



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

enthalpy.com

Lab Job Number : 537704
Report Level : II
Report Date : 07/30/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill / Quarterly MPars

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Steve Cassulo	Lab Job #:	537704
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill / Quarterly MPars
29201 Henry Mayo	Date Received:	07/15/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-12	537704-001	07/15/25 08:02	Water
DW-7	537704-002	07/15/25 09:03	Water
DW-21	537704-003	07/15/25 09:57	Water
DW-18	537704-004	07/15/25 11:05	Water
DW-31	537704-005	07/15/25 12:11	Water
QCFB	537704-006	07/15/25 08:04	Water
QCTB	537704-007	07/15/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 537704
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill / Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 07/15/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 07/16/25. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):

- 2-butanone was detected between the MDL and the RL in the method blank for batch 377656; this analyte was not detected in samples at or above the RL.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

- Manganese and sodium were detected above the RL in the method blank for batch 376557; these analytes were either not detected in samples at or above the RL, or detected at a level at least 10 times that of the blank. Magnesium was detected between the MDL and the RL in the method blank for batch 376557.
- No other analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Responses exceeding the instrument's linear range were observed for sulfate in the MS/MSD of DW-21 (lab # 537704-003); affected data was qualified with "E".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

- Low recoveries were observed for chemical oxygen demand in the MS/MSD of DW-3 (lab # 537753-004); the LCS was within limits.
- No other analytical problems were encountered.



Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

No analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No: 537704

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:

3 Day:

Custom TAT:

Sample Receipt Temp: 2.3 IR A3

yes bag

(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.	VOCS (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO3	Ammonia-N, Nitrate-N	COD, Cl, SO4, TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide	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-12	7/15/25	802	W	13					X	X	X	X	X	X	X	X	X		
2	DW-7		903							X	X	X	X	X	X	X	X	X		
3	DW-21		957							X	X	X	X	X	X	X	X	X		
4	DW-18		1105							X	X	X	X	X	X	X	X	X		
5	DW-31		1211							X	X	X	X	X	X	X	X	X		
6	QCPB		804					3		X	X	X	X	X	X	X	X	X		
7	QCTB							2		X	X	X	X	X	X	X	X	X		
8																				
9																				
10																				

Login 537704

Signature		Print Name	Company / Title	Date / Time
1 Relinquished By:		Paul Chang	CEI	7/15/25 1320
1 Received By:		Jim Lin	SA-NH	7/15/25 1320
2 Relinquished By:		Jim Lin	SA-NH	7/16/25 9:00
2 Received By:		Gene C.	EA-NH	7/16/25 9:00
3 Relinquished By:		Gene C.	EA-NH	7/16/25 10:50
3 Received By:		Gene C.	EA-NH	7/16/25 1050

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 7.15.25 WO# _____ Client: Chiquita Canyon LF

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

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

Shipping Info: Walk in or Pickup

Section 3a: Condition / Packaging

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

Date Opened 7.15.25 By (initials) JWL

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

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 15.2/14.5 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☐ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☐ No air samples submitted (skip 3c)

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

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	<u>X</u>		
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?	<u>X</u>		
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?			<u>X</u>
13) Are VOA vials free from headspace/bubbles > 6mm?	<u>X</u>		

Section 5: Explanations / Comments

☐ PM notified

Date Logged _____ By (print) _____ (sign) _____
 Date Labeled _____ By (print) _____ (sign) _____

ENTHALPY

Date Received: 7/16/25 WO# 537704 Client: Waste Connections

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 7/16/25 By (initials) GXO Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

Cooler Temp (°C) #1: 2.3 / 2.3 #2: / #3: / #4: / #5: / #6: /

☐ 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
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 7/15/25 By (print) ABD

(sign) Ad. Dr.

Date Labeled 7/16/25 By (print) A. G. S.

(sign) John Robert

Analysis Results for 537704

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 537704
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 07/15/25

Sample ID: DW-12

Lab ID: 537704-001

Collected: 07/15/25 08:02

Matrix: Water

537704-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.62		mg/L	0.20	0.073	1	376526	07/16/25 14:10	07/16/25 18:02	BPH
Chloride	200		mg/L	1.0	0.27	1	376526	07/16/25 14:10	07/16/25 18:02	BPH
Bromide	0.72		mg/L	0.30	0.060	1	376526	07/16/25 14:10	07/16/25 18:02	BPH
Nitrogen, Nitrate	4.0		mg/L	0.10	0.05	1	376526	07/16/25 14:10	07/16/25 18:02	BPH
Sulfate	310		mg/L	10	1.8	10	376526	07/16/25 14:10	07/16/25 18:18	BPH
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.20		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	23		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	ND		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	2.7		mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	1.7		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	270		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

537704-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates			Limits							
Dibromofluoromethane	95%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

537704-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	102%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
-------------	----	--	------	-----	------	---	--------	----------	----------	-----

Surrogates

Limits

1,4-Dioxane-d8 (SUR)	94%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
----------------------	-----	--	------	--------	--	---	--------	----------	----------	-----

Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	376582	07/16/25	07/16/25	TXC
---------	----	--	------	------	--	---	--------	----------	----------	-----

Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	ND		mg/L	1.0	0.68	1	376801	07/18/25	07/19/25	TDD
----------------------	----	--	------	-----	------	---	--------	----------	----------	-----

Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	150		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	150		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	940		mg/L	20		2	376956	07/21/25	07/23/25	RDL
------------------------	------------	--	------	----	--	---	--------	----------	----------	-----

Analysis Results for 537704

Sample ID: DW-7
Lab ID: 537704-002
Collected: 07/15/25 09:03
Matrix: Water

537704-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.16	J	mg/L	0.20	0.073	1	376526	07/16/25 14:10	07/16/25 18:35	BPH
Chloride	86		mg/L	1.0	0.27	1	376526	07/16/25 14:10	07/16/25 18:35	BPH
Bromide	0.16	J	mg/L	0.30	0.060	1	376526	07/16/25 14:10	07/16/25 18:35	BPH
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	376526	07/16/25 14:10	07/16/25 18:35	BPH
Sulfate	670		mg/L	10	1.8	10	376526	07/16/25 14:10	07/16/25 18:52	BPH
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.16		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	31		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	ND		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	1.5		mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	1.1		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	320		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

537704-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates				Limits						
Dibromofluoromethane	92%	%REC	70-130		1	377656	07/29/25	07/29/25	TCN	
1,2-Dichloroethane-d4	99%	%REC	70-130		1	377656	07/29/25	07/29/25	TCN	
Toluene-d8	99%	%REC	70-130		1	377656	07/29/25	07/29/25	TCN	
Bromofluorobenzene	98%	%REC	70-130		1	377656	07/29/25	07/29/25	TCN	

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537704

537704-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	90%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376582	07/16/25	07/16/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	376801	07/18/25	07/19/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	91		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	91		mg/L	5.0		2.5	376950	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,200		mg/L	20		2	376956	07/21/25	07/23/25	RDL

Analysis Results for 537704

Sample ID: DW-21
Lab ID: 537704-003
Collected: 07/15/25 09:57
Matrix: Water

537704-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.86		mg/L	0.20	0.073	1	376526	07/16/25 14:10	07/16/25 15:47	BPH
Chloride	56		mg/L	1.0	0.27	1	376526	07/16/25 14:10	07/16/25 15:47	BPH
Bromide	0.15	J	mg/L	0.30	0.060	1	376526	07/16/25 14:10	07/16/25 15:47	BPH
Nitrogen, Nitrate	0.12		mg/L	0.10	0.05	1	376526	07/16/25 14:10	07/16/25 15:47	BPH
Sulfate	120		mg/L	10	1.8	10	376526	07/16/25 14:10	07/16/25 16:37	BPH
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.25		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	3.4		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	0.13		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	0.17	B	mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	ND		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	130		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

537704-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates			Limits							
Dibromofluoromethane	95%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane-d4	100%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537704

537704-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates			Limits							
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376582	07/16/25	07/16/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.1		mg/L	1.0	0.68	1	376801	07/18/25	07/19/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	96		mg/L	5.0	2.5	376950	07/17/25	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	120		mg/L	5.0	2.5	376950	07/17/25	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	410		mg/L	20		2	376956	07/21/25	07/23/25	RDL

Analysis Results for 537704

Sample ID: DW-18
Lab ID: 537704-004
Collected: 07/15/25 11:05
Matrix: Water

537704-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.26		mg/L	0.20	0.073	1	376526	07/16/25 14:10	07/16/25 19:09	BPH
Chloride	120		mg/L	1.0	0.27	1	376526	07/16/25 14:10	07/16/25 19:09	BPH
Bromide	0.31		mg/L	0.30	0.060	1	376526	07/16/25 14:10	07/16/25 19:09	BPH
Nitrogen, Nitrate	3.3		mg/L	0.10	0.05	1	376526	07/16/25 14:10	07/16/25 19:09	BPH
Sulfate	360		mg/L	10	1.8	10	376526	07/16/25 14:10	07/16/25 19:25	BPH
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.32		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	25		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	ND		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	2.0		mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	1.5		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	280		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

537704-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates			Limits							
Dibromofluoromethane	94%	%REC	70-130			1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane-d4	102%	%REC	70-130			1	377656	07/29/25	07/29/25	TCN
Toluene-d8	97%	%REC	70-130			1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	96%	%REC	70-130			1	377656	07/29/25	07/29/25	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537704

537704-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	92%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376582	07/16/25	07/16/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	5.3		mg/L	1.0	0.68	1	376801	07/18/25	07/19/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	230		mg/L	5.0	2.5	376950	07/17/25	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	230		mg/L	5.0	2.5	376950	07/17/25	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	980		mg/L	20		2	376956	07/21/25	07/23/25	RDL

Analysis Results for 537704

Sample ID: DW-31
Lab ID: 537704-005
Collected: 07/15/25 12:11
Matrix: Water

537704-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.25		mg/L	0.20	0.073	1	376526	07/16/25 14:10	07/16/25 19:42	BPH
Chloride	82		mg/L	1.0	0.27	1	376526	07/16/25 14:10	07/16/25 19:42	BPH
Bromide	0.51		mg/L	0.30	0.060	1	376526	07/16/25 14:10	07/16/25 19:42	BPH
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	376526	07/16/25 14:10	07/16/25 19:42	BPH
Sulfate	290		mg/L	10	1.8	10	376526	07/16/25 14:10	07/16/25 19:59	BPH
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	377198	07/23/25	07/28/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	16		mg/L	4.0	2.0	1	377063	07/22/25	07/23/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.46		mg/L	0.050	0.0055	1	376557	07/16/25	07/17/25	SBW
Calcium	140		mg/L	1.0	0.57	1	376557	07/16/25	07/17/25	SBW
Iron	0.16		mg/L	0.10	0.046	1	376557	07/16/25	07/17/25	SBW
Magnesium	26		mg/L	0.10	0.025	1	376557	07/16/25	07/17/25	SBW
Manganese	0.64		mg/L	0.010	0.0029	1	376557	07/16/25	07/17/25	SBW
Potassium	1.3		mg/L	0.50	0.40	1	376557	07/16/25	07/17/25	SBW
Sodium	110		mg/L	0.60	0.35	1	376557	07/16/25	07/17/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

537704-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates			Limits							
Dibromofluoromethane	93%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane-d4	101%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	98%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 537704

537704-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	9.2		ug/L	1.0	0.95	1	376555	07/16/25	07/17/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	104%		%REC	80-120		1	376555	07/16/25	07/17/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	376582	07/16/25	07/16/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	14		mg/L	1.0	0.68	1	376801	07/18/25	07/19/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	360		mg/L	5.0	2.5	376950	07/17/25	07/17/25	07/17/25	WWC
Alkalinity, Total as CaCO3	360		mg/L	5.0	2.5	376950	07/17/25	07/17/25	07/17/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	980		mg/L	20		2	376956	07/21/25	07/23/25	RDL

Analysis Results for 537704

Sample ID: QCFB
Lab ID: 537704-006
Collected: 07/15/25 08:04
Matrix: Water

537704-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	0.3	J	ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	0.6	J	ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

537704-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates	Limits									
Dibromofluoromethane	94%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane-d4	100%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

Sample ID: QCTB
Lab ID: 537704-007
Collected: 07/15/25
Matrix: Water

537704-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Freon 12	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Chloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Vinyl Chloride	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Bromomethane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
Chloroethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Acetone	ND		ug/L	100	8.8	1	377656	07/29/25	07/29/25	TCN
Freon 113	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Methylene Chloride	0.3	J	ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
MTBE	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloroethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
2-Butanone	ND		ug/L	100	0.9	1	377656	07/29/25	07/29/25	TCN
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Chloroform	0.7	J	ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromochloromethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Carbon Tetrachloride	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Benzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Trichloroethene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,2-Dichloropropane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Bromodichloromethane	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Dibromomethane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	1	377656	07/29/25	07/29/25	TCN
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	1	377656	07/29/25	07/29/25	TCN
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Tetrachloroethene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Dibromochloromethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
Chlorobenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Ethylbenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
m,p-Xylenes	ND		ug/L	10	0.1	1	377656	07/29/25	07/29/25	TCN
o-Xylene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Styrene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Bromoform	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
Isopropylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN

Analysis Results for 537704

537704-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
Propylbenzene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
Bromobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
2-Chlorotoluene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
4-Chlorotoluene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
tert-Butylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
sec-Butylbenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	1	377656	07/29/25	07/29/25	TCN
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	1	377656	07/29/25	07/29/25	TCN
n-Butylbenzene	ND		ug/L	5.0	0.08	1	377656	07/29/25	07/29/25	TCN
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	1	377656	07/29/25	07/29/25	TCN
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	1	377656	07/29/25	07/29/25	TCN
Hexachlorobutadiene	ND		ug/L	5.0	0.06	1	377656	07/29/25	07/29/25	TCN
Naphthalene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	1	377656	07/29/25	07/29/25	TCN
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	377656	07/29/25	07/29/25	TCN
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	377656	07/29/25	07/29/25	TCN
Xylene (total)	ND		ug/L	5.0		1	377656	07/29/25	07/29/25	TCN
Surrogates	Limits									
Dibromofluoromethane	92%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
1,2-Dichloroethane-d4	101%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Toluene-d8	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN
Bromofluorobenzene	97%		%REC	70-130		1	377656	07/29/25	07/29/25	TCN

B Contamination found in associated Method Blank
 J Estimated value
 ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1274785	Batch: 376526
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1274785 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	07/16/25 14:10	07/16/25 14:23
Chloride	ND		mg/L	1.0	0.27	07/16/25 14:10	07/16/25 14:23
Bromide	ND		mg/L	0.30	0.060	07/16/25 14:10	07/16/25 14:23
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	07/16/25 14:10	07/16/25 14:23
Sulfate	ND		mg/L	1.0	0.18	07/16/25 14:10	07/16/25 14:23

Type: Lab Control Sample	Lab ID: QC1274786	Batch: 376526
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1274786 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	10.04	10.00	mg/L	100%		90-110
Chloride	49.02	50.00	mg/L	98%		90-110
Bromide	15.36	15.00	mg/L	102%		90-110
Nitrogen, Nitrate	4.731	4.518	mg/L	105%		90-110
Sulfate	25.28	25.00	mg/L	101%		90-110

Type: Matrix Spike	Lab ID: QC1274787	Batch: 376526
Matrix (Source ID): Water (537655-001)	Method: EPA 300.0	Prep Method: METHOD

QC1274787 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.99	0.1089	20.00	mg/L	104%		80-129	1
Chloride	112.7	7.949	100.0	mg/L	105%		80-123	1
Bromide	15.32	ND	15.00	mg/L	102%		80-121	1
Nitrogen, Nitrate	9.959	0.4612	9.036	mg/L	105%		80-123	1
Sulfate	52.63	0.9923	50.00	mg/L	103%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1274788	Batch: 376526
Matrix (Source ID): Water (537655-001)	Method: EPA 300.0	Prep Method: METHOD

QC1274788 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	23.37	0.1089	20.00	mg/L	116%		80-129	11	21	1
Chloride	123.1	7.949	100.0	mg/L	115%		80-123	9	20	1
Bromide	16.81	ND	15.00	mg/L	112%		80-121	9	20	1
Nitrogen, Nitrate	10.91	0.4612	9.036	mg/L	116%		80-123	9	20	1
Sulfate	59.14	0.9923	50.00	mg/L	116%		79-124	12	20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1274789	Batch: 376526
Matrix (Source ID): Water (537704-003)	Method: EPA 300.0	Prep Method: METHOD

QC1274789 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.82	0.8644	20.00	mg/L	105%		80-129	1
Chloride	159.0	56.38	100.0	mg/L	103%		80-123	1
Bromide	15.48	0.1474	15.00	mg/L	102%		80-121	1
Nitrogen, Nitrate	9.735	0.1242	9.036	mg/L	106%		80-123	1
Sulfate	163.8	119.8	50.00	mg/L	88%	E	79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1274790	Batch: 376526
Matrix (Source ID): Water (537704-003)	Method: EPA 300.0	Prep Method: METHOD

QC1274790 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	22.09	0.8644	20.00	mg/L	106%		80-129	1	21	1
Chloride	160.0	56.38	100.0	mg/L	104%		80-123	1	20	1
Bromide	15.66	0.1474	15.00	mg/L	103%		80-121	1	20	1
Nitrogen, Nitrate	9.833	0.1242	9.036	mg/L	107%		80-123	1	20	1
Sulfate	164.5	119.8	50.00	mg/L	89%	E	79-124		20	1

Type: Blank	Lab ID: QC1277109	Batch: 377198
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1277109 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	07/23/25	07/28/25

Type: Lab Control Sample	Lab ID: QC1277110	Batch: 377198
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1277110 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.046	1.000	mg/L	105%		90-110

Type: Matrix Spike	Lab ID: QC1277111	Batch: 377198
Matrix (Source ID): Water (537588-002)	Method: EPA 350.1	Prep Method: METHOD

QC1277111 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9352	ND	1.000	mg/L	94%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1277112	Batch: 377198
Matrix (Source ID): Water (537588-002)	Method: EPA 350.1	Prep Method: METHOD

QC1277112 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9503	ND	1.000	mg/L	95%		90-110	2	20	1

Type: Matrix Spike	Lab ID: QC1277113	Batch: 377198
Matrix (Source ID): Water (537588-003)	Method: EPA 350.1	Prep Method: METHOD

QC1277113 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.028	ND	1.000	mg/L	103%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1277114	Batch: 377198
Matrix (Source ID): Water (537588-003)	Method: EPA 350.1	Prep Method: METHOD

QC1277114 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.069	ND	1.000	mg/L	107%		90-110	4	20	1

Type: Blank	Lab ID: QC1276657	Batch: 377063
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1276657 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	07/22/25	07/23/25

Type: Lab Control Sample	Lab ID: QC1276658	Batch: 377063
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1276658 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	91.00	100.0	mg/L	91%		90-110

Type: Matrix Spike	Lab ID: QC1276659	Batch: 377063
Matrix (Source ID): Water (537395-001)	Method: EPA 410.4	Prep Method: METHOD

QC1276659 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	86.00	ND	100.0	mg/L	86%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1276660	Batch: 377063
Matrix (Source ID): Water (537395-001)	Method: EPA 410.4	Prep Method: METHOD

QC1276660 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	80.00	ND	100.0	mg/L	80%		75-125	7	20	2

Type: Matrix Spike	Lab ID: QC1276796	Batch: 377063
Matrix (Source ID): Water (537753-004)	Method: EPA 410.4	Prep Method: METHOD

QC1276796 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1276797	Batch: 377063
Matrix (Source ID): Water (537753-004)	Method: EPA 410.4	Prep Method: METHOD

QC1276797 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	74.00	ND	100.0	mg/L	74%	*	75-125	0	20	2

Type: Blank	Lab ID: QC1274879	Batch: 376557
Matrix: Filtrate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1274879 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	07/16/25	07/17/25
Calcium	ND		mg/L	0.57	0.57	07/16/25	07/17/25
Iron	ND		mg/L	0.046	0.046	07/16/25	07/17/25
Magnesium	0.058	J	mg/L	0.10	0.025	07/16/25	07/17/25
Manganese	0.014		mg/L	0.010	0.0029	07/16/25	07/17/25
Potassium	ND		mg/L	0.50	0.40	07/16/25	07/17/25
Sodium	0.84		mg/L	0.50	0.35	07/16/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1274880	Batch: 376557
Matrix: Filtrate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1274880 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3564	0.4000	mg/L	89%		80-120
Calcium	17.88	20.40	mg/L	88%		80-120
Iron	0.3649	0.4000	mg/L	91%		80-120
Magnesium	18.05	20.40	mg/L	88%		80-120
Manganese	0.3740	0.4000	mg/L	94%		80-120
Potassium	21.00	24.00	mg/L	88%		80-120
Sodium	18.62	20.40	mg/L	91%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1274881	Batch: 376557
Matrix (Source ID): Water (537588-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1274881 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.5617	0.1992	0.4000	mg/L	91%		75-125	1
Calcium	52.66	35.29	20.40	mg/L	85%		75-125	1
Iron	0.7057	0.3429	0.4000	mg/L	91%		75-125	1
Magnesium	23.48	5.534	20.40	mg/L	88%		75-125	1
Manganese	0.3971	0.03385	0.4000	mg/L	91%		75-125	1
Potassium	23.39	1.541	24.00	mg/L	91%		75-125	1
Sodium	203.8	188.0	20.40	mg/L	78%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1274882	Batch: 376557
Matrix (Source ID): Water (537588-004)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1274882 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.5587	0.1992	0.4000	mg/L	90%		75-125	1	20	1
Calcium	52.62	35.29	20.40	mg/L	85%		75-125	0	20	1
Iron	0.7032	0.3429	0.4000	mg/L	90%		75-125	0	22	1
Magnesium	23.40	5.534	20.40	mg/L	88%		75-125	0	20	1
Manganese	0.3942	0.03385	0.4000	mg/L	90%		75-125	1	20	1
Potassium	23.32	1.541	24.00	mg/L	91%		75-125	0	20	1
Sodium	204.2	188.0	20.40	mg/L	79%	NM	75-125	0	20	1

Type: Lab Control Sample	Lab ID: QC1278721	Batch: 377656
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1278721 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.04	50.00	ug/L	100%		69-128
MTBE	57.12	50.00	ug/L	114%		66-125
Benzene	52.94	50.00	ug/L	106%		76-121
Trichloroethene	47.76	50.00	ug/L	96%		76-124
Toluene	50.55	50.00	ug/L	101%		76-120
Chlorobenzene	49.90	50.00	ug/L	100%		78-120
Surrogates						
Dibromofluoromethane	44.53	50.00	ug/L	89%		70-130
1,2-Dichloroethane-d4	47.27	50.00	ug/L	95%		70-130
Toluene-d8	49.06	50.00	ug/L	98%		70-130
Bromofluorobenzene	49.57	50.00	ug/L	99%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1278722	Batch: 377656
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1278722 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.27	50.00	ug/L	93%		69-128	8	23
MTBE	53.63	50.00	ug/L	107%		66-125	6	22
Benzene	50.44	50.00	ug/L	101%		76-121	5	21
Trichloroethene	44.72	50.00	ug/L	89%		76-124	7	22
Toluene	47.36	50.00	ug/L	95%		76-120	7	21
Chlorobenzene	46.63	50.00	ug/L	93%		78-120	7	20
Surrogates								
Dibromofluoromethane	44.76	50.00	ug/L	90%		70-130		
1,2-Dichloroethane-d4	47.31	50.00	ug/L	95%		70-130		
Toluene-d8	49.28	50.00	ug/L	99%		70-130		
Bromofluorobenzene	49.57	50.00	ug/L	99%		70-130		

Batch QC

Type: Blank	Lab ID: QC1278725	Batch: 377656
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1278725 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	07/29/25	07/29/25
Freon 12	ND		ug/L	5.0	0.2	07/29/25	07/29/25
Chloromethane	ND		ug/L	5.0	0.1	07/29/25	07/29/25
Vinyl Chloride	ND		ug/L	5.0	0.1	07/29/25	07/29/25
Bromomethane	ND		ug/L	5.0	0.3	07/29/25	07/29/25
Chloroethane	ND		ug/L	5.0	0.05	07/29/25	07/29/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	07/29/25	07/29/25
Acetone	ND		ug/L	100	8.8	07/29/25	07/29/25
Freon 113	ND		ug/L	5.0	0.1	07/29/25	07/29/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	07/29/25	07/29/25
Methylene Chloride	ND		ug/L	5.0	0.2	07/29/25	07/29/25
MTBE	ND		ug/L	5.0	0.1	07/29/25	07/29/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	07/29/25	07/29/25
1,1-Dichloroethane	ND		ug/L	5.0	0.07	07/29/25	07/29/25
2-Butanone	1.4	J	ug/L	100	0.9	07/29/25	07/29/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.09	07/29/25	07/29/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	07/29/25	07/29/25
Chloroform	ND		ug/L	5.0	0.07	07/29/25	07/29/25
Bromochloromethane	ND		ug/L	5.0	0.1	07/29/25	07/29/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.03	07/29/25	07/29/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	07/29/25	07/29/25
Carbon Tetrachloride	ND		ug/L	5.0	0.07	07/29/25	07/29/25
1,2-Dichloroethane	ND		ug/L	5.0	0.09	07/29/25	07/29/25
Benzene	ND		ug/L	5.0	0.07	07/29/25	07/29/25
Trichloroethene	ND		ug/L	5.0	0.05	07/29/25	07/29/25
1,2-Dichloropropane	ND		ug/L	5.0	0.07	07/29/25	07/29/25
Bromodichloromethane	ND		ug/L	5.0	0.05	07/29/25	07/29/25
Dibromomethane	ND		ug/L	5.0	0.1	07/29/25	07/29/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.5	07/29/25	07/29/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.08	07/29/25	07/29/25
Toluene	ND		ug/L	5.0	0.05	07/29/25	07/29/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.03	07/29/25	07/29/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.06	07/29/25	07/29/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	07/29/25	07/29/25
Tetrachloroethene	ND		ug/L	5.0	0.09	07/29/25	07/29/25
Dibromochloromethane	ND		ug/L	5.0	0.07	07/29/25	07/29/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	07/29/25	07/29/25
Chlorobenzene	ND		ug/L	5.0	0.05	07/29/25	07/29/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/29/25	07/29/25
Ethylbenzene	ND		ug/L	5.0	0.04	07/29/25	07/29/25
m,p-Xylenes	ND		ug/L	10	0.1	07/29/25	07/29/25
o-Xylene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
Styrene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
Bromoform	ND		ug/L	5.0	0.08	07/29/25	07/29/25
Isopropylbenzene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.06	07/29/25	07/29/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.09	07/29/25	07/29/25

Batch QC

QC1278725 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	07/29/25	07/29/25
Bromobenzene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.08	07/29/25	07/29/25
2-Chlorotoluene	ND		ug/L	5.0	0.07	07/29/25	07/29/25
4-Chlorotoluene	ND		ug/L	5.0	0.08	07/29/25	07/29/25
tert-Butylbenzene	ND		ug/L	5.0	0.07	07/29/25	07/29/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.07	07/29/25	07/29/25
sec-Butylbenzene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.05	07/29/25	07/29/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.07	07/29/25	07/29/25
n-Butylbenzene	ND		ug/L	5.0	0.08	07/29/25	07/29/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.04	07/29/25	07/29/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	07/29/25	07/29/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	07/29/25	07/29/25
Hexachlorobutadiene	ND		ug/L	5.0	0.06	07/29/25	07/29/25
Naphthalene	ND		ug/L	5.0	0.3	07/29/25	07/29/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	07/29/25	07/29/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	07/29/25	07/29/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	07/29/25	07/29/25
Xylene (total)	ND		ug/L	5.0		07/29/25	07/29/25
Surrogates	Limits						
Dibromofluoromethane	95%		%REC	70-130		07/29/25	07/29/25
1,2-Dichloroethane-d4	102%		%REC	70-130		07/29/25	07/29/25
Toluene-d8	97%		%REC	70-130		07/29/25	07/29/25
Bromofluorobenzene	97%		%REC	70-130		07/29/25	07/29/25

Type: Matrix Spike	Lab ID: QC1278846	Batch: 377656
Matrix (Source ID): Water (537704-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1278846 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	16.71	ND	20.00	ug/L	84%		62-131	1
MTBE	18.50	ND	20.00	ug/L	92%		61-124	1
Benzene	18.07	ND	20.00	ug/L	90%		70-123	1
Trichloroethene	17.04	ND	20.00	ug/L	85%		65-131	1
Toluene	17.44	ND	20.00	ug/L	87%		69-120	1
Chlorobenzene	17.65	ND	20.00	ug/L	88%		72-121	1
Surrogates								
Dibromofluoromethane	45.51		50.00	ug/L	91%		70-130	1
1,2-Dichloroethane-d4	47.78		50.00	ug/L	96%		70-130	1
Toluene-d8	49.09		50.00	ug/L	98%		70-130	1
Bromofluorobenzene	48.71		50.00	ug/L	97%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1278847	Batch: 377656
Matrix (Source ID): Water (537704-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1278847 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	15.99	ND	20.00	ug/L	80%		62-131	4	31	1
MTBE	17.62	ND	20.00	ug/L	88%		61-124	5	30	1
Benzene	17.02	ND	20.00	ug/L	85%		70-123	6	31	1
Trichloroethene	15.54	ND	20.00	ug/L	78%		65-131	9	31	1
Toluene	15.87	ND	20.00	ug/L	79%		69-120	9	29	1
Chlorobenzene	16.10	ND	20.00	ug/L	80%		72-121	9	29	1
Surrogates										
Dibromofluoromethane	45.39		50.00	ug/L	91%		70-130			1
1,2-Dichloroethane-d4	48.37		50.00	ug/L	97%		70-130			1
Toluene-d8	48.74		50.00	ug/L	97%		70-130			1
Bromofluorobenzene	48.96		50.00	ug/L	98%		70-130			1

Type: Blank	Lab ID: QC1274864	Batch: 376555
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1274864 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	07/16/25	07/17/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		07/16/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1274866	Batch: 376555
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1274866 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	11.56	10.00	ug/L	116%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.51	10.00	ug/L	105%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1274867	Batch: 376555
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1274867 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.914	10.00	ug/L	99%		79-120	15	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.09	10.00	ug/L	101%		80-120		

Type: Blank	Lab ID: QC1274974	Batch: 376582
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1274974 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		07/16/25	07/16/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1274975	Batch: 376582
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1274975 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1274976	Batch: 376582
Matrix (Source ID): Water (537704-005)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1274976 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1274977	Batch: 376582
Matrix (Source ID): Water (537704-005)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1274977 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type: Blank	Lab ID: QC1275692	Batch: 376801
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1275692 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	07/18/25	07/18/25

Type: Lab Control Sample	Lab ID: QC1275693	Batch: 376801
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1275693 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	24.30	25.00	mg/L	97%		85-115

Type: Matrix Spike	Lab ID: QC1275694	Batch: 376801
Matrix (Source ID): Water (537668-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1275694 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	90.21	68.59	25.00	mg/L	86%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1275695	Batch: 376801
Matrix (Source ID): Water (537668-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1275695 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	91.44	68.59	25.00	mg/L	91%		75-125	1	25	1

Batch QC

Type: Blank	Lab ID: QC1276264	Batch: 376950
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1276264 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		07/17/25	07/17/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		07/17/25	07/17/25

Type: Lab Control Sample	Lab ID: QC1276265	Batch: 376950
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1276265 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	920.0	1000	mg/L	92%		90-110

Type: Sample Duplicate	Lab ID: QC1276266	Batch: 376950
Matrix (Source ID): Water (537932-001)	Method: SM2320B	Prep Method: METHOD

QC1276266 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	35.11	33.67	mg/L		4	20	1
Alkalinity, Total as CaCO ₃	35.11	33.67	mg/L		4	20	1

Type: Blank	Lab ID: QC1276277	Batch: 376956
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1276277 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		07/21/25	07/23/25

Type: Lab Control Sample	Lab ID: QC1276278	Batch: 376956
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1276278 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	991.0	1000	mg/L	99%		90-110

Type: Sample Duplicate	Lab ID: QC1276279	Batch: 376956
Matrix (Source ID): Water (537704-001)	Method: SM2540C	Prep Method: METHOD

QC1276279 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	972.0	944.0	mg/L		3	5	2

Type: Sample Duplicate	Lab ID: QC1276280	Batch: 376956
Matrix (Source ID): Water (537900-002)	Method: SM2540C	Prep Method: METHOD

QC1276280 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	2,944	2930	mg/L		0	5	2

Batch QC

* Value is outside QC limits
E Response exceeds instrument's linear range
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 537704

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2507B44

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-537704

Project Location:

Project Received: 07/17/2025

Analytical Report reviewed & approved for release on 07/22/2025 by:

Jena Alfaro

Project Manager

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:** 2507B44**Project:** EO-537704

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2507B44

Project: EO-537704

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 07/17/2025 9:23
Date Prepared: 07/22/2025
Project: EO-537704

WorkOrder: 2507B44
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	2507B44-001A	Water	07/15/2025 08:02	GC26 0722250904.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	1400	50	50	1	07/22/2025 11:21

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-7	2507B44-002A	Water	07/15/2025 09:03	GC26 0722250905.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	580	50	50	1	07/22/2025 11:34

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-21	2507B44-003A	Water	07/15/2025 09:57	GC26 0722250906.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	340	50	50	1	07/22/2025 11:52

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 07/17/2025 9:23
Date Prepared: 07/22/2025
Project: EO-537704

WorkOrder: 2507B44
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-18	2507B44-004A	Water	07/15/2025 11:05	GC26 0722250908.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	3800	200	200	4	07/22/2025 13:32

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-31	2507B44-005A	Water	07/15/2025 12:11	GC26 0722250910.D	321973

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	38,000	2000	2000	40	07/22/2025 14:03

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 07/22/2025
Date Analyzed: 07/22/2025
Instrument: GC26
Matrix: Water
Project: EO-537704

WorkOrder: 2507B44
BatchID: 321973
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-321973

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	140	187.2	74	73	70-130	1.45	30

McCampbell Analytical, Inc.



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

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2507B44

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-537704

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 3 days;

Date Received: 07/17/2025

Date Logged: 07/18/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2507B44-001	DW-12	Water	7/15/2025 08:02	☐	A	A										
2507B44-002	DW-7	Water	7/15/2025 09:03	☐	A	A										
2507B44-003	DW-21	Water	7/15/2025 09:57	☐	A	A										
2507B44-004	DW-18	Water	7/15/2025 11:05	☐	A	A										
2507B44-005	DW-31	Water	7/15/2025 12:11	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-537704

Work Order: 2507B44

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments:

Date Logged: 7/18/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-12	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/15/2025 8:02	3 days	7/22/2025	None	☐	☐
002A	DW-7	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/15/2025 9:03	3 days	7/22/2025	None	☐	☐
003A	DW-21	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/15/2025 9:57	3 days	7/22/2025	None	☐	☐
004A	DW-18	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/15/2025 11:05	3 days	7/22/2025	None	☐	☐
005A	DW-31	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	7/15/2025 12:11	3 days	7/22/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

HOLD TIME RUSH

2507B44



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-537704

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

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel
EDD

Notes:

Chiquita Canyon Landfill

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
✓ DW-12	15-JUL-2025 08:02	537704-001	3 ✓	Water	RSK-175 CO2	
✓ DW-7	15-JUL-2025 09:03	537704-002	3 ✓	Water	RSK-175 CO2	
✓ DW-21	15-JUL-2025 09:57	537704-003	3 ✓	Water	RSK-175 CO2	
✓ DW-18	15-JUL-2025 11:05	537704-004	3 ✓	Water	RSK-175 CO2	
+ DW-31	15-JUL-2025 12:11	537704-005	3 ✓	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Date: 7-16-25 14:47	Date: 7/17/25 0923
	Date:	Date:
	Date:	Date:



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-537704

Date and Time Received: 7/17/2025 09:23
Date Logged: 7/18/2025
Received by: Agustina Venegas
Logged by: Agustina Venegas

WorkOrder No: 2507B44 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: 0.1°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒

Comments:



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

enthalpy.com

Lab Job Number : 539738
Report Level : II
Report Date : 08/25/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill / Quarterly MPars

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197



Sample Summary

Steve Cassulo	Lab Job #:	539738
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill / Quarterly MPars
29201 Henry Mayo	Date Received:	08/11/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-14	539738-001	08/11/25 08:15	Water
DW-17	539738-002	08/11/25 09:29	Water
DW-30	539738-003	08/11/25 10:50	Water
DW-31	539738-004	08/11/25 11:48	Water
QCFB	539738-005	08/11/25 09:32	Water
QCTB	539738-006	08/11/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 539738
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill / Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 08/11/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 08/11/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

No analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

- Low recovery was observed for ammonia-N in the MSD of DW-14 (lab # 539738-001); the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McC Campbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McC Campbell Analytical, Inc. case narrative.



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No: 539738

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: X 5 Day: 3 Day:

1 Day: Custom TAT:

Sample Receipt Temp:

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

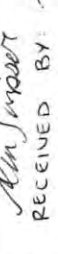
(lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request				Test Instructions / Comments			
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo												
Report To:	Steve Cassulo	Number:	661-257-3655												
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:													
Address:	29201 Henry Mayo Drive	Address:													
	Castaic, CA, 91384														
Phone:	661-257-3655	Global ID:	L10003464243												
Fax:		Sampled By:	Paul Chang												
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	VOCs (EPA 8260B)	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO ₃	Ammonia-N, Nitrate-N	COD, Cl, SO ₄ , TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide	cc report to:
1 DW-14	8/11/25	815	W	13	var.	X	X	X	X	X	X	X	X	X	pchang@changenvironmental.com Basic EDD & GeoTracker EDF
2 DW-17		929				X	X	X	X	X	X	X	X	X	
3 DW-30		1050				X	X	X	X	X	X	X	X	X	
4 DW-31		1148				X	X	X	X	X	X	X	X	X	
5 QCFCB		932		3		X	X	X	X	X	X	X	X	X	
6 QCTB				2		X	X	X	X	X	X	X	X	X	
7															
8															
9															
10															

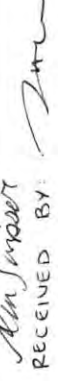


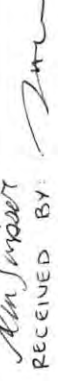
Login 539738



Signature	Print Name	Company / Title	Date / Time
	Paul Chang	CEI	8/11/25 1245
	Jim Lin	SEA NH	8-11-25 1245
	Jim Lin	SEA NH	8-12-25 0900
	Huang B.	EA-NH	8/12/25 0900
	Huang B.	EA-NH	8/12/25 1345
	DS	PA	8/12/25 1410
	DS	EA	8/12/25 1500

16M 9/9/4.5

RECEIVED BY: 

RECEIVED BY: 

JETH CH

ENTHALPY

Date Received: 8.11.25 WO# _____ Client: Chiquita Canyon LF

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 8.11.25 By (initials) JWL Type of ice used : ☒ Wet ☐ Blue/Gel ☐ None

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: -0.7C

Cooler Temp (°C) #1: 14.7 / 14.0 #2: / #3: / #4: / #5: / #6: /

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

☐ PM notified

Date Logged _____ By (print) _____ (sign) _____

Date Labeled _____ By (print) _____ (sign) _____

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 8/12/25 WO# 539738 Client: WASTE CONNECTIONS

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

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

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

Section 3a: Condition / Packaging

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

Date Opened 08/12/25 By (initials) DJS

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

☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR14 CF: -0.4

Cooler Temp (°C) #1: 4.9 / 4.5 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

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

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	☒	☐	☐
2) Is the sampler's name present on the CoC?	☒	☐	☐
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	☒	☐	☐
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	☐	☐	☒
5) Were all of, and only, the correct samples received?	☒	☐	☐
6) Are sample labels present, legible, and in agreement with the CoC?	☒	☐	☐
7) Does the container count match the CoC?	☒	☐	☐
8) Was sufficient sample volume / mass received for the analyses requested?	☒	☐	☐
9) Were samples received in proper containers for the analyses requested?	☒	☐	☐
10) Were samples received with > 1/2 holding time remaining?	☒	☐	☐
11) Are samples properly preserved as indicated by CoC / labels?	☒	☐	☐
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?	☐	☐	☒
13) Are VOA vials free from headspace/bubbles > 6mm?	☐	☒	☐

Section 5: Explanations / Comments

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

4.13 Sample 006 has 2 1/2 HCl preserved VOA vials with headspace > 6mm

☐ No additional discrepancies

Date Logged 8/12/25

By (print) FPD

(sign) [Signature]

Date Labeled 8/12/25

By (print) AGR

(sign) [Signature]

Analysis Results for 539738

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 539738
Project No: GW MONITORING
Location: Chiquita Canyon Landfill / Quarterly MPars
Date Received: 08/11/25

Sample ID: DW-14

Lab ID: 539738-001

Collected: 08/11/25 08:15

Matrix: Water

539738-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.41		mg/L	0.20	0.073	1	379028	08/12/25 18:00	08/12/25 19:00	KUM
Chloride	94		mg/L	1.0	0.27	1	379028	08/12/25 18:00	08/12/25 19:00	KUM
Bromide	0.098	J	mg/L	0.30	0.060	1	379028	08/12/25 18:00	08/12/25 19:00	KUM
Nitrogen, Nitrate	0.30		mg/L	0.10	0.05	1	379028	08/12/25 18:00	08/12/25 19:00	KUM
Sulfate	29		mg/L	1.0	0.18	1	379028	08/12/25 18:00	08/12/25 19:00	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379929	08/21/25	08/22/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.12		mg/L	0.050	0.0062	1	379027	08/12/25	08/13/25	SBW
Calcium	2.6		mg/L	1.0	0.57	1	379027	08/12/25	08/13/25	SBW
Iron	0.30		mg/L	0.10	0.041	1	379027	08/12/25	08/13/25	SBW
Magnesium	0.22		mg/L	0.10	0.025	1	379027	08/12/25	08/13/25	SBW
Manganese	0.0031	J	mg/L	0.010	0.0029	1	379027	08/12/25	08/13/25	SBW
Potassium	0.83		mg/L	0.50	0.42	1	379027	08/12/25	08/13/25	SBW
Sodium	140		mg/L	0.50	0.34	1	379027	08/12/25	08/13/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	379732	08/20/25	08/20/25	LYZ
Freon 12	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Chloromethane	ND		ug/L	5.0	0.4	1	379732	08/20/25	08/20/25	LYZ
Vinyl Chloride	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Bromomethane	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Chloroethane	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Acetone	ND		ug/L	100	16	1	379732	08/20/25	08/20/25	LYZ
Freon 113	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Methylene Chloride	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
MTBE	ND		ug/L	5.0	0.03	1	379732	08/20/25	08/20/25	LYZ
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,1-Dichloroethane	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
2-Butanone	ND		ug/L	100	1.3	1	379732	08/20/25	08/20/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Chloroform	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ

Analysis Results for 539738

539738-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	1	379732	08/20/25	08/20/25	LYZ
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Carbon Tetrachloride	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
1,2-Dichloroethane	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
Benzene	ND		ug/L	5.0	0.04	1	379732	08/20/25	08/20/25	LYZ
Trichloroethene	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379732	08/20/25	08/20/25	LYZ
Dibromomethane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	1	379732	08/20/25	08/20/25	LYZ
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
Toluene	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
1,3-Dichloropropane	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
Tetrachloroethene	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Dibromochloromethane	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,2-Dibromoethane	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
Chlorobenzene	ND		ug/L	5.0	0.07	1	379732	08/20/25	08/20/25	LYZ
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
Ethylbenzene	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
m,p-Xylenes	ND		ug/L	10	0.09	1	379732	08/20/25	08/20/25	LYZ
o-Xylene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
Styrene	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
Bromoform	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
Isopropylbenzene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Propylbenzene	0.05	J	ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
Bromobenzene	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
2-Chlorotoluene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
4-Chlorotoluene	0.05	J	ug/L	5.0	0.05	1	379732	08/20/25	08/20/25	LYZ
tert-Butylbenzene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	1	379732	08/20/25	08/20/25	LYZ
sec-Butylbenzene	ND		ug/L	5.0	0.07	1	379732	08/20/25	08/20/25	LYZ
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,3-Dichlorobenzene	0.07	J	ug/L	5.0	0.06	1	379732	08/20/25	08/20/25	LYZ
1,4-Dichlorobenzene	0.1	J	ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
n-Butylbenzene	0.05	J	ug/L	5.0	0.04	1	379732	08/20/25	08/20/25	LYZ
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	1	379732	08/20/25	08/20/25	LYZ
1,2,4-Trichlorobenzene	0.4	J	ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	379732	08/20/25	08/20/25	LYZ
Naphthalene	1.0	J	ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
1,2,3-Trichlorobenzene	0.4	J	ug/L	5.0	0.09	1	379732	08/20/25	08/20/25	LYZ
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379732	08/20/25	08/20/25	LYZ
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	1	379732	08/20/25	08/20/25	LYZ
Xylene (total)	ND		ug/L	5.0		1	379732	08/20/25	08/20/25	LYZ
Surrogates			Limits							
Dibromofluoromethane	99%		%REC	70-130		1	379732	08/20/25	08/20/25	LYZ

Analysis Results for 539738

539738-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	103%		%REC	70-130		1	379732	08/20/25	08/20/25	LYZ
Toluene-d8	100%		%REC	70-130		1	379732	08/20/25	08/20/25	LYZ
Bromofluorobenzene	100%		%REC	70-130		1	379732	08/20/25	08/20/25	LYZ

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.95	1	379053	08/13/25	08/13/25	ZFA
-------------	----	--	------	-----	------	---	--------	----------	----------	-----

Surrogates

Limits

1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	379053	08/13/25	08/13/25	ZFA
----------------------	-----	--	------	--------	--	---	--------	----------	----------	-----

Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	379161	08/13/25	08/13/25	TXC
---------	----	--	------	------	--	---	--------	----------	----------	-----

Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	0.94	J	mg/L	1.0	0.24	1	380079	08/22/25	08/23/25	AXS
----------------------	-------------	---	------	-----	------	---	--------	----------	----------	-----

Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	150		mg/L	5.0		2.5	379680	08/19/25	08/19/25	ARM
Alkalinity, Total as CaCO3	160		mg/L	5.0		2.5	379680	08/19/25	08/19/25	ARM

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	370		mg/L	20		2	379118	08/13/25	08/14/25	RDL
------------------------	------------	--	------	----	--	---	--------	----------	----------	-----

Analysis Results for 539738

Sample ID: DW-17
Lab ID: 539738-002
Collected: 08/11/25 09:29
Matrix: Water

539738-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.17	J	mg/L	0.20	0.073	1	379028	08/12/25 18:00	08/12/25 19:51	KUM
Chloride	150		mg/L	1.0	0.27	1	379028	08/12/25 18:00	08/12/25 19:51	KUM
Bromide	0.26	J	mg/L	0.30	0.060	1	379028	08/12/25 18:00	08/12/25 19:51	KUM
Nitrogen, Nitrate	0.93		mg/L	0.10	0.05	1	379028	08/12/25 18:00	08/12/25 19:51	KUM
Sulfate	180		mg/L	10	1.8	10	379028	08/12/25 18:00	08/12/25 20:07	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379929	08/21/25	08/22/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.086		mg/L	0.050	0.0062	1	379027	08/12/25	08/13/25	SBW
Calcium	4.7		mg/L	1.0	0.57	1	379027	08/12/25	08/13/25	SBW
Iron	ND		mg/L	0.10	0.041	1	379027	08/12/25	08/13/25	SBW
Magnesium	0.13		mg/L	0.10	0.025	1	379027	08/12/25	08/13/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	379027	08/12/25	08/13/25	SBW
Potassium	0.88		mg/L	0.50	0.42	1	379027	08/12/25	08/13/25	SBW
Sodium	220		mg/L	0.50	0.34	1	379027	08/12/25	08/13/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Acetone	ND		ug/L	100	14	1	379843	08/21/25	08/21/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379843	08/21/25	08/21/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloroform	ND		ug/L	5.0	0.08	1	379843	08/21/25	08/21/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST

Analysis Results for 539738

539738-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379843	08/21/25	08/21/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379843	08/21/25	08/21/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379843	08/21/25	08/21/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379843	08/21/25	08/21/25	ZST
Surrogates				Limits						
Dibromofluoromethane	103%	%REC	70-130		1	379843	08/21/25	08/21/25		ZST
1,2-Dichloroethane-d4	98%	%REC	70-130		1	379843	08/21/25	08/21/25		ZST
Toluene-d8	99%	%REC	70-130		1	379843	08/21/25	08/21/25		ZST
Bromofluorobenzene	96%	%REC	70-130		1	379843	08/21/25	08/21/25		ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 539738

539738-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	379053	08/13/25	08/13/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	379053	08/13/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379161	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.24	1	380079	08/22/25	08/24/25	AXS
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	120		mg/L	3.3		1.7	379680	08/19/25	08/19/25	ARM
Alkalinity, Total as CaCO3	130		mg/L	3.3		1.7	379680	08/19/25	08/19/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	650		mg/L	20		2	379118	08/13/25	08/14/25	RDL

Analysis Results for 539738

Sample ID: DW-30
Lab ID: 539738-003
Collected: 08/11/25 10:50
Matrix: Water

539738-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.88		mg/L	0.20	0.073	1	379028	08/12/25 18:00	08/12/25 20:58	KUM
Chloride	58		mg/L	1.0	0.27	1	379028	08/12/25 18:00	08/12/25 20:58	KUM
Bromide	0.12	J	mg/L	0.30	0.060	1	379028	08/12/25 18:00	08/12/25 20:58	KUM
Nitrogen, Nitrate	0.24		mg/L	0.10	0.05	1	379028	08/12/25 18:00	08/12/25 20:58	KUM
Sulfate	300		mg/L	10	1.8	10	379028	08/12/25 18:00	08/12/25 22:06	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379929	08/21/25	08/22/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.21		mg/L	0.050	0.0062	1	379027	08/12/25	08/13/25	SBW
Calcium	37		mg/L	1.0	0.57	1	379027	08/12/25	08/13/25	SBW
Iron	0.28		mg/L	0.10	0.041	1	379027	08/12/25	08/13/25	SBW
Magnesium	5.9		mg/L	0.10	0.025	1	379027	08/12/25	08/13/25	SBW
Manganese	0.031		mg/L	0.010	0.0029	1	379027	08/12/25	08/13/25	SBW
Potassium	1.8		mg/L	0.50	0.42	1	379027	08/12/25	08/13/25	SBW
Sodium	190		mg/L	0.50	0.34	1	379027	08/12/25	08/13/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Acetone	ND		ug/L	100	14	1	379843	08/21/25	08/21/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379843	08/21/25	08/21/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloroform	ND		ug/L	5.0	0.08	1	379843	08/21/25	08/21/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST

Analysis Results for 539738

539738-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379843	08/21/25	08/21/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Tetrachloroethene	0.4	J	ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379843	08/21/25	08/21/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379843	08/21/25	08/21/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379843	08/21/25	08/21/25	ZST
Surrogates			Limits							
Dibromofluoromethane	106%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane-d4	100%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Toluene-d8	99%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Bromofluorobenzene	94%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 539738

539738-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	379053	08/13/25	08/13/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	379053	08/13/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379161	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.24	1	380079	08/22/25	08/24/25	AXS
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	170		mg/L	3.3		1.7	379680	08/19/25	08/19/25	ARM
Alkalinity, Total as CaCO3	170		mg/L	3.3		1.7	379680	08/19/25	08/19/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	730		mg/L	20		2	379118	08/13/25	08/14/25	RDL

Analysis Results for 539738

Sample ID: DW-31
Lab ID: 539738-004
Collected: 08/11/25 11:48
Matrix: Water

539738-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.24		mg/L	0.20	0.073	1	379028	08/12/25 18:00	08/12/25 22:22	KUM
Chloride	85		mg/L	1.0	0.27	1	379028	08/12/25 18:00	08/12/25 22:22	KUM
Bromide	0.52		mg/L	0.30	0.060	1	379028	08/12/25 18:00	08/12/25 22:22	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	379028	08/12/25 18:00	08/12/25 22:22	KUM
Sulfate	290		mg/L	10	1.8	10	379028	08/12/25 18:00	08/12/25 22:39	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	379929	08/21/25	08/22/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	26		mg/L	4.0	2.0	1	379259	08/14/25	08/14/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.48		mg/L	0.050	0.0062	1	379027	08/12/25	08/13/25	SBW
Calcium	150		mg/L	1.0	0.57	1	379027	08/12/25	08/13/25	SBW
Iron	0.25		mg/L	0.10	0.041	1	379027	08/12/25	08/13/25	SBW
Magnesium	28		mg/L	0.10	0.025	1	379027	08/12/25	08/13/25	SBW
Manganese	0.76		mg/L	0.010	0.0029	1	379027	08/12/25	08/13/25	SBW
Potassium	1.6		mg/L	0.50	0.42	1	379027	08/12/25	08/13/25	SBW
Sodium	120		mg/L	0.50	0.34	1	379027	08/12/25	08/13/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Acetone	ND		ug/L	100	14	1	379843	08/21/25	08/21/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Methylene Chloride	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379843	08/21/25	08/21/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloroform	ND		ug/L	5.0	0.08	1	379843	08/21/25	08/21/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST

Analysis Results for 539738

539738-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379843	08/21/25	08/21/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379843	08/21/25	08/21/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379843	08/21/25	08/21/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379843	08/21/25	08/21/25	ZST
Surrogates			Limits							
Dibromofluoromethane	107%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane-d4	102%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Toluene-d8	98%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 539738

539738-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	9.7		ug/L	1.0	0.95	1	379053	08/13/25	08/13/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	106%		%REC	80-120		1	379053	08/13/25	08/13/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	379161	08/13/25	08/13/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	8.1		mg/L	1.0	0.24	1	380079	08/22/25	08/24/25	AXS
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	350		mg/L	5.0	2.5	379680	08/19/25	08/19/25	08/19/25	ARM
Alkalinity, Total as CaCO3	350		mg/L	5.0	2.5	379680	08/19/25	08/19/25	08/19/25	ARM
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	980		mg/L	20		2	379118	08/13/25	08/14/25	RDL

Analysis Results for 539738

Sample ID: QCFB
Lab ID: 539738-005
Collected: 08/11/25 09:32
Matrix: Water

539738-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloromethane	0.2	J	ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Acetone	ND		ug/L	100	14	1	379843	08/21/25	08/21/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Methylene Chloride	0.3	J	ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379843	08/21/25	08/21/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloroform	0.7	J	ug/L	5.0	0.08	1	379843	08/21/25	08/21/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379843	08/21/25	08/21/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379843	08/21/25	08/21/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379843	08/21/25	08/21/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST

Analysis Results for 539738

539738-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379843	08/21/25	08/21/25	ZST
Surrogates	Limits									
Dibromofluoromethane	104%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane-d4	100%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Toluene-d8	100%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST

Analysis Results for 539738

Sample ID: QCTB
Lab ID: 539738-006
Collected: 08/11/25
Matrix: Water

539738-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloromethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Acetone	ND		ug/L	100	14	1	379843	08/21/25	08/21/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Methylene Chloride	0.5	J	ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
2-Butanone	ND		ug/L	100	1.3	1	379843	08/21/25	08/21/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Chloroform	0.8	J	ug/L	5.0	0.08	1	379843	08/21/25	08/21/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Dibromomethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	379843	08/21/25	08/21/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	1	379843	08/21/25	08/21/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	1	379843	08/21/25	08/21/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	379843	08/21/25	08/21/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromoform	ND		ug/L	5.0	0.06	1	379843	08/21/25	08/21/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST

Analysis Results for 539738

539738-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	379843	08/21/25	08/21/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	379843	08/21/25	08/21/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Naphthalene	ND		ug/L	5.0	0.6	1	379843	08/21/25	08/21/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	379843	08/21/25	08/21/25	ZST
Xylene (total)	ND		ug/L	5.0		1	379843	08/21/25	08/21/25	ZST
Surrogates	Limits									
Dibromofluoromethane	106%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
1,2-Dichloroethane-d4	99%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Toluene-d8	97%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	379843	08/21/25	08/21/25	ZST

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1283615	Batch: 379028
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1283615 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	08/12/25 18:00	08/12/25 18:26
Chloride	ND		mg/L	1.0	0.27	08/12/25 18:00	08/12/25 18:26
Bromide	ND		mg/L	0.30	0.060	08/12/25 18:00	08/12/25 18:26
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	08/12/25 18:00	08/12/25 18:26
Sulfate	ND		mg/L	1.0	0.18	08/12/25 18:00	08/12/25 18:26

Type: Lab Control Sample	Lab ID: QC1283616	Batch: 379028
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1283616 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.699	10.00	mg/L	97%		90-110
Chloride	45.99	50.00	mg/L	92%		90-110
Bromide	14.38	15.00	mg/L	96%		90-110
Nitrogen, Nitrate	4.482	4.518	mg/L	99%		90-110
Sulfate	24.55	25.00	mg/L	98%		90-110

Type: Matrix Spike	Lab ID: QC1283617	Batch: 379028
Matrix (Source ID): Water (539738-001)	Method: EPA 300.0	Prep Method: METHOD

QC1283617 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.51	0.4073	20.00	mg/L	101%		80-129	1
Chloride	190.9	94.46	100.0	mg/L	96%		80-123	1
Bromide	14.60	0.09811	15.00	mg/L	97%		80-121	1
Nitrogen, Nitrate	9.400	0.2974	9.036	mg/L	101%		80-123	1
Sulfate	78.20	29.15	50.00	mg/L	98%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1283618	Batch: 379028
Matrix (Source ID): Water (539738-001)	Method: EPA 300.0	Prep Method: METHOD

QC1283618 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.76	0.4073	20.00	mg/L	102%		80-129	1	21	1
Chloride	192.2	94.46	100.0	mg/L	98%		80-123	1	20	1
Bromide	14.81	0.09811	15.00	mg/L	98%		80-121	1	20	1
Nitrogen, Nitrate	9.526	0.2974	9.036	mg/L	102%		80-123	1	20	1
Sulfate	78.80	29.15	50.00	mg/L	99%		79-124	1	20	1

Type: Blank	Lab ID: QC1286769	Batch: 379929
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1286769 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	08/21/25	08/22/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1286770	Batch: 379929
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1286770 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.026	1.000	mg/L	103%		90-110

Type: Matrix Spike	Lab ID: QC1286771	Batch: 379929
Matrix (Source ID): Water (539738-001)	Method: EPA 350.1	Prep Method: METHOD

QC1286771 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9573	ND	1.000	mg/L	96%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1286772	Batch: 379929
Matrix (Source ID): Water (539738-001)	Method: EPA 350.1	Prep Method: METHOD

QC1286772 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.8513	ND	1.000	mg/L	85%	*	90-110	12	20	1

Type: Matrix Spike	Lab ID: QC1286773	Batch: 379929
Matrix (Source ID): Water (539738-002)	Method: EPA 350.1	Prep Method: METHOD

QC1286773 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9796	ND	1.000	mg/L	98%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1286774	Batch: 379929
Matrix (Source ID): Water (539738-002)	Method: EPA 350.1	Prep Method: METHOD

QC1286774 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.021	ND	1.000	mg/L	102%		90-110	4	20	1

Type: Blank	Lab ID: QC1284339	Batch: 379259
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1284339 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	08/14/25	08/14/25

Type: Lab Control Sample	Lab ID: QC1284340	Batch: 379259
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1284340 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	100.0	100.0	mg/L	100%		90-110

Batch QC

Type: Matrix Spike	Lab ID: QC1284341	Batch: 379259
Matrix (Source ID): Water (539423-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284341 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	102.0	3.000	100.0	mg/L	99%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1284342	Batch: 379259
Matrix (Source ID): Water (539423-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284342 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	100.0	3.000	100.0	mg/L	97%		75-125	2	20	2

Type: Matrix Spike	Lab ID: QC1284343	Batch: 379259
Matrix (Source ID): Water (539738-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284343 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1284344	Batch: 379259
Matrix (Source ID): Water (539738-001)	Method: EPA 410.4	Prep Method: METHOD

QC1284344 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	88.00	ND	100.0	mg/L	88%		75-125	0	20	2

Type: Lab Control Sample	Lab ID: QC1283597	Batch: 379027
Matrix: Filtrate	Method: EPA 6010B	Prep Method: EPA 3015A

QC1283597 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3539	0.4000	mg/L	88%		80-120
Calcium	18.59	20.40	mg/L	91%		80-120
Iron	0.3848	0.4000	mg/L	96%		80-120
Magnesium	19.26	20.40	mg/L	94%		80-120
Manganese	0.3782	0.4000	mg/L	95%		80-120
Potassium	21.93	24.00	mg/L	91%		80-120
Sodium	19.04	20.40	mg/L	93%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1283598	Batch: 379027
Matrix (Source ID): Water (539652-007)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1283598 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.3575	ND	0.4000	mg/L	89%		75-125	1
Calcium	18.43	ND	20.40	mg/L	90%		75-125	1
Iron	0.3928	ND	0.4000	mg/L	98%		75-125	1
Magnesium	19.07	ND	20.40	mg/L	93%		75-125	1
Manganese	0.3755	ND	0.4000	mg/L	94%		75-125	1
Potassium	21.83	ND	24.00	mg/L	91%		75-125	1
Sodium	18.96	ND	20.40	mg/L	93%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1283599	Batch: 379027
Matrix (Source ID): Water (539652-007)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1283599 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.3600	ND	0.4000	mg/L	90%		75-125	1	20	1
Calcium	18.56	ND	20.40	mg/L	91%		75-125	1	20	1
Iron	0.3934	ND	0.4000	mg/L	98%		75-125	0	22	1
Magnesium	19.22	ND	20.40	mg/L	94%		75-125	1	20	1
Manganese	0.3781	ND	0.4000	mg/L	95%		75-125	1	20	1
Potassium	21.94	ND	24.00	mg/L	91%		75-125	1	20	1
Sodium	18.96	ND	20.40	mg/L	93%		75-125	0	20	1

Type: Blank	Lab ID: QC1283628	Batch: 379027
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1283628 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	08/12/25	08/13/25
Calcium	ND		mg/L	1.0	0.57	08/12/25	08/13/25
Iron	ND		mg/L	0.10	0.046	08/12/25	08/13/25
Magnesium	ND		mg/L	0.10	0.025	08/12/25	08/13/25
Manganese	ND		mg/L	0.010	0.0029	08/12/25	08/13/25
Potassium	ND		mg/L	0.50	0.40	08/12/25	08/13/25
Sodium	ND		mg/L	0.60	0.35	08/12/25	08/13/25

Batch QC

Type: Serial Dilution	Lab ID: QC1283630	Batch: 379027
Matrix (Source ID): Water (539652-007)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1283630 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	ND	ND	mg/L				5
Calcium	ND	ND	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	ND	ND	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	ND	mg/L				5
Sodium	ND	ND	mg/L				5

Type: Lab Control Sample	Lab ID: QC1286092	Batch: 379732
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286092 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	51.29	50.00	ug/L	103%		69-128
MTBE	47.11	50.00	ug/L	94%		66-125
Benzene	51.14	50.00	ug/L	102%		76-121
Trichloroethene	52.92	50.00	ug/L	106%		76-124
Toluene	50.79	50.00	ug/L	102%		76-120
Chlorobenzene	49.63	50.00	ug/L	99%		78-120
Surrogates						
Dibromofluoromethane	48.74	50.00	ug/L	97%		70-130
1,2-Dichloroethane-d4	48.64	50.00	ug/L	97%		70-130
Toluene-d8	50.78	50.00	ug/L	102%		70-130
Bromofluorobenzene	50.86	50.00	ug/L	102%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1286093	Batch: 379732
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286093 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	50.41	50.00	ug/L	101%		69-128	2	23
MTBE	46.30	50.00	ug/L	93%		66-125	2	22
Benzene	49.67	50.00	ug/L	99%		76-121	3	21
Trichloroethene	50.83	50.00	ug/L	102%		76-124	4	22
Toluene	49.19	50.00	ug/L	98%		76-120	3	21
Chlorobenzene	48.78	50.00	ug/L	98%		78-120	2	20
Surrogates								
Dibromofluoromethane	48.93	50.00	ug/L	98%		70-130		
1,2-Dichloroethane-d4	48.46	50.00	ug/L	97%		70-130		
Toluene-d8	50.16	50.00	ug/L	100%		70-130		
Bromofluorobenzene	49.47	50.00	ug/L	99%		70-130		

Batch QC

Type: Blank	Lab ID: QC1286097	Batch: 379732
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286097 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.3	08/20/25	08/20/25
Freon 12	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Chloromethane	ND		ug/L	5.0	0.4	08/20/25	08/20/25
Vinyl Chloride	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Bromomethane	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Chloroethane	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Trichlorofluoromethane	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Acetone	ND		ug/L	100	16	08/20/25	08/20/25
Freon 113	ND		ug/L	5.0	0.1	08/20/25	08/20/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Methylene Chloride	ND		ug/L	5.0	0.2	08/20/25	08/20/25
MTBE	ND		ug/L	5.0	0.03	08/20/25	08/20/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,1-Dichloroethane	ND		ug/L	5.0	0.05	08/20/25	08/20/25
2-Butanone	ND		ug/L	100	1.3	08/20/25	08/20/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.05	08/20/25	08/20/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Chloroform	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Bromochloromethane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.07	08/20/25	08/20/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Carbon Tetrachloride	ND		ug/L	5.0	0.09	08/20/25	08/20/25
1,2-Dichloroethane	ND		ug/L	5.0	0.06	08/20/25	08/20/25
Benzene	ND		ug/L	5.0	0.04	08/20/25	08/20/25
Trichloroethene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Bromodichloromethane	ND		ug/L	5.0	0.07	08/20/25	08/20/25
Dibromomethane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.7	08/20/25	08/20/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
Toluene	ND		ug/L	5.0	0.2	08/20/25	08/20/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
1,3-Dichloropropane	ND		ug/L	5.0	0.05	08/20/25	08/20/25
Tetrachloroethene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Dibromochloromethane	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,2-Dibromoethane	ND		ug/L	5.0	0.06	08/20/25	08/20/25
Chlorobenzene	ND		ug/L	5.0	0.07	08/20/25	08/20/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.05	08/20/25	08/20/25
Ethylbenzene	ND		ug/L	5.0	0.05	08/20/25	08/20/25
m,p-Xylenes	ND		ug/L	10	0.09	08/20/25	08/20/25
o-Xylene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
Styrene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
Bromoform	ND		ug/L	5.0	0.09	08/20/25	08/20/25
Isopropylbenzene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	08/20/25	08/20/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.1	08/20/25	08/20/25

Batch QC

QC1286097 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.05	08/20/25	08/20/25
Bromobenzene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.05	08/20/25	08/20/25
2-Chlorotoluene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
4-Chlorotoluene	ND		ug/L	5.0	0.05	08/20/25	08/20/25
tert-Butylbenzene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.08	08/20/25	08/20/25
sec-Butylbenzene	ND		ug/L	5.0	0.07	08/20/25	08/20/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.06	08/20/25	08/20/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
n-Butylbenzene	ND		ug/L	5.0	0.04	08/20/25	08/20/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.4	08/20/25	08/20/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Hexachlorobutadiene	ND		ug/L	5.0	0.1	08/20/25	08/20/25
Naphthalene	ND		ug/L	5.0	0.2	08/20/25	08/20/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.09	08/20/25	08/20/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/20/25	08/20/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.2	08/20/25	08/20/25
Xylene (total)	ND		ug/L	5.0		08/20/25	08/20/25
Surrogates	Limits						
Dibromofluoromethane	97%		%REC	70-130		08/20/25	08/20/25
1,2-Dichloroethane-d4	99%		%REC	70-130		08/20/25	08/20/25
Toluene-d8	102%		%REC	70-130		08/20/25	08/20/25
Bromofluorobenzene	101%		%REC	70-130		08/20/25	08/20/25

Type: Matrix Spike	Lab ID: QC1286256	Batch: 379732
Matrix (Source ID): Water (539738-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286256 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	20.76	ND	20.00	ug/L	104%		62-131	1
MTBE	20.14	ND	20.00	ug/L	101%		61-124	1
Benzene	21.91	ND	20.00	ug/L	110%		70-123	1
Trichloroethene	22.13	ND	20.00	ug/L	111%		65-131	1
Toluene	21.57	ND	20.00	ug/L	108%		69-120	1
Chlorobenzene	22.21	ND	20.00	ug/L	111%		72-121	1
Surrogates								
Dibromofluoromethane	48.75		50.00	ug/L	97%		70-130	1
1,2-Dichloroethane-d4	51.16		50.00	ug/L	102%		70-130	1
Toluene-d8	49.63		50.00	ug/L	99%		70-130	1
Bromofluorobenzene	48.51		50.00	ug/L	97%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1286257	Batch: 379732
Matrix (Source ID): Water (539738-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286257 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	21.72	ND	20.00	ug/L	109%		62-131	4	31	1
MTBE	21.10	ND	20.00	ug/L	106%		61-124	5	30	1
Benzene	22.60	ND	20.00	ug/L	113%		70-123	3	31	1
Trichloroethene	22.06	ND	20.00	ug/L	110%		65-131	0	31	1
Toluene	21.50	ND	20.00	ug/L	108%		69-120	0	29	1
Chlorobenzene	22.07	ND	20.00	ug/L	110%		72-121	1	29	1
Surrogates										
Dibromofluoromethane	50.11		50.00	ug/L	100%		70-130			1
1,2-Dichloroethane-d4	52.87		50.00	ug/L	106%		70-130			1
Toluene-d8	48.69		50.00	ug/L	97%		70-130			1
Bromofluorobenzene	48.93		50.00	ug/L	98%		70-130			1

Batch QC

Type: Blank	Lab ID: QC1286470	Batch: 379843
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286470 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
Freon 12	ND		ug/L	5.0	0.2	08/21/25	08/21/25
Chloromethane	ND		ug/L	5.0	0.09	08/21/25	08/21/25
Vinyl Chloride	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Bromomethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Chloroethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Trichlorofluoromethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Acetone	ND		ug/L	100	14	08/21/25	08/21/25
Freon 113	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Methylene Chloride	ND		ug/L	5.0	0.2	08/21/25	08/21/25
MTBE	ND		ug/L	5.0	0.1	08/21/25	08/21/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	08/21/25	08/21/25
2-Butanone	ND		ug/L	100	1.3	08/21/25	08/21/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	08/21/25	08/21/25
Chloroform	ND		ug/L	5.0	0.08	08/21/25	08/21/25
Bromochloromethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1-Dichloropropene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	08/21/25	08/21/25
Benzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Trichloroethene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2-Dichloropropane	ND		ug/L	5.0	0.09	08/21/25	08/21/25
Bromodichloromethane	ND		ug/L	5.0	0.07	08/21/25	08/21/25
Dibromomethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	08/21/25	08/21/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Toluene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.09	08/21/25	08/21/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,3-Dichloropropane	ND		ug/L	5.0	0.07	08/21/25	08/21/25
Tetrachloroethene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
Dibromochloromethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2-Dibromoethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Chlorobenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.07	08/21/25	08/21/25
Ethylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
m,p-Xylenes	ND		ug/L	10	0.2	08/21/25	08/21/25
o-Xylene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Styrene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Bromoform	ND		ug/L	5.0	0.06	08/21/25	08/21/25
Isopropylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.3	08/21/25	08/21/25

Batch QC

QC1286470 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
Bromobenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
4-Chlorotoluene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
tert-Butylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	08/21/25	08/21/25
n-Butylbenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	08/21/25	08/21/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.6	08/21/25	08/21/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	08/21/25	08/21/25
Hexachlorobutadiene	ND		ug/L	5.0	0.3	08/21/25	08/21/25
Naphthalene	ND		ug/L	5.0	0.6	08/21/25	08/21/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	08/21/25	08/21/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/21/25	08/21/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	08/21/25	08/21/25
Xylene (total)	ND		ug/L	5.0		08/21/25	08/21/25
Surrogates				Limits			
Dibromofluoromethane	105%		%REC	70-130		08/21/25	08/21/25
1,2-Dichloroethane-d4	100%		%REC	70-130		08/21/25	08/21/25
Toluene-d8	99%		%REC	70-130		08/21/25	08/21/25
Bromofluorobenzene	95%		%REC	70-130		08/21/25	08/21/25

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1286471
Method: EPA 8260B

Batch: 379843
Prep Method: EPA 5030B

QC1286471 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.92	50.00	ug/L	102%		69-128
MTBE	51.73	50.00	ug/L	103%		66-125
Benzene	52.82	50.00	ug/L	106%		76-121
Trichloroethene	52.86	50.00	ug/L	106%		76-124
Toluene	53.08	50.00	ug/L	106%		76-120
Chlorobenzene	53.04	50.00	ug/L	106%		78-120
Surrogates						
Dibromofluoromethane	51.54	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	49.59	50.00	ug/L	99%		70-130
Toluene-d8	49.65	50.00	ug/L	99%		70-130
Bromofluorobenzene	47.11	50.00	ug/L	94%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1286472	Batch: 379843
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286472 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.05	50.00	ug/L	92%		69-128	10	23
MTBE	48.74	50.00	ug/L	97%		66-125	6	22
Benzene	48.72	50.00	ug/L	97%		76-121	8	21
Trichloroethene	48.11	50.00	ug/L	96%		76-124	9	22
Toluene	48.17	50.00	ug/L	96%		76-120	10	21
Chlorobenzene	48.05	50.00	ug/L	96%		78-120	10	20
Surrogates								
Dibromofluoromethane	51.53	50.00	ug/L	103%		70-130		
1,2-Dichloroethane-d4	49.13	50.00	ug/L	98%		70-130		
Toluene-d8	48.91	50.00	ug/L	98%		70-130		
Bromofluorobenzene	45.68	50.00	ug/L	91%		70-130		

Type: Matrix Spike	Lab ID: QC1286528	Batch: 379843
Matrix (Source ID): Water (540387-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286528 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	1,063	ND	1000	ug/L	106%		62-131	50
MTBE	1,021	ND	1000	ug/L	102%		61-124	50
Benzene	1,133	27.93	1000	ug/L	110%		70-123	50
Trichloroethene	1,156	ND	1000	ug/L	116%		65-131	50
Toluene	1,126	17.91	1000	ug/L	111%		69-120	50
Chlorobenzene	1,111	ND	1000	ug/L	111%		72-121	50
Surrogates								
Dibromofluoromethane	2,597		2500	ug/L	104%		70-130	50
1,2-Dichloroethane-d4	2,511		2500	ug/L	100%		70-130	50
Toluene-d8	2,503		2500	ug/L	100%		70-130	50
Bromofluorobenzene	2,328		2500	ug/L	93%		70-130	50

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1286529	Batch: 379843
Matrix (Source ID): Water (540387-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1286529 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	1,117	ND	1000	ug/L	112%		62-131	5	31	50
MTBE	1,065	ND	1000	ug/L	107%		61-124	4	30	50
Benzene	1,176	27.93	1000	ug/L	115%		70-123	4	31	50
Trichloroethene	1,131	ND	1000	ug/L	113%		65-131	2	31	50
Toluene	1,112	17.91	1000	ug/L	109%		69-120	1	29	50
Chlorobenzene	1,104	ND	1000	ug/L	110%		72-121	1	29	50
Surrogates										
Dibromofluoromethane	2,701		2500	ug/L	108%		70-130			50
1,2-Dichloroethane-d4	2,766		2500	ug/L	111%		70-130			50
Toluene-d8	2,493		2500	ug/L	100%		70-130			50
Bromofluorobenzene	2,356		2500	ug/L	94%		70-130			50

Type: Blank	Lab ID: QC1283710	Batch: 379053
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1283710 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	08/13/25	08/13/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	105%		%REC	80-120		08/13/25	08/13/25

Type: Lab Control Sample	Lab ID: QC1283711	Batch: 379053
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1283711 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	10.05	10.00	ug/L	101%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.31	10.00	ug/L	103%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1283712	Batch: 379053
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1283712 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.921	10.00	ug/L	99%		79-120	1	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.24	10.00	ug/L	102%		80-120		

Type: Blank	Lab ID: QC1284050	Batch: 379161
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1284050 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		08/13/25	08/13/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1284051	Batch: 379161
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1284051 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1284052	Batch: 379161
Matrix (Source ID): Water (539841-005)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1284052 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1284053	Batch: 379161
Matrix (Source ID): Water (539841-005)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1284053 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type: Blank	Lab ID: QC1287276	Batch: 380079
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1287276 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.24	08/22/25	08/23/25

Type: Lab Control Sample	Lab ID: QC1287277	Batch: 380079
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1287277 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	24.28	25.00	mg/L	97%		85-115

Type: Matrix Spike	Lab ID: QC1287278	Batch: 380079
Matrix (Source ID): Water (539738-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1287278 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	27.91	0.9392	25.00	mg/L	108%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1287279	Batch: 380079
Matrix (Source ID): Water (539738-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1287279 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	28.63	0.9392	25.00	mg/L	111%		75-125	3	25	1

Batch QC

Type: Blank	Lab ID: QC1285918	Batch: 379680
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1285918 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		08/19/25	08/19/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		08/19/25	08/19/25

Type: Lab Control Sample	Lab ID: QC1285919	Batch: 379680
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1285919 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	898.9	1000	mg/L	90%		90-110

Type: Sample Duplicate	Lab ID: QC1285920	Batch: 379680
Matrix (Source ID): Water (539618-002)	Method: SM2320B	Prep Method: METHOD

QC1285920 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	112.6	110.8	mg/L		2	20	2.5
Alkalinity, Total as CaCO ₃	112.6	110.8	mg/L		2	20	2.5

Type: Blank	Lab ID: QC1283890	Batch: 379118
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1283890 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		08/13/25	08/14/25

Type: Lab Control Sample	Lab ID: QC1283891	Batch: 379118
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1283891 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,024	1000	mg/L	102%		90-110

Type: Sample Duplicate	Lab ID: QC1283892	Batch: 379118
Matrix (Source ID): Water (539509-001)	Method: SM2540C	Prep Method: METHOD

QC1283892 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	2,548	2546	mg/L		0	5	2

Type: Sample Duplicate	Lab ID: QC1283893	Batch: 379118
Matrix (Source ID): Water (539686-002)	Method: SM2540C	Prep Method: METHOD

QC1283893 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,596	1630	mg/L		2	5	2

Batch QC

* Value is outside QC limits
ND Not Detected

Laboratory Job Number 539738

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2508891

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-539738

Project Location:

Project Received: 08/14/2025

Analytical Report reviewed & approved for release on 08/18/2025 by:

Jena Alfaro

Project Manager

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:** 2508891**Project:** EO-539738

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2508891

Project: EO-539738

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 08/14/2025 9:24
Date Prepared: 08/18/2025
Project: EO-539738

WorkOrder: 2508891
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	2508891-001A	Water	08/11/2025 08:15	GC26 0818250904.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	350	50	50	1	08/18/2025 10:38

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-17	2508891-002A	Water	08/11/2025 09:29	GC26 0818250905.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	310	50	50	1	08/18/2025 11:05

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-30	2508891-003A	Water	08/11/2025 10:50	GC26 0818250907.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	2600	100	100	2	08/18/2025 11:32

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 08/14/2025 9:24
Date Prepared: 08/18/2025
Project: EO-539738

WorkOrder: 2508891
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	2508891-004A	Water	08/11/2025 11:48	GC26 0818250909.D	323908

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	38,000	2000	2000	40	08/18/2025 13:08

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 08/18/2025
Date Analyzed: 08/18/2025
Instrument: GC26
Matrix: Water
Project: EO-539738

WorkOrder: 2508891
BatchID: 323908
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-323908

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	140	130	187.2	75	70	70-130	6.79	30

McCampbell Analytical, Inc.



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

☐ WaterTrax ☐ CLIP ☐ EDF

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2508891

ClientCode: ENO

QuoteID: 252619

☐ EQulS ☐ Dry-Weight ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag
☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to:

Zach Barker
Enthalpy Analytical
931 West Barkley Avenue
Orange, CA 92868
714-771-6900 FAX:

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-539738

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 2 days;

Date Received: 08/14/2025

Date Logged: 08/14/2025

Lab ID	ClientSampleID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2508891-001	DW-14	Water	8/11/2025 08:15	☐	A	A										
2508891-002	DW-17	Water	8/11/2025 09:29	☐	A	A										
2508891-003	DW-30	Water	8/11/2025 10:50	☐	A	A										
2508891-004	DW-31	Water	8/11/2025 11:48	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Valerie Alfaro

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



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-539738

Work Order: 2508891

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments

Date Logged: 8/14/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQuIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-14	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/11/2025 8:15	2 days	8/18/2025	Present	☐	☐
002A	DW-17	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/11/2025 9:29	2 days	8/18/2025	Trace	☐	☐
003A	DW-30	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/11/2025 10:50	2 days	8/18/2025	Present	☐	☐
004A	DW-31	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	8/11/2025 11:48	2 days	8/18/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.

HOLD TIME RUSH

2508891



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

Subcontract Laboratory:

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

Enthalpy Order: EO-539738

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

Results Due: Standard TAT
Report Level: II
Report To: MDL
EDDs: Standard Excel
EDD

Notes:

--

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-14	11-AUG-2025 08:15	539738-001	3	Water	RSK-175 CO2	
DW-17	11-AUG-2025 09:29	539738-002	3	Water	RSK-175 CO2	
DW-30	11-AUG-2025 10:50	539738-003	3	Water	RSK-175 CO2	
DW-31	11-AUG-2025 11:48	539738-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>[Signature]</i>	<i>FedEx</i>
	Date: 8-13-25 15:01	Date:
	<i>FedEx</i>	<i>[Signature]</i>
	Date:	Date: 8/14/25 0924
	Date:	Date:

TN:8835 5297 1761

2.3 wet
1 Rul



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-539738

Date and Time Received: 8/14/2025 09:24
Date Logged: 8/14/2025

WorkOrder №: 2508891 Matrix:
Carrier: FedEx

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: 2.3°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒

Comments:



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

enthalpy.com

Lab Job Number : 542252
Report Level : II
Report Date : 10/01/2025

Analytical Report *prepared for:*

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:

Zach Barker, Project Manager
zach.barker@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, CA ELAP #1338-S1, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105, ORELAP# 4197

Sample Summary

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo
Drive
Castaic, CA 91384

Lab Job #: 542252
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 09/16/25

Sample ID	Lab ID	Collected	Matrix
DW-12	542252-001	09/16/25 08:12	Water
DW-7	542252-002	09/16/25 09:13	Water
DW-18	542252-003	09/16/25 10:11	Water
DW-21	542252-004	09/16/25 10:55	Water
DW-31	542252-005	09/16/25 12:17	Water
QCFB	542252-006	09/16/25 12:19	Water
QCTB	542252-007	09/16/25 00:00	Water

Case Narrative

Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384
Steve Cassulo

Lab Job Number: 542252
Project No: GW MONITORING
Location: Chiquita Canyon
Landfill
Date Received: 09/16/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 09/17/25. The samples were received in good condition.

Volatile Organics by GC/MS (EPA 8260B):

- Low recoveries were observed for toluene and chlorobenzene in the MSD for batch 382964; the parent sample was not a project sample, the BS/BSD were within limits, and these low recoveries were not associated with any reported results. High RPD was observed for a number of analytes in the MS/MSD for batch 382964; the RPD was acceptable in the BS/BSD, and these analytes were not detected at or above the RL in the associated samples.
- No other analytical problems were encountered.

Semivolatile Organics by GC/MS SIM (EPA 8270C-SIM):

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

Ammonia and TKN- Semi-Automated Method (SM 4500-NH3-G):

No analytical problems were encountered.

RSK-175 CO2 (RSK-175):

McCampbell Analytical, Inc. in Pittsburg, CA performed the analysis (see sublab report section for certifications). Please see the McCampbell Analytical, Inc. case narrative.



ENTHALPY ANALYTICAL

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No: 542252

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: X

5 Day:

3 Day:

2 Day:

1 Day:

Sample Receipt Temp:

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

(lab use only)

PROJECT INFORMATION

Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

Analysis Request

VOCs (EPA 8260B)	X	1,4-Dioxane	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
DW-12	X																
DW-7	X																
DW-18	X																
DW-21	X																
DW-31	X																
QCFB	X																
QCTB	X																

Quarterly MPars

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



Login 542252



CUSTOMER INFORMATION

Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo
Report To:	Steve Cassulo	Number:	661-257-3655
Email:	Steven.Cassulo@wasteconnections.com	P.O. #:	
Address:	29201 Henry Mayo Drive	Address:	
	Castaic, CA, 91384		
Phone:	661-257-3655	Global ID:	L10003464243
Fax:		Sampled By:	Paul Chang

Test Instructions / Comments

Temp Ia-13
3.19/40.0

Signature

Print Name

Company / Title

Date / Time

1 Relinquished By:

1 Received By:

2 Relinquished By:

2 Received By:

3 Relinquished By:

3 Received By:

Paul Chang

Shirley Johnson

GEMA

GEMA

Leo Brada

Leo Brada

CAI

EA/NH

EA/NH

EA/NH

EA/NH

EA/NH

9/16/25 13:20

9/16/25 13:20

9/17/25 9:00

9/17/25 9:00

9/17/25 12:00

9/17/25 13:25

9-17-25 1440

SAMPLE RECEIPT CHECKLIST

Section 1: General Info

Date Received: 9/16/25 WO# 542252 Client: Chiquita Canyon Landfill

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

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

Shipping Info: walk-in

Section 3a: Condition / Packaging

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

Date Opened 9/16/25 By (initials) AXT Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

☒ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)

☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: +0.7

Cooler Temp (°C) #1: 9.6 #2: 8.9 #3: _____ #4: _____ #5: _____ #6: _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

☐ Within temp range 0.0 - 10.0°C or received on ice directly from field.

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

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

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?		X	
13) Are VOA vials free from headspace/bubbles > 6mm?		X	

Section 5: Explanations / Comments

☐ PM notified

Date Logged 9/16/25 By (print) AXT

Date Labeled 11 By (print) 4

(sign) [Signature]

(sign) [Signature]

ENTHALPY

Date Received: 9/17/25 WO# 542252 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)☐ Samples received on ice directly from the field; cooling process had begun. (if checked, skip temperatures)☐ Sample matrix doesn't require cooling (e.g. air, bulk PCB). (if checked, skip temperatures)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR 13 CF: +0.0

Cooler Temp (°C) #1: 3.1 / 3.1 #2: / #3: / #4: / #5: / #6: /

☐ 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?			
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		

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

[illegible]☐ No additional discrepancies

Date Logged 9/16/25 By (print) AXT (sign)

Date Labeled 9/16/25 By (print) AXT (sign)

Analysis Results for 542252

Steve Cassulo
Waste Connections
Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, CA 91384

Lab Job #: 542252
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 09/16/25

Sample ID: DW-12

Lab ID: 542252-001

Collected: 09/16/25 08:12

Matrix: Water

542252-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.59		mg/L	0.20	0.073	1	382184	09/17/25 16:00	09/17/25 19:03	KUM
Chloride	190		mg/L	1.0	0.27	1	382184	09/17/25 16:00	09/17/25 19:03	KUM
Bromide	0.58		mg/L	0.30	0.060	1	382184	09/17/25 16:00	09/17/25 19:03	KUM
Nitrogen, Nitrate	3.8		mg/L	0.10	0.05	1	382184	09/17/25 16:00	09/17/25 19:03	KUM
Sulfate	300		mg/L	10	1.8	10	382184	09/17/25 16:00	09/18/25 11:13	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382666	09/23/25	09/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.22		mg/L	0.050	0.0055	1	382216	09/17/25	09/17/25	TWJ
Calcium	25		mg/L	1.0	0.57	1	382216	09/17/25	09/17/25	TWJ
Iron	ND		mg/L	0.10	0.046	1	382216	09/17/25	09/17/25	TWJ
Magnesium	3.0		mg/L	0.10	0.025	1	382216	09/17/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382216	09/17/25	09/17/25	TWJ
Potassium	1.7		mg/L	0.50	0.40	1	382216	09/17/25	09/17/25	TWJ
Sodium	280		mg/L	0.60	0.35	1	382216	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	0.07	J	ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates										
				Limits						
Dibromofluoromethane	104%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	105%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	98%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ

Analysis Results for 542252

542252-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8270C-SIM										
Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	107%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA
Method: SM 4500-S2-D										
Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382319	09/18/25	09/18/25	TXC
Method: SM 5310B										
Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B										
Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	160		mg/L	5.0	2.5	382404	09/19/25	09/19/25	09/19/25	WWC
Alkalinity, Total as CaCO3	160		mg/L	5.0	2.5	382404	09/19/25	09/19/25	09/19/25	WWC
Method: SM2540C										
Prep Method: METHOD										
Total Dissolved Solids	940		mg/L	20		2	382289	09/18/25	09/22/25	JAG

Analysis Results for 542252

Sample ID: DW-7
Lab ID: 542252-002
Collected: 09/16/25 09:13
Matrix: Water

542252-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.14	J	mg/L	0.20	0.073	1	382184	09/17/25 16:00	09/17/25 19:20	KUM
Chloride	81		mg/L	1.0	0.27	1	382184	09/17/25 16:00	09/17/25 19:20	KUM
Bromide	0.12	J	mg/L	0.30	0.060	1	382184	09/17/25 16:00	09/17/25 19:20	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	382184	09/17/25 16:00	09/17/25 19:20	KUM
Sulfate	640		mg/L	10	1.8	10	382184	09/17/25 16:00	09/18/25 12:03	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382666	09/23/25	09/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.18		mg/L	0.050	0.0055	1	382216	09/17/25	09/17/25	TWJ
Calcium	34		mg/L	1.0	0.57	1	382216	09/17/25	09/17/25	TWJ
Iron	ND		mg/L	0.10	0.046	1	382216	09/17/25	09/17/25	TWJ
Magnesium	1.6		mg/L	0.10	0.025	1	382216	09/17/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382216	09/17/25	09/17/25	TWJ
Potassium	1.0		mg/L	0.50	0.40	1	382216	09/17/25	09/17/25	TWJ
Sodium	340		mg/L	0.60	0.35	1	382216	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	0.06	J	ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates										
			Limits							
Dibromofluoromethane	106%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	109%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	99%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates										
			Limits							
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Analysis Results for 542252

542252-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382319	09/18/25	09/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO ₃	100		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Alkalinity, Total as CaCO ₃	100		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,200		mg/L	20		2	382289	09/18/25	09/22/25	JAG

Analysis Results for 542252

Sample ID: DW-18
Lab ID: 542252-003
Collected: 09/16/25 10:11
Matrix: Water

542252-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.25		mg/L	0.20	0.073	1	382184	09/17/25 16:00	09/18/25 08:41	KUM
Chloride	110		mg/L	1.0	0.27	1	382184	09/17/25 16:00	09/18/25 08:41	KUM
Bromide	0.24	J	mg/L	0.30	0.060	1	382184	09/17/25 16:00	09/18/25 08:41	KUM
Nitrogen, Nitrate	3.0		mg/L	0.10	0.05	1	382184	09/17/25 16:00	09/18/25 08:41	KUM
Sulfate	340		mg/L	10	1.8	10	382184	09/17/25 16:00	09/18/25 12:20	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382666	09/23/25	09/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	4.0		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.37		mg/L	0.050	0.0055	1	382216	09/17/25	09/17/25	TWJ
Calcium	27		mg/L	1.0	0.57	1	382216	09/17/25	09/17/25	TWJ
Iron	ND		mg/L	0.10	0.046	1	382216	09/17/25	09/17/25	TWJ
Magnesium	2.3		mg/L	0.10	0.025	1	382216	09/17/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382216	09/17/25	09/17/25	TWJ
Potassium	1.5		mg/L	0.50	0.40	1	382216	09/17/25	09/17/25	TWJ
Sodium	290		mg/L	0.60	0.35	1	382216	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	0.05	J	ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates										
			Limits							
Dibromofluoromethane	103%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	98%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates										
			Limits							
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Analysis Results for 542252

542252-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382319	09/18/25	09/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	2.6		mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO ₃	260		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Alkalinity, Total as CaCO ₃	260		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,000		mg/L	20		2	382289	09/18/25	09/22/25	JAG

Analysis Results for 542252

Sample ID: DW-21
Lab ID: 542252-004
Collected: 09/16/25 10:55
Matrix: Water

542252-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.86		mg/L	0.20	0.073	1	382184	09/17/25 16:00	09/18/25 08:58	KUM
Chloride	53		mg/L	1.0	0.27	1	382184	09/17/25 16:00	09/18/25 08:58	KUM
Bromide	0.13	J	mg/L	0.30	0.060	1	382184	09/17/25 16:00	09/18/25 08:58	KUM
Nitrogen, Nitrate	0.10		mg/L	0.10	0.05	1	382184	09/17/25 16:00	09/18/25 08:58	KUM
Sulfate	120		mg/L	10	1.8	10	382184	09/17/25 16:00	09/18/25 12:37	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382666	09/23/25	09/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.27		mg/L	0.050	0.0055	1	382216	09/17/25	09/17/25	TWJ
Calcium	3.7		mg/L	1.0	0.57	1	382216	09/17/25	09/17/25	TWJ
Iron	0.29		mg/L	0.10	0.046	1	382216	09/17/25	09/17/25	TWJ
Magnesium	0.22		mg/L	0.10	0.025	1	382216	09/17/25	09/17/25	TWJ
Manganese	ND		mg/L	0.010	0.0029	1	382216	09/17/25	09/17/25	TWJ
Potassium	0.41	J	mg/L	0.50	0.40	1	382216	09/17/25	09/17/25	TWJ
Sodium	140		mg/L	0.60	0.35	1	382216	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	0.04	J	ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates										
			Limits							
Dibromofluoromethane	105%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	107%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	95%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	98%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates										
			Limits							
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Analysis Results for 542252

542252-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382319	09/18/25	09/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.74	J	mg/L	1.0	0.49	1	382325	09/18/25	09/18/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO ₃	97		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Alkalinity, Total as CaCO ₃	150		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	440		mg/L	20		2	382289	09/18/25	09/22/25	JAG

Analysis Results for 542252

Sample ID: DW-31
Lab ID: 542252-005
Collected: 09/16/25 12:17
Matrix: Water

542252-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.25		mg/L	0.20	0.073	1	382184	09/17/25 16:00	09/18/25 09:15	KUM
Chloride	95		mg/L	1.0	0.27	1	382184	09/17/25 16:00	09/18/25 09:15	KUM
Bromide	0.52		mg/L	0.30	0.060	1	382184	09/17/25 16:00	09/18/25 09:15	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	382184	09/17/25 16:00	09/18/25 09:15	KUM
Sulfate	330		mg/L	10	1.8	10	382184	09/17/25 16:00	09/18/25 12:54	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	382666	09/23/25	09/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	30		mg/L	4.0	2.0	1	382560	09/22/25	09/22/25	RDL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.51		mg/L	0.050	0.0055	1	382216	09/17/25	09/17/25	TWJ
Calcium	170		mg/L	1.0	0.57	1	382216	09/17/25	09/17/25	TWJ
Iron	1.7		mg/L	0.10	0.046	1	382216	09/17/25	09/17/25	TWJ
Magnesium	31		mg/L	0.10	0.025	1	382216	09/17/25	09/17/25	TWJ
Manganese	0.80		mg/L	0.010	0.0029	1	382216	09/17/25	09/17/25	TWJ
Potassium	1.4		mg/L	0.50	0.40	1	382216	09/17/25	09/17/25	TWJ
Sodium	130		mg/L	0.60	0.35	1	382216	09/17/25	09/17/25	TWJ
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	ND		ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	0.03	J	ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates										
			Limits							
Dibromofluoromethane	106%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	99%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	7.5		ug/L	1.0	0.87	1	382258	09/18/25	09/19/25	ZFA
Surrogates										
			Limits							
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	382258	09/18/25	09/19/25	ZFA

Analysis Results for 542252

542252-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	382319	09/18/25	09/18/25	TXC
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	17		mg/L	1.0	0.49	1	382325	09/18/25	09/19/25	ARM
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO ₃	400		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Alkalinity, Total as CaCO ₃	400		mg/L	5.0		2.5	382404	09/19/25	09/19/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,100		mg/L	20		2	382289	09/18/25	09/22/25	JAG

Sample ID: QCFB

Lab ID: 542252-006

Collected: 09/16/25 12:19

Matrix: Water

542252-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	LYZ
Chloromethane	ND		ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	LYZ
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Methylene Chloride	0.7	J	ug/L	10	0.2	1	382964	09/26/25	09/26/25	LYZ
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
Benzene	ND		ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	LYZ
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	LYZ
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	LYZ
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	LYZ
Surrogates			Limits							
Dibromofluoromethane	105%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ
Bromofluorobenzene	97%		%REC	70-130		1	382964	09/26/25	09/26/25	LYZ

Analysis Results for 542252

Sample ID: QCTB	Lab ID: 542252-007	Collected: 09/16/25
	Matrix: Water	

542252-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
Freon 12	ND		ug/L	1.0	0.08	1	382964	09/26/25	09/26/25	EJB
Chloromethane	0.2	J	ug/L	1.0	0.09	1	382964	09/26/25	09/26/25	EJB
Vinyl Chloride	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	EJB
1,1-Dichloroethene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	EJB
Methylene Chloride	0.3	J	ug/L	10	0.2	1	382964	09/26/25	09/26/25	EJB
1,1-Dichloroethane	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	1	382964	09/26/25	09/26/25	EJB
1,2-Dichloroethane	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	EJB
Benzene	ND		ug/L	0.5	0.03	1	382964	09/26/25	09/26/25	EJB
Trichloroethene	ND		ug/L	0.5	0.05	1	382964	09/26/25	09/26/25	EJB
Tetrachloroethene	ND		ug/L	0.5	0.1	1	382964	09/26/25	09/26/25	EJB
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	1	382964	09/26/25	09/26/25	EJB
Surrogates				Limits						
Dibromofluoromethane	105%		%REC	70-130		1	382964	09/26/25	09/26/25	EJB
1,2-Dichloroethane-d4	108%		%REC	70-130		1	382964	09/26/25	09/26/25	EJB
Toluene-d8	96%		%REC	70-130		1	382964	09/26/25	09/26/25	EJB
Bromofluorobenzene	96%		%REC	70-130		1	382964	09/26/25	09/26/25	EJB

J Estimated value

ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1294544	Batch: 382184
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1294544 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	09/17/25 16:00	09/17/25 16:49
Chloride	ND		mg/L	1.0	0.27	09/17/25 16:00	09/17/25 16:49
Bromide	ND		mg/L	0.30	0.060	09/17/25 16:00	09/17/25 16:49
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	09/17/25 16:00	09/17/25 16:49
Sulfate	ND		mg/L	1.0	0.18	09/17/25 16:00	09/17/25 16:49

Type: Lab Control Sample	Lab ID: QC1294545	Batch: 382184
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1294545 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.843	10.00	mg/L	98%		90-110
Chloride	45.58	50.00	mg/L	91%		90-110
Bromide	13.85	15.00	mg/L	92%		90-110
Nitrogen, Nitrate	4.334	4.518	mg/L	96%		90-110
Sulfate	24.47	25.00	mg/L	98%		90-110

Type: Matrix Spike	Lab ID: QC1294546	Batch: 382184
Matrix (Source ID): Water (542336-001)	Method: EPA 300.0	Prep Method: METHOD

QC1294546 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.21	ND	20.00	mg/L	101%		80-129	1
Chloride	98.76	ND	100.0	mg/L	99%		80-123	1
Bromide	13.66	ND	15.00	mg/L	91%		80-121	1
Nitrogen, Nitrate	8.973	ND	9.036	mg/L	99%		80-123	1
Sulfate	54.06	4.683	50.00	mg/L	99%		79-124	1

Type: Matrix Spike Duplicate	Lab ID: QC1294547	Batch: 382184
Matrix (Source ID): Water (542336-001)	Method: EPA 300.0	Prep Method: METHOD

QC1294547 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.29	ND	20.00	mg/L	101%		80-129	0	21	1
Chloride	98.95	ND	100.0	mg/L	99%		80-123	0	20	1
Bromide	13.68	ND	15.00	mg/L	91%		80-121	0	20	1
Nitrogen, Nitrate	8.991	ND	9.036	mg/L	99%		80-123	0	20	1
Sulfate	54.19	4.683	50.00	mg/L	99%		79-124	0	20	1

Type: Blank	Lab ID: QC1296181	Batch: 382666
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1296181 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	09/23/25	09/24/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1296182	Batch: 382666
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1296182 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.028	1.000	mg/L	103%		90-110

Type: Matrix Spike	Lab ID: QC1296183	Batch: 382666
Matrix (Source ID): Water (542252-001)	Method: EPA 350.1	Prep Method: METHOD

QC1296183 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9455	ND	1.000	mg/L	95%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1296184	Batch: 382666
Matrix (Source ID): Water (542252-001)	Method: EPA 350.1	Prep Method: METHOD

QC1296184 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	1.001	ND	1.000	mg/L	100%		90-110	6	20	1

Type: Matrix Spike	Lab ID: QC1296185	Batch: 382666
Matrix (Source ID): Water (542252-002)	Method: EPA 350.1	Prep Method: METHOD

QC1296185 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9781	ND	1.000	mg/L	98%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1296186	Batch: 382666
Matrix (Source ID): Water (542252-002)	Method: EPA 350.1	Prep Method: METHOD

QC1296186 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	0.9374	ND	1.000	mg/L	94%		90-110	4	20	1

Type: Blank	Lab ID: QC1295844	Batch: 382560
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1295844 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	09/22/25	09/22/25

Type: Lab Control Sample	Lab ID: QC1295845	Batch: 382560
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1295845 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	93.00	100.0	mg/L	93%		90-110

Batch QC

Type: Matrix Spike	Lab ID: QC1295846	Batch: 382560
Matrix (Source ID): Water (542337-001)	Method: EPA 410.4	Prep Method: METHOD

QC1295846 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	90.00	ND	100.0	mg/L	90%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1295847	Batch: 382560
Matrix (Source ID): Water (542337-001)	Method: EPA 410.4	Prep Method: METHOD

QC1295847 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	86.00	ND	100.0	mg/L	86%		75-125	5	20	2

Type: Blank	Lab ID: QC1294652	Batch: 382216
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294652 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	09/17/25	09/17/25
Calcium	ND		mg/L	0.57	0.57	09/17/25	09/17/25
Iron	ND		mg/L	0.046	0.046	09/17/25	09/17/25
Magnesium	ND		mg/L	0.10	0.025	09/17/25	09/17/25
Manganese	ND		mg/L	0.010	0.0029	09/17/25	09/17/25
Potassium	ND		mg/L	0.50	0.40	09/17/25	09/17/25
Sodium	ND		mg/L	0.50	0.35	09/17/25	09/17/25

Type: Lab Control Sample	Lab ID: QC1294653	Batch: 382216
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294653 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3756	0.4000	mg/L	94%		80-120
Calcium	18.47	20.40	mg/L	91%		80-120
Iron	0.3727	0.4000	mg/L	93%		80-120
Magnesium	19.02	20.40	mg/L	93%		80-120
Manganese	0.3733	0.4000	mg/L	93%		80-120
Potassium	21.79	24.00	mg/L	91%		80-120
Sodium	18.35	20.40	mg/L	90%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1294654	Batch: 382216
Matrix (Source ID): Water (542252-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294654 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.6054	0.2213	0.4000	mg/L	96%		75-125	1
Calcium	42.99	24.56	20.40	mg/L	90%		75-125	1
Iron	0.3779	ND	0.4000	mg/L	94%		75-125	1
Magnesium	22.14	3.017	20.40	mg/L	94%		75-125	1
Manganese	0.3766	ND	0.4000	mg/L	94%		75-125	1
Potassium	24.15	1.693	24.00	mg/L	94%		75-125	1
Sodium	294.1	279.5	20.40	mg/L	71%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1294655	Batch: 382216
Matrix (Source ID): Water (542252-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294655 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.6001	0.2213	0.4000	mg/L	95%		75-125	1	20	1
Calcium	42.34	24.56	20.40	mg/L	87%		75-125	2	20	1
Iron	0.3702	ND	0.4000	mg/L	93%		75-125	2	22	1
Magnesium	21.51	3.017	20.40	mg/L	91%		75-125	3	20	1
Manganese	0.3711	ND	0.4000	mg/L	93%		75-125	1	20	1
Potassium	23.61	1.693	24.00	mg/L	91%		75-125	2	20	1
Sodium	293.0	279.5	20.40	mg/L	66%	NM	75-125	0	20	1

Type: Serial Dilution	Lab ID: QC1294667	Batch: 382216
Matrix (Source ID): Water (542252-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1294667 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.2351	0.2213	mg/L	J			5
Calcium	25.73	24.56	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	3.214	3.017	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	1.693	mg/L				5
Sodium	295.6	279.5	mg/L				5

Batch QC

Type: Lab Control Sample	Lab ID: QC1297274	Batch: 382964
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1297274 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	42.96	50.00	ug/L	86%		69-128
MTBE	57.31	50.00	ug/L	115%		66-125
Benzene	47.97	50.00	ug/L	96%		76-121
Trichloroethene	42.02	50.00	ug/L	84%		76-124
Toluene	43.95	50.00	ug/L	88%		76-120
Chlorobenzene	46.28	50.00	ug/L	93%		78-120
Surrogates						
Dibromofluoromethane	51.52	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	55.43	50.00	ug/L	111%		70-130
Toluene-d8	48.52	50.00	ug/L	97%		70-130
Bromofluorobenzene	49.46	50.00	ug/L	99%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1297275	Batch: 382964
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1297275 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	45.27	50.00	ug/L	91%		69-128	5	23
MTBE	56.83	50.00	ug/L	114%		66-125	1	22
Benzene	49.14	50.00	ug/L	98%		76-121	2	21
Trichloroethene	44.56	50.00	ug/L	89%		76-124	6	22
Toluene	45.36	50.00	ug/L	91%		76-120	3	21
Chlorobenzene	47.39	50.00	ug/L	95%		78-120	2	20
Surrogates								
Dibromofluoromethane	51.44	50.00	ug/L	103%		70-130		
1,2-Dichloroethane-d4	54.47	50.00	ug/L	109%		70-130		
Toluene-d8	48.60	50.00	ug/L	97%		70-130		
Bromofluorobenzene	49.70	50.00	ug/L	99%		70-130		

Batch QC

Type: Blank	Lab ID: QC1297280	Batch: 382964
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1297280 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Freon 12	ND		ug/L	1.0	0.08	09/26/25	09/26/25
Chloromethane	ND		ug/L	1.0	0.09	09/26/25	09/26/25
Vinyl Chloride	ND		ug/L	0.5	0.06	09/26/25	09/26/25
1,1-Dichloroethene	ND		ug/L	0.5	0.09	09/26/25	09/26/25
Methylene Chloride	ND		ug/L	10	0.2	09/26/25	09/26/25
1,1-Dichloroethane	ND		ug/L	0.5	0.06	09/26/25	09/26/25
cis-1,2-Dichloroethene	ND		ug/L	0.5	0.06	09/26/25	09/26/25
1,2-Dichloroethane	ND		ug/L	0.5	0.1	09/26/25	09/26/25
Benzene	ND		ug/L	0.5	0.03	09/26/25	09/26/25
Trichloroethene	ND		ug/L	0.5	0.05	09/26/25	09/26/25
Tetrachloroethene	ND		ug/L	0.5	0.1	09/26/25	09/26/25
1,4-Dichlorobenzene	ND		ug/L	0.5	0.09	09/26/25	09/26/25
Surrogates				Limits			
Dibromofluoromethane	102%		%REC	70-130		09/26/25	09/26/25
1,2-Dichloroethane-d4	105%		%REC	70-130		09/26/25	09/26/25
Toluene-d8	97%		%REC	70-130		09/26/25	09/26/25
Bromofluorobenzene	99%		%REC	70-130		09/26/25	09/26/25

Type: Matrix Spike	Lab ID: QC1297319	Batch: 382964
Matrix (Source ID): Water (542832-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1297319 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	96.25	0.3218	100.0	ug/L	96%		62-131	5
MTBE	110.6	0.2309	100.0	ug/L	110%		61-124	5
Benzene	102.4	0.03368	100.0	ug/L	102%		70-123	5
Trichloroethene	141.0	11.63	100.0	ug/L	129%		65-131	5
Toluene	96.96	ND	100.0	ug/L	97%		69-120	5
Chlorobenzene	99.53	ND	100.0	ug/L	100%		72-121	5
Surrogates								
Dibromofluoromethane	248.0		250.0	ug/L	99%		70-130	5
1,2-Dichloroethane-d4	253.1		250.0	ug/L	101%		70-130	5
Toluene-d8	245.7		250.0	ug/L	98%		70-130	5
Bromofluorobenzene	247.4		250.0	ug/L	99%		70-130	5

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1297320	Batch: 382964
Matrix (Source ID): Water (542832-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1297320 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	66.69	0.3218	100.0	ug/L	66%		62-131	36*	31	5
MTBE	81.09	0.2309	100.0	ug/L	81%		61-124	31*	30	5
Benzene	69.92	0.03368	100.0	ug/L	70%		70-123	38*	31	5
Trichloroethene	111.8	11.63	100.0	ug/L	100%		65-131	23	31	5
Toluene	68.48	ND	100.0	ug/L	68%	*	69-120	34*	29	5
Chlorobenzene	71.21	ND	100.0	ug/L	71%	*	72-121	33*	29	5
Surrogates										
Dibromofluoromethane	252.1		250.0	ug/L	101%		70-130			5
1,2-Dichloroethane-d4	257.8		250.0	ug/L	103%		70-130			5
Toluene-d8	246.9		250.0	ug/L	99%		70-130			5
Bromofluorobenzene	246.4		250.0	ug/L	99%		70-130			5

Type: Blank	Lab ID: QC1294815	Batch: 382258
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1294815 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.87	09/18/25	09/18/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		09/18/25	09/18/25

Type: Lab Control Sample	Lab ID: QC1294816	Batch: 382258
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1294816 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.638	10.00	ug/L	96%		79-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.919	10.00	ug/L	99%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1294817	Batch: 382258
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1294817 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.663	10.00	ug/L	97%		79-120	0	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.985	10.00	ug/L	100%		80-120		

Type: Blank	Lab ID: QC1295022	Batch: 382319
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1295022 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		09/18/25	09/18/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1295023	Batch: 382319
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1295023 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1295024	Batch: 382319
Matrix (Source ID): Water (542252-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1295024 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1295025	Batch: 382319
Matrix (Source ID): Water (542252-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1295025 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	0.8000	ND	1.000	mg/L	80%		80-120	0	20	1

Type: Blank	Lab ID: QC1295038	Batch: 382325
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1295038 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.49	09/18/25	09/18/25

Type: Lab Control Sample	Lab ID: QC1295039	Batch: 382325
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1295039 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	22.62	25.00	mg/L	90%		85-115

Type: Matrix Spike	Lab ID: QC1295040	Batch: 382325
Matrix (Source ID): Water (542431-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1295040 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	42,940	30020	12500	mg/L	103%		75-125	500

Type: Matrix Spike Duplicate	Lab ID: QC1295041	Batch: 382325
Matrix (Source ID): Water (542431-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1295041 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	43,260	30020	12500	mg/L	106%		75-125	1	25	500

Batch QC

Type: Blank	Lab ID: QC1295305	Batch: 382404
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1295305 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		09/19/25	09/19/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		09/19/25	09/19/25

Type: Lab Control Sample	Lab ID: QC1295306	Batch: 382404
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1295306 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	995.1	1000	mg/L	100%		90-110

Type: Sample Duplicate	Lab ID: QC1295307	Batch: 382404
Matrix (Source ID): Water (542372-005)	Method: SM2320B	Prep Method: METHOD

QC1295307 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	450.3	447.8	mg/L		1	20	2.5
Alkalinity, Total as CaCO ₃	450.3	447.8	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1294886	Batch: 382289
Matrix: Drinking Water	Method: SM2540C	Prep Method: METHOD

QC1294886 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		09/18/25	09/22/25

Type: Lab Control Sample	Lab ID: QC1294887	Batch: 382289
Matrix: Drinking Water	Method: SM2540C	Prep Method: METHOD

QC1294887 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,027	1000	mg/L	103%		90-110

Type: Sample Duplicate	Lab ID: QC1294888	Batch: 382289
Matrix (Source ID): Water (542314-001)	Method: SM2540C	Prep Method: METHOD

QC1294888 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	906.0	956.0	mg/L		5	5	2

Type: Sample Duplicate	Lab ID: QC1294889	Batch: 382289
Matrix (Source ID): Water (542375-004)	Method: SM2540C	Prep Method: METHOD

QC1294889 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,000	982.0	mg/L		2	5	2

Batch QC

* Value is outside QC limits
J Estimated value
ND Not Detected
NM Not Meaningful

Laboratory Job Number 542252

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2509D19

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-542252

Project Location:

Project Received: 09/17/2025

Analytical Report reviewed & approved for release on 09/24/2025 by:

Yen Cao

Yen Cao

Project Manager

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: 2509D19

Project: EO-542252

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB IS/SS % Rec	% Recovery of Internal Standard or Surrogate in Method Blank, if applicable
MB SS % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit ¹
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit ²
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range

¹ MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

² RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.



Glossary of Terms & Qualifier Definitions

Client: Enthalpy Analytical

WorkOrder: 2509D19

Project: EO-542252

SPK Val	Spike Value
SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count," greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)



Analytical Report

Client: Enthalpy Analytical
Date Received: 09/17/2025 9:45
Date Prepared: 09/22/2025
Project: EO-542252

WorkOrder: 2509D19
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	2509D19-001A	Water	09/16/2025 08:12	GC26 0922251004.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	1400	50	50	1	09/22/2025 11:49

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-7	2509D19-002A	Water	09/16/2025 09:13	GC26 0922251005.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	580	50	50	1	09/22/2025 13:05

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-18	2509D19-003A	Water	09/16/2025 10:11	GC26 0922251006.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	3800	200	200	4	09/22/2025 13:32

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 09/17/2025 9:45
Date Prepared: 09/22/2025
Project: EO-542252

WorkOrder: 2509D19
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	2509D19-004A	Water	09/16/2025 10:55	GC26 0922251007.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	390	50	50	1	09/22/2025 13:45

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-31	2509D19-005A	Water	09/16/2025 12:17	GC26 0922251008.D	326342

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	38,000	2500	2500	50	09/22/2025 14:21

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 09/22/2025
Date Analyzed: 09/22/2025
Instrument: GC26
Matrix: Water
Project: EO-542252

WorkOrder: 2509D19
BatchID: 326342
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-326342

QC Summary Report for RSK175

Analyte	MB Result	MDL	RL			
Carbon Dioxide	ND	50	50	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	130	150	187.2	71	78	70-130	8.90	30

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: 2509D19

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-542252

Bill to:

Accounts Payable/Enthalpy SoCal
Montrose Environmental Group
PO Box 842165
Boston, MA 02284-2165
003EL_ap@montrose-env.com

Requested TAT: 5 days;

Date Received: 09/17/2025

Date Logged: 09/18/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2509D19-001	DW-12	Water	9/16/2025 08:12	☐	A	A										
2509D19-002	DW-7	Water	9/16/2025 09:13	☐	A	A										
2509D19-003	DW-18	Water	9/16/2025 10:11	☐	A	A										
2509D19-004	DW-21	Water	9/16/2025 10:55	☐	A	A										
2509D19-005	DW-31	Water	9/16/2025 12:17	☐	A	A										

Test Legend:

1	PRDisposal Fee	2	RSK175_CO2_W	3		4	
5		6		7		8	
9		10		11		12	

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.



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-542252

Work Order: 2509D19

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments:

Date Logged: 9/18/2025

☐ WaterTrax ☐ CLIP ☐ EDF ☒ Excel ☐ EQUIS ☒ Email ☐ HardCopy ☐ ThirdParty ☒ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-12	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/16/2025 8:12	5 days	9/24/2025	None	☐	☐
002A	DW-7	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/16/2025 9:13	5 days	9/24/2025	None	☐	☐
003A	DW-18	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/16/2025 10:11	5 days	9/24/2025	None	☐	☐
004A	DW-21	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/16/2025 10:55	5 days	9/24/2025	None	☐	☐
005A	DW-31	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	9/16/2025 12:17	5 days	9/24/2025	Present	☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U** = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.



ENTHALPY ANALYTICAL

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

2509D19

Subcontract Laboratory:

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

Enthalpy Order: EO-542252

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

Results Due: Standard TAT

Report Level: II

Report To: MDL

EDDs: Standard Excel
EDD

Notes:

--

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
✓ DW-12	16-SEP-2025 08:12	542252-001	✓	Water	RSK-175 CO2	
✓ DW-7	16-SEP-2025 09:13	542252-002	✓	Water	RSK-175 CO2	
✓ DW-18	16-SEP-2025 10:11	542252-003	✓	Water	RSK-175 CO2	
✓ DW-21	16-SEP-2025 10:55	542252-004	✓	Water	RSK-175 CO2	
✓ DW-31	16-SEP-2025 12:17	542252-005	✓	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	Date: 9/16/25 14:30	Date: 9/17/25 0945
	Date:	Date:
	Date:	Date:

*3 VIALS RECEIVED PER SAMPLE.

4.20 WET
1RA1

FEDEX: 884428478132



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-542252

Date and Time Received: 9/17/2025 09:45

Date Logged: 9/18/2025

Received by: Agustina Venegas

Logged by: Agustina Venegas

WorkOrder No: 2509D19 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: 4.2°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes ☐ No ☐	NA ☒
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes ☐ No ☐	NA ☒

Comments: