



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

enthalpy.com

Lab Job Number : 524063
Report Level : II
Report Date : 01/30/2025

Analytical Report *prepared for:*

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

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:

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

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

CA ELAP# 1338, 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 #: 524063
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 01/15/25

Sample ID	Lab ID	Collected	Matrix
DW-17	524063-001	01/15/25 09:22	Water
DW-14	524063-002	01/15/25 10:52	Water
DW-30	524063-003	01/15/25 11:59	Water
DW-15	524063-004	01/15/25 12:59	Water
QCFB	524063-005	01/15/25 13:02	Water
QCTB	524063-006	01/15/25 00:00	Water

Case Narrative

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

Lab Job Number: 524063
Project No: GW MONITORING
Location: Chiquita Canyon
Landfill
Date Received: 01/15/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 01/16/25. The samples were received cold and intact.

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

No analytical problems were encountered.

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

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- High response was observed for fluoride in the CCV analyzed 01/17/25 01:25; affected data was qualified with "b".
- Responses exceeding the instrument's linear range were observed for chloride and sulfate in the MS/MSD for batch 360536 and the MS/MSD for batch 360793; affected data was qualified with "E".
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

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

No analytical problems were encountered.

RSK-175 CO2 (RSK-175):

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



Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

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Chain of Custody Record

Lab No: 524063

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: Custom TAT:

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

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request										Test Instructions / Comments														
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo	Name:		Steve Cassulo	Matrix:		Container No. / Size		Pres.		VOCs (EPA 8260B)		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: pchang@changenvironmental.com Basic EDD & GeoTracker EDF			
Report To:	Steve Cassulo	Number:	661-257-3655	Number:		661-257-3655	P.O. #:																								Quarterly MPars	
Email:	Steven.Cassulo@wasteconnections.com	Address:		Address:		Global ID:		L10003464243		Sampled By:		Paul Chang																		3913.5		
Phone:	661-257-3655	Fax:		Fax:		Global ID:		L10003464243		Sampled By:		Paul Chang																				
Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.																											
1 DW-17	11/5/25	922	W	13	var.																											
2 DW-14		1052																														
3 DW-30		1159																														
4 DW-15		1259																														
5 QCFB		1302																														
6 QCTB																																
7																																
8																																
9																																
10																																
Signature		Print Name		Company / Title		Date / Time																										
1 Relinquished By:		Paul Chang		CEI		11/5/25 1405																										
1 Received By:		Jim Lin		EA-NH		11/5/25 1405																										
2 Relinquished By:		Jim Lin		EA-NH		11/6/25 0830																										
2 Received By:		Hrayg B.		EA-NH		11/6/25 0830																										
3 Relinquished By:		Hrayg B.		EA-NH		11/6/25 1730																										
3 Received By:		Brandon		EA		11/6/25 1230																										
Relinquished		Brandon		EA		11/6/25 1300																										
Rec'd		Adam Dinkmeyer		EA		11/6/25 1300																										

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 1.15.25 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 1.15.25 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: -0.2

Cooler Temp (°C) #1: 12.3 / 12.1 #2: 11.8 / 11.6 #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

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

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

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

Section 4: Containers / Labels / Samples

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

Section 5: Explanations / Comments

☐ PM notified

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

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 11/16/25 WO# 524063 Client: Waste Connections

Section 2: Shipping / Custody

Are custody seals present? ☒ Yes ☐ No

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

Shipping Info: _____

Section 3a: Condition / Packaging

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

Date Opened 11/16/25 By (initials) BOT Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

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

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

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR11 CF: +0.1

Cooler Temp (°C) #1: 3.4 / 3.5 #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

☐ PM notified

Date Logged 11/15/25 By (print) AES (sign) _____
 Date Labeled 11/16/25 By (print) EA-OR (sign) _____

Analysis Results for 524063

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

Lab Job #: 524063
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 01/15/25

Sample ID: DW-17

Lab ID: 524063-001

Collected: 01/15/25 09:22

Matrix: Water

524063-001 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	0.040	1	360793	01/20/25 14:45	01/20/25 20:47	AJL
Chloride	150		mg/L	1.0	0.27	1	360536	01/16/25 15:50	01/16/25 18:17	JAA
Bromide	0.33		mg/L	0.30	0.060	1	360536	01/16/25 15:50	01/16/25 18:17	JAA
Nitrogen, Nitrate	1.0		mg/L	0.10	0.04	1	360536	01/16/25 15:50	01/16/25 18:17	JAA
Sulfate	180		mg/L	10	2.1	10	360536	01/16/25 15:50	01/16/25 18:40	JAA
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	360686	01/18/25	01/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	1.6	1	361364	01/27/25	01/27/25	EPL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.092		mg/L	0.050	0.0062	1	360528	01/16/25	01/16/25	CAP
Calcium	4.9		mg/L	0.57	0.57	1	360528	01/16/25	01/16/25	CAP
Iron	ND		mg/L	0.041	0.041	1	360528	01/16/25	01/16/25	CAP
Magnesium	0.13		mg/L	0.10	0.025	1	360528	01/16/25	01/16/25	CAP
Manganese	ND		mg/L	0.010	0.0029	1	360528	01/16/25	01/16/25	CAP
Potassium	0.74		mg/L	0.50	0.42	1	360528	01/16/25	01/16/25	CAP
Sodium	220		mg/L	0.50	0.34	1	360528	01/16/25	01/16/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	360693	01/18/25	01/18/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Chloromethane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromomethane	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Acetone	ND		ug/L	100	21	1	360693	01/18/25	01/18/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Methylene Chloride	ND		ug/L	5.0	2.4	1	360693	01/18/25	01/18/25	EJB
MTBE	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
2-Butanone	ND		ug/L	100	1.7	1	360693	01/18/25	01/18/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Chloroform	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB

Analysis Results for 524063

524063-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Benzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Trichloroethene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	360693	01/18/25	01/18/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	360693	01/18/25	01/18/25	EJB
Toluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	360693	01/18/25	01/18/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
m,p-Xylenes	ND		ug/L	10	0.2	1	360693	01/18/25	01/18/25	EJB
o-Xylene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Styrene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Propylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Xylene (total)	ND		ug/L	5.0		1	360693	01/18/25	01/18/25	EJB
Surrogates				Limits						
Dibromofluoromethane	100%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB

2 of 16 Results for any subcontracted analyses are not included in this section.

Analysis Results for 524063

524063-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	100%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB
Toluene-d8	102%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB
Bromofluorobenzene	101%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.95	1	360909	01/21/25	01/22/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	97%		%REC	80-120		1	360909	01/21/25	01/22/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	360588	01/17/25	01/17/25	EPL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.7		mg/L	1.0	0.24	1	360623	01/17/25	01/17/25	EPL
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	130		mg/L	5.0		2.5	361389	01/27/25	01/27/25	WWC
Alkalinity, Total as CaCO3	160		mg/L	5.0		2.5	361389	01/27/25	01/27/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	650		mg/L	20		2	360760	01/20/25	01/21/25	DXA

Analysis Results for 524063

Sample ID: DW-14
Lab ID: 524063-002
Collected: 01/15/25 10:52
Matrix: Water

524063-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.37		mg/L	0.20	0.040	1	360793	01/20/25 14:45	01/20/25 19:44	AJL
Chloride	94		mg/L	1.0	0.27	1	360536	01/16/25 15:50	01/16/25 20:10	JAA
Bromide	0.15	J	mg/L	0.30	0.060	1	360536	01/16/25 15:50	01/16/25 20:10	JAA
Nitrogen, Nitrate	0.29		mg/L	0.10	0.04	1	360536	01/16/25 15:50	01/16/25 20:10	JAA
Sulfate	29		mg/L	1.0	0.21	1	360536	01/16/25 15:50	01/16/25 20:10	JAA
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	360686	01/18/25	01/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	1.6	1	361364	01/27/25	01/27/25	EPL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.13		mg/L	0.050	0.0062	1	360528	01/16/25	01/16/25	CAP
Calcium	2.6		mg/L	0.57	0.57	1	360528	01/16/25	01/16/25	CAP
Iron	0.32		mg/L	0.041	0.041	1	360528	01/16/25	01/16/25	CAP
Magnesium	0.23		mg/L	0.10	0.025	1	360528	01/16/25	01/16/25	CAP
Manganese	0.0033	J	mg/L	0.010	0.0029	1	360528	01/16/25	01/16/25	CAP
Potassium	0.60		mg/L	0.50	0.42	1	360528	01/16/25	01/16/25	CAP
Sodium	140		mg/L	0.50	0.34	1	360528	01/16/25	01/16/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	360693	01/18/25	01/18/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Chloromethane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromomethane	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Acetone	ND		ug/L	100	21	1	360693	01/18/25	01/18/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Methylene Chloride	ND		ug/L	5.0	2.4	1	360693	01/18/25	01/18/25	EJB
MTBE	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
2-Butanone	ND		ug/L	100	1.7	1	360693	01/18/25	01/18/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Chloroform	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB

Analysis Results for 524063

524063-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Trichloroethene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	360693	01/18/25	01/18/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	360693	01/18/25	01/18/25	EJB
Toluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	360693	01/18/25	01/18/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
m,p-Xylenes	ND		ug/L	10	0.2	1	360693	01/18/25	01/18/25	EJB
o-Xylene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Styrene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Propylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Xylene (total)	ND		ug/L	5.0		1	360693	01/18/25	01/18/25	EJB
Surrogates				Limits						
Dibromofluoromethane	100%	%REC	70-130		1	360693	01/18/25	01/18/25	EJB	
1,2-Dichloroethane-d4	99%	%REC	70-130		1	360693	01/18/25	01/18/25	EJB	
Toluene-d8	102%	%REC	70-130		1	360693	01/18/25	01/18/25	EJB	
Bromofluorobenzene	102%	%REC	70-130		1	360693	01/18/25	01/18/25	EJB	

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 524063

524063-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	360909	01/21/25	01/22/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	102%		%REC	80-120		1	360909	01/21/25	01/22/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	360588	01/17/25	01/17/25	EPL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.24	1	360623	01/17/25	01/18/25	EPL
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	130		mg/L	5.0		2.5	361389	01/27/25	01/27/25	WWC
Alkalinity, Total as CaCO3	180		mg/L	5.0		2.5	361389	01/27/25	01/27/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	370		mg/L	20		2	360760	01/20/25	01/21/25	DXA

Analysis Results for 524063

Sample ID: DW-30
Lab ID: 524063-003
Collected: 01/15/25 11:59
Matrix: Water

524063-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.83		mg/L	0.20	0.040	1	360793	01/20/25 14:45	01/20/25 21:50	AJL
Chloride	58		mg/L	1.0	0.27	1	360536	01/16/25 15:50	01/16/25 20:32	JAA
Bromide	0.13	J	mg/L	0.30	0.060	1	360536	01/16/25 15:50	01/16/25 20:32	JAA
Nitrogen, Nitrate	0.18		mg/L	0.10	0.04	1	360536	01/16/25 15:50	01/16/25 20:32	JAA
Sulfate	300		mg/L	10	2.1	10	360536	01/16/25 15:50	01/16/25 21:40	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	360686	01/18/25	01/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	1.6	1	361364	01/27/25	01/27/25	EPL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.21		mg/L	0.050	0.0062	1	360528	01/16/25	01/16/25	CAP
Calcium	37		mg/L	0.57	0.57	1	360528	01/16/25	01/16/25	CAP
Iron	0.091		mg/L	0.041	0.041	1	360528	01/16/25	01/16/25	CAP
Magnesium	5.8		mg/L	0.10	0.025	1	360528	01/16/25	01/16/25	CAP
Manganese	0.049		mg/L	0.010	0.0029	1	360528	01/16/25	01/16/25	CAP
Potassium	1.7		mg/L	0.50	0.42	1	360528	01/16/25	01/16/25	CAP
Sodium	190		mg/L	0.50	0.34	1	360528	01/16/25	01/16/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	360693	01/18/25	01/18/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Chloromethane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromomethane	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Acetone	ND		ug/L	100	21	1	360693	01/18/25	01/18/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Methylene Chloride	ND		ug/L	5.0	2.4	1	360693	01/18/25	01/18/25	EJB
MTBE	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
2-Butanone	ND		ug/L	100	1.7	1	360693	01/18/25	01/18/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Chloroform	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB

Analysis Results for 524063

524063-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Trichloroethene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	360693	01/18/25	01/18/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	360693	01/18/25	01/18/25	EJB
Toluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Tetrachloroethene	0.3	J	ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	360693	01/18/25	01/18/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
m,p-Xylenes	ND		ug/L	10	0.2	1	360693	01/18/25	01/18/25	EJB
o-Xylene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Styrene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Propylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Xylene (total)	ND		ug/L	5.0		1	360693	01/18/25	01/18/25	EJB
Surrogates			Limits							
Dibromofluoromethane	99%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB
1,2-Dichloroethane-d4	100%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB
Toluene-d8	102%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB
Bromofluorobenzene	102%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 524063

524063-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	360909	01/21/25	01/22/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	360909	01/21/25	01/22/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	360588	01/17/25	01/17/25	EPL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	4.5		mg/L	1.0	0.24	1	360623	01/17/25	01/18/25	EPL
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	200		mg/L	5.0		2.5	361389	01/27/25	01/27/25	WWC
Alkalinity, Total as CaCO3	200		mg/L	5.0		2.5	361389	01/27/25	01/27/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	700		mg/L	20		2	360760	01/20/25	01/21/25	DXA

Analysis Results for 524063

Sample ID: DW-15

Lab ID: 524063-004

Collected: 01/15/25 12:59

Matrix: Water

524063-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.088	J	mg/L	0.20	0.040	1	360793	01/20/25 14:45	01/20/25 22:11	AJL
Chloride	74		mg/L	1.0	0.27	1	360536	01/16/25 15:50	01/16/25 22:02	AJL
Bromide	0.16	J	mg/L	0.30	0.060	1	360536	01/16/25 15:50	01/16/25 22:02	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.04	1	360536	01/16/25 15:50	01/16/25 22:02	AJL
Sulfate	1,400		mg/L	20	4.2	20	360536	01/16/25 15:50	01/16/25 22:25	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.11		mg/L	0.10	0.050	1	360686	01/18/25	01/20/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	1.6	1	361364	01/27/25	01/27/25	EPL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.23		mg/L	0.050	0.0062	1	360528	01/16/25	01/16/25	CAP
Calcium	240		mg/L	0.57	0.57	1	360528	01/16/25	01/16/25	CAP
Iron	0.92		mg/L	0.041	0.041	1	360528	01/16/25	01/16/25	CAP
Magnesium	33		mg/L	0.10	0.025	1	360528	01/16/25	01/16/25	CAP
Manganese	0.62		mg/L	0.010	0.0029	1	360528	01/16/25	01/16/25	CAP
Potassium	3.0		mg/L	0.50	0.42	1	360528	01/16/25	01/16/25	CAP
Sodium	410		mg/L	0.50	0.34	1	360528	01/16/25	01/16/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.5	1	360693	01/18/25	01/18/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Chloromethane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromomethane	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Acetone	ND		ug/L	100	21	1	360693	01/18/25	01/18/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Methylene Chloride	ND		ug/L	5.0	2.4	1	360693	01/18/25	01/18/25	EJB
MTBE	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
2-Butanone	ND		ug/L	100	1.7	1	360693	01/18/25	01/18/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Chloroform	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB

Analysis Results for 524063

524063-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Trichloroethene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	360693	01/18/25	01/18/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	360693	01/18/25	01/18/25	EJB
Toluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	360693	01/18/25	01/18/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
m,p-Xylenes	ND		ug/L	10	0.2	1	360693	01/18/25	01/18/25	EJB
o-Xylene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Styrene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Propylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,4-Dichlorobenzene	0.2	J	ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Xylene (total)	ND		ug/L	5.0		1	360693	01/18/25	01/18/25	EJB
Surrogates			Limits							
Dibromofluoromethane	99%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB
1,2-Dichloroethane-d4	101%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB
Toluene-d8	102%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB
Bromofluorobenzene	100%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 524063

524063-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	360909	01/21/25	01/22/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	360909	01/21/25	01/22/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	360588	01/17/25	01/17/25	EPL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	4.8		mg/L	1.0	0.24	1	360623	01/17/25	01/18/25	EPL
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	110		mg/L	5.0		2.5	361389	01/27/25	01/27/25	WWC
Alkalinity, Total as CaCO3	110		mg/L	5.0		2.5	361389	01/27/25	01/27/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	2,300		mg/L	20		2	360760	01/20/25	01/21/25	DXA

Analysis Results for 524063

Sample ID: QCFB
Lab ID: 524063-005
Collected: 01/15/25 13:02
Matrix: Water

524063-005 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	0.5	1	360693	01/18/25	01/18/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Chloromethane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromomethane	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Acetone	ND		ug/L	100	21	1	360693	01/18/25	01/18/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Methylene Chloride	ND		ug/L	5.0	2.4	1	360693	01/18/25	01/18/25	EJB
MTBE	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
2-Butanone	ND		ug/L	100	1.7	1	360693	01/18/25	01/18/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Chloroform	0.5	J	ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Benzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Trichloroethene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	360693	01/18/25	01/18/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	360693	01/18/25	01/18/25	EJB
Toluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	360693	01/18/25	01/18/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
m,p-Xylenes	ND		ug/L	10	0.2	1	360693	01/18/25	01/18/25	EJB
o-Xylene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Styrene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB

Analysis Results for 524063

524063-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Propylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Xylene (total)	ND		ug/L	5.0		1	360693	01/18/25	01/18/25	EJB
Surrogates	Limits									
Dibromofluoromethane	97%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB
1,2-Dichloroethane-d4	99%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB
Toluene-d8	102%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB
Bromofluorobenzene	101%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB

Analysis Results for 524063

Sample ID: QCTB
Lab ID: 524063-006
Collected: 01/15/25
Matrix: Water

524063-006 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	0.5	1	360693	01/18/25	01/18/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Chloromethane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromomethane	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
Chloroethane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Acetone	ND		ug/L	100	21	1	360693	01/18/25	01/18/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Methylene Chloride	ND		ug/L	5.0	2.4	1	360693	01/18/25	01/18/25	EJB
MTBE	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
2-Butanone	ND		ug/L	100	1.7	1	360693	01/18/25	01/18/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Chloroform	0.5	J	ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromochloromethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Benzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Trichloroethene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.08	1	360693	01/18/25	01/18/25	EJB
Dibromomethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	1	360693	01/18/25	01/18/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	1	360693	01/18/25	01/18/25	EJB
Toluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.07	1	360693	01/18/25	01/18/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.09	1	360693	01/18/25	01/18/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
m,p-Xylenes	ND		ug/L	10	0.2	1	360693	01/18/25	01/18/25	EJB
o-Xylene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Styrene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
Bromoform	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB

Analysis Results for 524063

524063-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Propylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
Bromobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	360693	01/18/25	01/18/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360693	01/18/25	01/18/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
Naphthalene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	360693	01/18/25	01/18/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	1	360693	01/18/25	01/18/25	EJB
Xylene (total)	ND		ug/L	5.0		1	360693	01/18/25	01/18/25	EJB
Surrogates	Limits									
Dibromofluoromethane	99%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB
1,2-Dichloroethane-d4	98%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB
Toluene-d8	103%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB
Bromofluorobenzene	101%		%REC	70-130		1	360693	01/18/25	01/18/25	EJB

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1220610	Batch: 360536
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1220610 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chloride	ND		mg/L	1.0	0.27	01/16/25 15:50	01/16/25 17:10
Bromide	ND		mg/L	0.30	0.060	01/16/25 15:50	01/16/25 17:10
Nitrogen, Nitrate	ND		mg/L	0.10	0.04	01/16/25 15:50	01/16/25 17:10
Sulfate	ND		mg/L	1.0	0.21	01/16/25 15:50	01/16/25 17:10

Type: Lab Control Sample	Lab ID: QC1220611	Batch: 360536
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1220611 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chloride	47.56	50.00	mg/L	95%		90-110
Bromide	14.78	15.00	mg/L	99%		90-110
Nitrogen, Nitrate	4.423	4.518	mg/L	98%		90-110
Sulfate	24.42	25.00	mg/L	98%		90-110

Type: Matrix Spike	Lab ID: QC1220612	Batch: 360536
Matrix (Source ID): Water (523995-002)	Method: EPA 300.0	Prep Method: METHOD

QC1220612 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chloride	193.4	96.91	100.0	mg/L	97%		80-120	1
Bromide	15.13	0.1634	15.00	mg/L	100%		80-120	1
Nitrogen, Nitrate	9.398	0.3971	9.036	mg/L	100%		80-120	1
Sulfate	72.35	22.55	50.00	mg/L	100%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1220613	Batch: 360536
Matrix (Source ID): Water (523995-002)	Method: EPA 300.0	Prep Method: METHOD

QC1220613 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chloride	192.5	96.91	100.0	mg/L	96%		80-120	1	20	1
Bromide	15.07	0.1634	15.00	mg/L	99%		80-120	0	20	1
Nitrogen, Nitrate	9.320	0.3971	9.036	mg/L	99%		80-120	1	20	1
Sulfate	71.86	22.55	50.00	mg/L	99%		80-120	1	20	1

Type: Matrix Spike	Lab ID: QC1220614	Batch: 360536
Matrix (Source ID): Water (524159-002)	Method: EPA 300.0	Prep Method: METHOD

QC1220614 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chloride	176.6	79.18	100.0	mg/L	97%		80-120	1
Bromide	15.26	0.2535	15.00	mg/L	100%		80-120	1
Nitrogen, Nitrate	9.310	0.3147	9.036	mg/L	100%		80-120	1
Sulfate	118.3	71.69	50.00	mg/L	93%	E	80-120	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1220615	Batch: 360536
Matrix (Source ID): Water (524159-002)	Method: EPA 300.0	Prep Method: METHOD

QC1220615 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chloride	176.0	79.18	100.0	mg/L	97%		80-120	0	20	1
Bromide	15.14	0.2535	15.00	mg/L	99%		80-120	1	20	1
Nitrogen, Nitrate	9.250	0.3147	9.036	mg/L	99%		80-120	1	20	1
Sulfate	118.2	71.69	50.00	mg/L	93%	E	80-120		20	1

Type: Blank	Lab ID: QC1221495	Batch: 360793
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1221495 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.040	01/20/25 14:45	01/20/25 17:39

Type: Lab Control Sample	Lab ID: QC1221496	Batch: 360793
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1221496 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.148	10.00	mg/L	91%		90-110

Type: Matrix Spike	Lab ID: QC1221497	Batch: 360793
Matrix (Source ID): Water (524045-005)	Method: EPA 300.0	Prep Method: METHOD

QC1221497 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.19	0.04347	20.00	mg/L	96%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1221498	Batch: 360793
Matrix (Source ID): Water (524045-005)	Method: EPA 300.0	Prep Method: METHOD

QC1221498 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.47	0.04347	20.00	mg/L	97%		80-120	1	20	1

Type: Matrix Spike	Lab ID: QC1221499	Batch: 360793
Matrix (Source ID): Water (524063-002)	Method: EPA 300.0	Prep Method: METHOD

QC1221499 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.66	0.3667	20.00	mg/L	96%		80-120	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1221500	Batch: 360793
Matrix (Source ID): Water (524063-002)	Method: EPA 300.0	Prep Method: METHOD

QC1221500 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.00	0.3667	20.00	mg/L	98%		80-120	2	20	1

Type: Lab Control Sample	Lab ID: QC1221099	Batch: 360686
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1221099 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9456	1.000	mg/L	95%		90-110

Type: Blank	Lab ID: QC1221102	Batch: 360686
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1221102 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	01/18/25	01/20/25

Type: Matrix Spike	Lab ID: QC1221104	Batch: 360686
Matrix (Source ID): Water (524063-001)	Method: EPA 350.1	Prep Method: METHOD

QC1221104 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	0.9609	ND	1.000	mg/L	96%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1221105	Batch: 360686
Matrix (Source ID): Water (524063-001)	Method: EPA 350.1	Prep Method: METHOD

QC1221105 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	0.9335	ND	1.000	mg/L	93%		90-110	3	20	1

Type: Blank	Lab ID: QC1223508	Batch: 361364
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1223508 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	1.6	01/27/25	01/27/25

Type: Lab Control Sample	Lab ID: QC1223509	Batch: 361364
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1223509 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	105.0	100.0	mg/L	105%		90-110

Batch QC

Type: Matrix Spike	Lab ID: QC1223510	Batch: 361364
Matrix (Source ID): Water (524063-001)	Method: EPA 410.4	Prep Method: METHOD

QC1223510 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	106.0	ND	100.0	mg/L	105%		77-120	2

Type: Matrix Spike Duplicate	Lab ID: QC1223511	Batch: 361364
Matrix (Source ID): Water (524063-001)	Method: EPA 410.4	Prep Method: METHOD

QC1223511 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	106.0	ND	100.0	mg/L	105%		77-120	0	20	2

Type: Blank	Lab ID: QC1220581	Batch: 360528
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1220581 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	01/16/25	01/16/25
Calcium	ND		mg/L	0.57	0.57	01/16/25	01/16/25
Iron	ND		mg/L	0.041	0.041	01/16/25	01/16/25
Magnesium	ND		mg/L	0.10	0.025	01/16/25	01/16/25
Manganese	ND		mg/L	0.010	0.0029	01/16/25	01/16/25
Potassium	ND		mg/L	0.50	0.42	01/16/25	01/16/25
Sodium	ND		mg/L	0.50	0.34	01/16/25	01/16/25

Type: Lab Control Sample	Lab ID: QC1220582	Batch: 360528
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1220582 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3688	0.4000	mg/L	92%		80-120
Calcium	18.89	20.40	mg/L	93%		80-120
Iron	0.3682	0.4000	mg/L	92%		80-120
Magnesium	18.64	20.40	mg/L	91%		80-120
Manganese	0.3680	0.4000	mg/L	92%		80-120
Potassium	21.42	24.00	mg/L	89%		80-120
Sodium	18.56	20.40	mg/L	91%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1220583	Batch: 360528
Matrix (Source ID): Water (524063-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1220583 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.4678	0.09194	0.4000	mg/L	94%		75-125	1
Calcium	23.85	4.870	20.40	mg/L	93%		75-125	1
Iron	0.3830	ND	0.4000	mg/L	96%		75-125	1
Magnesium	18.88	0.1330	20.40	mg/L	92%		75-125	1
Manganese	0.3702	ND	0.4000	mg/L	93%		75-125	1
Potassium	22.84	0.7417	24.00	mg/L	92%		75-125	1
Sodium	239.4	221.8	20.40	mg/L	86%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1220584	Batch: 360528
Matrix (Source ID): Water (524063-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1220584 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Boron	0.4596	0.09194	0.4000	mg/L	92%		75-125	2	20	1
Calcium	23.37	4.870	20.40	mg/L	91%		75-125	2	20	1
Iron	0.3758	ND	0.4000	mg/L	94%		75-125	2	20	1
Magnesium	18.43	0.1330	20.40	mg/L	90%		75-125	2	20	1
Manganese	0.3601	ND	0.4000	mg/L	90%		75-125	3	20	1
Potassium	22.32	0.7417	24.00	mg/L	90%		75-125	2	20	1
Sodium	237.1	221.8	20.40	mg/L	75%	NM	75-125	1	20	1

Type: Lab Control Sample	Lab ID: QC1221119	Batch: 360693
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1221119 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	43.35	50.00	ug/L	87%		70-135
MTBE	43.07	50.00	ug/L	86%		70-130
Benzene	44.36	50.00	ug/L	89%		70-130
Trichloroethene	43.18	50.00	ug/L	86%		70-130
Toluene	44.02	50.00	ug/L	88%		70-130
Chlorobenzene	44.49	50.00	ug/L	89%		70-130
Surrogates						
Dibromofluoromethane	50.86	50.00	ug/L	102%		70-130
1,2-Dichloroethane-d4	50.98	50.00	ug/L	102%		70-130
Toluene-d8	49.06	50.00	ug/L	98%		70-130
Bromofluorobenzene	49.84	50.00	ug/L	100%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1221120	Batch: 360693
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1221120 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	43.25	50.00	ug/L	86%		70-135	0	30
MTBE	43.46	50.00	ug/L	87%		70-130	1	30
Benzene	44.86	50.00	ug/L	90%		70-130	1	30
Trichloroethene	45.41	50.00	ug/L	91%		70-130	5	30
Toluene	44.78	50.00	ug/L	90%		70-130	2	30
Chlorobenzene	45.48	50.00	ug/L	91%		70-130	2	30
Surrogates								
Dibromofluoromethane	50.11	50.00	ug/L	100%		70-130		
1,2-Dichloroethane-d4	49.52	50.00	ug/L	99%		70-130		
Toluene-d8	49.75	50.00	ug/L	100%		70-130		
Bromofluorobenzene	49.52	50.00	ug/L	99%		70-130		

Batch QC

Type: Blank	Lab ID: QC1221124	Batch: 360693
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1221124 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.5	01/18/25	01/18/25
Freon 12	ND		ug/L	5.0	0.2	01/18/25	01/18/25
Chloromethane	ND		ug/L	5.0	0.3	01/18/25	01/18/25
Vinyl Chloride	ND		ug/L	5.0	0.1	01/18/25	01/18/25
Bromomethane	ND		ug/L	5.0	0.4	01/18/25	01/18/25
Chloroethane	ND		ug/L	5.0	0.3	01/18/25	01/18/25
Trichlorofluoromethane	ND		ug/L	5.0	0.08	01/18/25	01/18/25
Acetone	ND		ug/L	100	21	01/18/25	01/18/25
Freon 113	ND		ug/L	5.0	0.1	01/18/25	01/18/25
1,1-Dichloroethene	ND		ug/L	5.0	0.08	01/18/25	01/18/25
Methylene Chloride	ND		ug/L	5.0	2.4	01/18/25	01/18/25
MTBE	ND		ug/L	5.0	0.09	01/18/25	01/18/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	01/18/25	01/18/25
1,1-Dichloroethane	ND		ug/L	5.0	0.09	01/18/25	01/18/25
2-Butanone	ND		ug/L	100	1.7	01/18/25	01/18/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.2	01/18/25	01/18/25
2,2-Dichloropropane	ND		ug/L	5.0	0.1	01/18/25	01/18/25
Chloroform	ND		ug/L	5.0	0.1	01/18/25	01/18/25
Bromochloromethane	ND		ug/L	5.0	0.2	01/18/25	01/18/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	01/18/25	01/18/25
1,1-Dichloropropene	ND		ug/L	5.0	0.08	01/18/25	01/18/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	01/18/25	01/18/25
1,2-Dichloroethane	ND		ug/L	5.0	0.2	01/18/25	01/18/25
Benzene	ND		ug/L	5.0	0.1	01/18/25	01/18/25
Trichloroethene	ND		ug/L	5.0	0.2	01/18/25	01/18/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	01/18/25	01/18/25
Bromodichloromethane	ND		ug/L	5.0	0.08	01/18/25	01/18/25
Dibromomethane	ND		ug/L	5.0	0.2	01/18/25	01/18/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	1.0	01/18/25	01/18/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.06	01/18/25	01/18/25
Toluene	ND		ug/L	5.0	0.1	01/18/25	01/18/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	01/18/25	01/18/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	01/18/25	01/18/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	01/18/25	01/18/25
Tetrachloroethene	ND		ug/L	5.0	0.09	01/18/25	01/18/25
Dibromochloromethane	ND		ug/L	5.0	0.1	01/18/25	01/18/25
1,2-Dibromoethane	ND		ug/L	5.0	0.07	01/18/25	01/18/25
Chlorobenzene	ND		ug/L	5.0	0.09	01/18/25	01/18/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	01/18/25	01/18/25
Ethylbenzene	ND		ug/L	5.0	0.1	01/18/25	01/18/25
m,p-Xylenes	ND		ug/L	10	0.2	01/18/25	01/18/25
o-Xylene	ND		ug/L	5.0	0.1	01/18/25	01/18/25
Styrene	ND		ug/L	5.0	0.1	01/18/25	01/18/25
Bromoform	ND		ug/L	5.0	0.2	01/18/25	01/18/25
Isopropylbenzene	ND		ug/L	5.0	0.1	01/18/25	01/18/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	01/18/25	01/18/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	01/18/25	01/18/25

Batch QC

QC1221124 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.2	01/18/25	01/18/25
Bromobenzene	ND		ug/L	5.0	0.1	01/18/25	01/18/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	01/18/25	01/18/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	01/18/25	01/18/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	01/18/25	01/18/25
tert-Butylbenzene	ND		ug/L	5.0	0.2	01/18/25	01/18/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.2	01/18/25	01/18/25
sec-Butylbenzene	ND		ug/L	5.0	0.2	01/18/25	01/18/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.2	01/18/25	01/18/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	01/18/25	01/18/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	01/18/25	01/18/25
n-Butylbenzene	ND		ug/L	5.0	0.4	01/18/25	01/18/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	01/18/25	01/18/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.3	01/18/25	01/18/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.3	01/18/25	01/18/25
Hexachlorobutadiene	ND		ug/L	5.0	0.4	01/18/25	01/18/25
Naphthalene	ND		ug/L	5.0	0.3	01/18/25	01/18/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	01/18/25	01/18/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	01/18/25	01/18/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.3	01/18/25	01/18/25
Xylene (total)	ND		ug/L	5.0		01/18/25	01/18/25
Surrogates				Limits			
Dibromofluoromethane	101%		%REC	70-130		01/18/25	01/18/25
1,2-Dichloroethane-d4	102%		%REC	70-130		01/18/25	01/18/25
Toluene-d8	101%		%REC	70-130		01/18/25	01/18/25
Bromofluorobenzene	102%		%REC	70-130		01/18/25	01/18/25

Type: Matrix Spike	Lab ID: QC1221146	Batch: 360693
Matrix (Source ID): Water (524113-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1221146 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	58.43	4.488	50.00	ug/L	108%		70-130	1
MTBE	52.23	ND	50.00	ug/L	104%		75-130	1
Benzene	53.20	ND	50.00	ug/L	106%		70-130	1
Trichloroethene	92.91	41.05	50.00	ug/L	104%		63-130	1
Toluene	52.90	ND	50.00	ug/L	106%		70-130	1
Chlorobenzene	53.43	ND	50.00	ug/L	107%		70-130	1
Surrogates								
Dibromofluoromethane	50.13		50.00	ug/L	100%		70-130	1
1,2-Dichloroethane-d4	50.49		50.00	ug/L	101%		70-130	1
Toluene-d8	50.14		50.00	ug/L	100%		70-130	1
Bromofluorobenzene	49.12		50.00	ug/L	98%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1221147	Batch: 360693
Matrix (Source ID): Water (524113-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1221147 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	55.85	4.488	50.00	ug/L	103%		70-130	5	30	1
MTBE	53.02	ND	50.00	ug/L	106%		75-130	1	30	1
Benzene	52.43	ND	50.00	ug/L	105%		70-130	1	30	1
Trichloroethene	90.24	41.05	50.00	ug/L	98%		63-130	3	30	1
Toluene	51.85	ND	50.00	ug/L	104%		70-130	2	30	1
Chlorobenzene	51.56	ND	50.00	ug/L	103%		70-130	4	30	1
Surrogates										
Dibromofluoromethane	50.04		50.00	ug/L	100%		70-130			1
1,2-Dichloroethane-d4	50.27		50.00	ug/L	101%		70-130			1
Toluene-d8	49.60		50.00	ug/L	99%		70-130			1
Bromofluorobenzene	49.23		50.00	ug/L	98%		70-130			1

Type: Blank	Lab ID: QC1221883	Batch: 360909
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1221883 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	01/21/25	01/22/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		01/21/25	01/22/25

Type: Lab Control Sample	Lab ID: QC1221884	Batch: 360909
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1221884 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.086	10.00	ug/L	91%		80-120
Surrogates						
1,4-Dioxane-d8 (SUR)	9.864	10.00	ug/L	99%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1221885	Batch: 360909
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1221885 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	9.617	10.00	ug/L	96%		80-120	6	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.51	10.00	ug/L	105%		80-120		

Type: Blank	Lab ID: QC1220807	Batch: 360588
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1220807 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		01/17/25	01/17/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1220809	Batch: 360588
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1220809 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	1.000	1.000	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1220810	Batch: 360588
Matrix (Source ID): Water (523942-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1220810 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	1.000	ND	1.000	mg/L	100%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1220811	Batch: 360588
Matrix (Source ID): Water (523942-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1220811 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	1.000	ND	1.000	mg/L	100%		80-120	0	20	1

Type: Blank	Lab ID: QC1220913	Batch: 360623
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1220913 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.24	01/17/25	01/17/25

Type: Lab Control Sample	Lab ID: QC1220914	Batch: 360623
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1220914 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	29.05	25.00	mg/L	116%		80-120

Type: Matrix Spike	Lab ID: QC1220915	Batch: 360623
Matrix (Source ID): Water (524082-004)	Method: SM 5310B	Prep Method: SM 5310B

QC1220915 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	32.34	4.318	25.00	mg/L	112%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1220916	Batch: 360623
Matrix (Source ID): Water (524082-004)	Method: SM 5310B	Prep Method: SM 5310B

QC1220916 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	32.11	4.318	25.00	mg/L	111%		80-120	1	20	1

Batch QC

Type: Blank	Lab ID: QC1223581	Batch: 361389
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1223581 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		01/27/25	01/27/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		01/27/25	01/27/25

Type: Lab Control Sample	Lab ID: QC1223582	Batch: 361389
Matrix: Drinking Water	Method: SM2320B	Prep Method: METHOD

QC1223582 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	1,069	1000	mg/L	107%		90-110

Type: Sample Duplicate	Lab ID: QC1223584	Batch: 361389
Matrix (Source ID): Drinking Water (524512-007)	Method: SM2320B	Prep Method: METHOD

QC1223584 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	126.8	131.0	mg/L		3	20	1
Alkalinity, Total as CaCO ₃	126.8	131.0	mg/L		3	20	1

Type: Blank	Lab ID: QC1221383	Batch: 360760
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1221383 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		01/20/25	01/21/25

Type: Lab Control Sample	Lab ID: QC1221384	Batch: 360760
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1221384 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	966.0	1000	mg/L	97%		90-110

Type: Sample Duplicate	Lab ID: QC1221385	Batch: 360760
Matrix (Source ID): Water (524063-001)	Method: SM2540C	Prep Method: METHOD

QC1221385 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	676.0	648.0	mg/L		4	5	2

E Response exceeds instrument's linear range
 ND Not Detected
 NM Not Meaningful

Laboratory Job Number 524063

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2501944

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 058321

Project: EO-524063

Project Location:

Project Received: 01/17/2025

Analytical Report reviewed & approved for release on 01/28/2025 by:

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: 2501944

Project: EO-524063

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: 2501944

Project: EO-524063

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: 01/17/2025 10:16
Date Prepared: 01/22/2025
Project: EO-524063

WorkOrder: 2501944
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-17	2501944-001A	Water	01/15/2025 09:22	GC26 0122250804.D	310251

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	240	50	50	1	01/22/2025 10:01

Analyst(s): PRE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-14	2501944-002A	Water	01/15/2025 10:52	GC26 0122250805.D	310251

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	410	50	50	1	01/22/2025 10:12

Analyst(s): PRE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-30	2501944-003A	Water	01/15/2025 11:59	GC26 0122250806.D	310251

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	3300	500	500	10	01/22/2025 10:39

Analyst(s): PRE

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 01/17/2025 10:16
Date Prepared: 01/22/2025
Project: EO-524063

WorkOrder: 2501944
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-15	2501944-004A	Water	01/15/2025 12:59	GC26 0122250807.D	310251

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	15,000	2500	2500	50	01/22/2025 11:03

Analyst(s): PRE



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 01/22/2025
Date Analyzed: 01/22/2025
Instrument: GC26
Matrix: Water
Project: EO-524063

WorkOrder: 2501944
BatchID: 310251
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-310251

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	180	170	187.2	97	93	70-130	4.35	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: 2501944

ClientCode: ENO

QuoteID: 243367

☐ 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: 058321
Project: EO-524063

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: 01/17/2025

Date Logged: 01/17/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2501944-001	DW-17	Water	1/15/2025 09:22	☐	A											
2501944-002	DW-14	Water	1/15/2025 10:52	☐	A											
2501944-003	DW-30	Water	1/15/2025 11:59	☐	A											
2501944-004	DW-15	Water	1/15/2025 12:59	☐	A											

Test Legend:

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

Project Manager: Yen Cao

Prepared by: Emily Perez

Comments:

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-524063

Work Order: 2501944

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments:

Date Logged: 1/17/2025

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

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-17	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	1/15/2025 9:22	5 days	1/27/2025	None	☐	☐
002A	DW-14	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	1/15/2025 10:52	5 days	1/27/2025	None	☐	☐
003A	DW-30	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	1/15/2025 11:59	5 days	1/27/2025	None	☐	☐
004A	DW-15	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	1/15/2025 12:59	5 days	1/27/2025	None	☐	☐

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

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

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

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

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

2501944



Enthalpy Analytical - Orange
Orange, CA 92868
(714) 771-6900 / Fax: (510) 486-0532

Subcontract Laboratory:

McC Campbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 243367
PO #: PO-058321

Enthalpy Order: EO-524063

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-17	15-JAN-2025 09:22	524063-001	3X	Water	RSK-175 CO2	
DW-14	15-JAN-2025 10:52	524063-002	3X	Water	RSK-175 CO2	
DW-30	15-JAN-2025 11:59	524063-003	3X	Water	RSK-175 CO2	
DW-15	15-JAN-2025 12:59	524063-004	3X	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>A. Quintana EA-ORA</i>	
	Date: <i>01/16/25 1715</i>	Date:
	Date:	<i>Emily R.</i>
	Date:	Date: <i>1/17/25 10:14</i>

GIS: 562522384

1.1 wet/blue
1R30



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-524063

Date and Time Received: 1/17/2025 10:16

Date Logged: 1/17/2025

Received by:

Logged by: Emily Perez

WorkOrder No: 2501944 Matrix:
Carrier: Golden State Overnight

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐

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/BLU)

Sample/Temp Blank temperature	Temp: 1.1°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 : 525910
Report Level : II
Report Date : 02/25/2025

Analytical Report *prepared for:*

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

Project: GW MONITORING - Chiquita Canyon Landfill

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, 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 #: 525910
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 02/10/25

Sample ID	Lab ID	Collected	Matrix
DW-14	525910-001	02/10/25 09:13	Water
DW-17	525910-002	02/10/25 10:42	Water
DW-30	525910-003	02/10/25 11:58	Water
DW-15	525910-004	02/10/25 12:49	Water
QCFB	525910-005	02/10/25 12:00	Water
QCTB	525910-006	02/10/25 00:00	Water

Case Narrative

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

Lab Job Number: 525910
Project No: GW MONITORING
Location: Chiquita Canyon
Landfill
Date Received: 02/10/25

This data package contains sample and QC results for six water samples, requested for the above referenced project on 02/11/25. The samples were received cold and intact.

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

- Low recoveries were observed for trichloroethene in the MS/MSD for batch 363206; the parent sample was not a project sample, the BS/BSD were within limits, and the associated RPD was within limits.
- N-butylbenzene, 1,2,4-trichlorobenzene, and 1,2,4-trimethylbenzene were detected between the MDL and the RL in the method blank for batch 362645; these analytes were not detected in samples at or above the RL.
- No other analytical problems were encountered.

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

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

No analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

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

No analytical problems were encountered.

RSK-175 CO2 (RSK-175):

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



Enthalpy Analytical

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

Chain of Custody Record

Lab No: 525910

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: 1 Day: 3 Day: Custom TAT:

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

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request				Test Instructions / Comments			
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo	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
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.									
1 DW-14	2/10/25	913	var.	W	13	var.	X	X	X	X	X	X	X	X	X
2 DW-17	1042	1158					X	X	X	X	X	X	X	X	X
3 DW-30	1249	1200					X	X	X	X	X	X	X	X	X
4 DW-15							X	X	X	X	X	X	X	X	X
5 QCFB							X	X	X	X	X	X	X	X	X
6 QCTB							X	X	X	X	X	X	X	X	X
7															
8															
9															
10															
Relinquished By:	Signature	Print Name	Company / Title	Date / Time											
1 Relinquished By:	Paul Chang	Paul Chang	CEI	2/10/25 1355											
1 Received By:	Steve Cassulo	Steve Cassulo	EA NH	2/10/25 1355											
2 Relinquished By:	Paul Chang	Paul Chang	EA NH	2/11/25 10:23											
2 Received By:	Steve Cassulo	Steve Cassulo	EA	2/11/25 10:23											
3 Relinquished By:	Paul Chang	Paul Chang	EA	2/11/25 11:00											
3 Received By:	Steve Cassulo	Steve Cassulo	EA	2/11/25 11:00											

IR 11 4.5 / 4.6

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 2-10-25 WO# 525910 Client: Chiquita Canyon

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

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

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 2-10-25 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: -0.2C

Cooler Temp (°C) #1: 15.5 / 14.8 #2: 15.2 / 14.5 #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>		<u>X</u>

Section 5: Explanations / Comments

☐ PM notified

Date Logged 2/10/25 By (print) AES (sign) _____

Date Labeled 2/11/25 By (print) DEP / NCH (sign) _____

Date Received: 2/11/25 WO# 525910 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 2/11/25 By (initials) HNT Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

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

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR11 CF: 10.1

Cooler Temp (°C) #1: 4.5 / 45.96 #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?

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.)

☐ No additional discrepancies

Date Logged 2/10/25 By (print) AES (sign) 

Date Labeled 2/11/25 By (print) DEP/INCM (sign) _____

Analysis Results for 525910

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

Lab Job #: 525910
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 02/10/25

Sample ID: DW-14

Lab ID: 525910-001

Collected: 02/10/25 09:13

Matrix: Water

525910-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.39		mg/L	0.20	0.073	1	362706	02/11/25 15:00	02/11/25 22:23	KUM
Chloride	94		mg/L	1.0	0.27	1	362706	02/11/25 15:00	02/11/25 22:23	KUM
Bromide	0.12	J	mg/L	0.30	0.060	1	362706	02/11/25 15:00	02/11/25 22:23	KUM
Nitrogen, Nitrate	0.32		mg/L	0.10	0.05	1	362706	02/11/25 15:00	02/11/25 22:23	KUM
Sulfate	30		mg/L	1.0	0.18	1	362706	02/11/25 15:00	02/11/25 22:23	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	363789	02/21/25	02/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	1.6	1	363182	02/15/25	02/15/25	EPL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.11		mg/L	0.050	0.0055	1	362734	02/11/25	02/11/25	SBW
Calcium	2.4		mg/L	0.57	0.57	1	362734	02/11/25	02/11/25	SBW
Iron	0.13		mg/L	0.046	0.046	1	362734	02/11/25	02/11/25	SBW
Magnesium	0.16		mg/L	0.10	0.025	1	362734	02/11/25	02/11/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	362734	02/11/25	02/11/25	SBW
Potassium	0.45	J	mg/L	0.50	0.40	1	362734	02/11/25	02/11/25	SBW
Sodium	140		mg/L	0.50	0.35	1	362734	02/11/25	02/11/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	1.3	1	363206	02/16/25	02/16/25	EJB
Freon 12	ND		ug/L	5.0	0.2	1	363206	02/16/25	02/16/25	EJB
Chloromethane	ND		ug/L	5.0	0.4	1	363206	02/16/25	02/16/25	EJB
Vinyl Chloride	ND		ug/L	5.0	0.2	1	363206	02/16/25	02/16/25	EJB
Bromomethane	ND		ug/L	5.0	0.3	1	363206	02/16/25	02/16/25	EJB
Chloroethane	ND		ug/L	5.0	0.2	1	363206	02/16/25	02/16/25	EJB
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	363206	02/16/25	02/16/25	EJB
Acetone	ND		ug/L	100	16	1	363206	02/16/25	02/16/25	EJB
Freon 113	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
1,1-Dichloroethene	ND		ug/L	5.0	0.2	1	363206	02/16/25	02/16/25	EJB
Methylene Chloride	ND		ug/L	5.0	1.4	1	363206	02/16/25	02/16/25	EJB
MTBE	ND		ug/L	5.0	0.2	1	363206	02/16/25	02/16/25	EJB
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
1,1-Dichloroethane	ND		ug/L	5.0	0.2	1	363206	02/16/25	02/16/25	EJB
2-Butanone	ND		ug/L	100	3.1	1	363206	02/16/25	02/16/25	EJB
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	363206	02/16/25	02/16/25	EJB
Chloroform	ND		ug/L	5.0	0.2	1	363206	02/16/25	02/16/25	EJB

Analysis Results for 525910

525910-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
1,1,1-Trichloroethane	ND		ug/L	5.0	0.06	1	363206	02/16/25	02/16/25	EJB
1,1-Dichloropropene	ND		ug/L	5.0	0.09	1	363206	02/16/25	02/16/25	EJB
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
Benzene	ND		ug/L	5.0	0.09	1	363206	02/16/25	02/16/25	EJB
Trichloroethene	ND		ug/L	5.0	0.2	1	363206	02/16/25	02/16/25	EJB
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
Bromodichloromethane	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
Dibromomethane	ND		ug/L	5.0	0.09	1	363206	02/16/25	02/16/25	EJB
4-Methyl-2-Pentanone	ND		ug/L	5.0	2.3	1	363206	02/16/25	02/16/25	EJB
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
Toluene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	363206	02/16/25	02/16/25	EJB
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	363206	02/16/25	02/16/25	EJB
Tetrachloroethene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
Dibromochloromethane	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	363206	02/16/25	02/16/25	EJB
Chlorobenzene	ND		ug/L	5.0	0.09	1	363206	02/16/25	02/16/25	EJB
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
Ethylbenzene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
m,p-Xylenes	ND		ug/L	10	0.2	1	363206	02/16/25	02/16/25	EJB
o-Xylene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
Styrene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
Bromoform	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
Isopropylbenzene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	363206	02/16/25	02/16/25	EJB
Propylbenzene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
Bromobenzene	ND		ug/L	5.0	0.07	1	363206	02/16/25	02/16/25	EJB
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
sec-Butylbenzene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
n-Butylbenzene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.5	1	363206	02/16/25	02/16/25	EJB
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.08	1	363206	02/16/25	02/16/25	EJB
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
Naphthalene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	363206	02/16/25	02/16/25	EJB
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	1	363206	02/16/25	02/16/25	EJB
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	363206	02/16/25	02/16/25	EJB
Xylene (total)	ND		ug/L	5.0		1	363206	02/16/25	02/16/25	EJB
Surrogates			Limits							
Dibromofluoromethane	99%		%REC	70-130		1	363206	02/16/25	02/16/25	EJB

Analysis Results for 525910

525910-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	103%		%REC	70-130		1	363206	02/16/25	02/16/25	EJB
Toluene-d8	94%		%REC	70-130		1	363206	02/16/25	02/16/25	EJB
Bromofluorobenzene	98%		%REC	70-130		1	363206	02/16/25	02/16/25	EJB
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.95	1	362743	02/11/25	02/13/25	XLY
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	362743	02/11/25	02/13/25	XLY
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	362961	02/13/25	02/13/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	363243	02/17/25	02/18/25	DXA
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	150		mg/L	5.0		2.5	362892	02/12/25	02/12/25	WWC
Alkalinity, Total as CaCO3	210		mg/L	5.0		2.5	362892	02/12/25	02/12/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	410		mg/L	20		2	363054	02/14/25	02/15/25	RDL

Analysis Results for 525910

Sample ID: DW-17
Lab ID: 525910-002
Collected: 02/10/25 10:42
Matrix: Water

525910-002 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	362706	02/11/25 15:00	02/11/25 22:39	KUM
Chloride	150		mg/L	1.0	0.27	1	362706	02/11/25 15:00	02/11/25 22:39	KUM
Bromide	0.30	J	mg/L	0.30	0.060	1	362706	02/11/25 15:00	02/11/25 22:39	KUM
Nitrogen, Nitrate	0.99		mg/L	0.10	0.05	1	362706	02/11/25 15:00	02/11/25 22:39	KUM
Sulfate	180		mg/L	10	1.8	10	362706	02/11/25 15:00	02/11/25 22:56	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	363789	02/21/25	02/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	1.6	1	363182	02/15/25	02/15/25	EPL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.084		mg/L	0.050	0.0055	1	362734	02/11/25	02/11/25	SBW
Calcium	4.6		mg/L	0.57	0.57	1	362734	02/11/25	02/11/25	SBW
Iron	ND		mg/L	0.046	0.046	1	362734	02/11/25	02/11/25	SBW
Magnesium	0.13		mg/L	0.10	0.025	1	362734	02/11/25	02/11/25	SBW
Manganese	0.0043	J	mg/L	0.010	0.0029	1	362734	02/11/25	02/11/25	SBW
Potassium	0.63		mg/L	0.50	0.40	1	362734	02/11/25	02/11/25	SBW
Sodium	220		mg/L	0.50	0.35	1	362734	02/11/25	02/11/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	362645	02/11/25	02/11/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Acetone	ND		ug/L	100	44	1	362645	02/11/25	02/11/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	362645	02/11/25	02/11/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	362645	02/11/25	02/11/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	362645	02/11/25	02/11/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST

Analysis Results for 525910

525910-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	362645	02/11/25	02/11/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	362645	02/11/25	02/11/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	362645	02/11/25	02/11/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	362645	02/11/25	02/11/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	362645	02/11/25	02/11/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	362645	02/11/25	02/11/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	362645	02/11/25	02/11/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	362645	02/11/25	02/11/25	ZST
Xylene (total)	ND		ug/L	5.0		1	362645	02/11/25	02/11/25	ZST
Surrogates			Limits							
Dibromofluoromethane	108%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST
1,2-Dichloroethane-d4	109%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST
Toluene-d8	95%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 525910

525910-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	362743	02/11/25	02/13/25	XLY
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	108%		%REC	80-120		1	362743	02/11/25	02/13/25	XLY
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	362961	02/13/25	02/13/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.1		mg/L	1.0	0.68	1	363243	02/17/25	02/18/25	DXA
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	110		mg/L	5.0		2.5	362892	02/12/25	02/12/25	WWC
Alkalinity, Total as CaCO3	160		mg/L	5.0		2.5	362892	02/12/25	02/12/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	680		mg/L	20		2	363054	02/14/25	02/15/25	RDL

Analysis Results for 525910

Sample ID: DW-30
Lab ID: 525910-003
Collected: 02/10/25 11:58
Matrix: Water

525910-003 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	362706	02/11/25 15:00	02/11/25 23:13	KUM
Chloride	57		mg/L	1.0	0.27	1	362706	02/11/25 15:00	02/11/25 23:13	KUM
Bromide	0.13	J	mg/L	0.30	0.060	1	362706	02/11/25 15:00	02/11/25 23:13	KUM
Nitrogen, Nitrate	0.19		mg/L	0.10	0.05	1	362706	02/11/25 15:00	02/11/25 23:13	KUM
Sulfate	300		mg/L	10	1.8	10	362706	02/11/25 15:00	02/12/25 00:04	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	363789	02/21/25	02/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	1.6	1	363182	02/15/25	02/15/25	EPL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.20		mg/L	0.050	0.0055	1	362734	02/11/25	02/11/25	SBW
Calcium	35		mg/L	0.57	0.57	1	362734	02/11/25	02/11/25	SBW
Iron	0.10		mg/L	0.046	0.046	1	362734	02/11/25	02/11/25	SBW
Magnesium	5.6		mg/L	0.10	0.025	1	362734	02/11/25	02/11/25	SBW
Manganese	0.044		mg/L	0.010	0.0029	1	362734	02/11/25	02/11/25	SBW
Potassium	1.5		mg/L	0.50	0.40	1	362734	02/11/25	02/11/25	SBW
Sodium	190		mg/L	0.50	0.35	1	362734	02/11/25	02/11/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	362645	02/11/25	02/11/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Acetone	ND		ug/L	100	44	1	362645	02/11/25	02/11/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	362645	02/11/25	02/11/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	362645	02/11/25	02/11/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	362645	02/11/25	02/11/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST

Analysis Results for 525910

525910-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	362645	02/11/25	02/11/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Tetrachloroethene	0.5	J	ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	362645	02/11/25	02/11/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	362645	02/11/25	02/11/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	362645	02/11/25	02/11/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	362645	02/11/25	02/11/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	362645	02/11/25	02/11/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	362645	02/11/25	02/11/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	362645	02/11/25	02/11/25	ZST
Xylene (total)	ND		ug/L	5.0		1	362645	02/11/25	02/11/25	ZST
Surrogates			Limits							
Dibromofluoromethane	112%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST
1,2-Dichloroethane-d4	111%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST
Toluene-d8	100%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 525910

525910-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	362743	02/11/25	02/13/25	XLY
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		1	362743	02/11/25	02/13/25	XLY
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	362961	02/13/25	02/13/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.3		mg/L	1.0	0.68	1	363243	02/17/25	02/18/25	DXA
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	180		mg/L	5.0		2.5	362892	02/12/25	02/12/25	WWC
Alkalinity, Total as CaCO3	180		mg/L	5.0		2.5	362892	02/12/25	02/12/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	730		mg/L	20		2	363054	02/14/25	02/15/25	RDL

Analysis Results for 525910

Sample ID: DW-15
Lab ID: 525910-004
Collected: 02/10/25 12:49
Matrix: Water

525910-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.086	J	mg/L	0.20	0.073	1	362706	02/11/25 15:00	02/12/25 00:21	KUM
Chloride	72		mg/L	1.0	0.27	1	362706	02/11/25 15:00	02/12/25 00:21	KUM
Bromide	0.16	J	mg/L	0.30	0.060	1	362706	02/11/25 15:00	02/12/25 00:21	KUM
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	362706	02/11/25 15:00	02/12/25 00:21	KUM
Sulfate	1,400		mg/L	20	3.7	20	362706	02/11/25 15:00	02/12/25 00:37	KUM
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.11		mg/L	0.10	0.050	1	363789	02/21/25	02/24/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	2.0	J	mg/L	4.0	1.6	1	363182	02/15/25	02/15/25	EPL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.21		mg/L	0.050	0.0055	1	362734	02/11/25	02/11/25	SBW
Calcium	230		mg/L	0.57	0.57	1	362734	02/11/25	02/11/25	SBW
Iron	0.86		mg/L	0.046	0.046	1	362734	02/11/25	02/11/25	SBW
Magnesium	32		mg/L	0.10	0.025	1	362734	02/11/25	02/11/25	SBW
Manganese	0.59		mg/L	0.010	0.0029	1	362734	02/11/25	02/11/25	SBW
Potassium	2.6		mg/L	0.50	0.40	1	362734	02/11/25	02/11/25	SBW
Sodium	390		mg/L	0.50	0.35	1	362734	02/11/25	02/11/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	362645	02/11/25	02/11/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Acetone	ND		ug/L	100	44	1	362645	02/11/25	02/11/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	362645	02/11/25	02/11/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	362645	02/11/25	02/11/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	362645	02/11/25	02/11/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST

Analysis Results for 525910

525910-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	362645	02/11/25	02/11/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	362645	02/11/25	02/11/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	362645	02/11/25	02/11/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	362645	02/11/25	02/11/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,4-Dichlorobenzene	0.2	J	ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	362645	02/11/25	02/11/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	362645	02/11/25	02/11/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	362645	02/11/25	02/11/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	362645	02/11/25	02/11/25	ZST
Xylene (total)	ND		ug/L	5.0		1	362645	02/11/25	02/11/25	ZST
Surrogates				Limits						
Dibromofluoromethane	102%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST
1,2-Dichloroethane-d4	111%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST
Toluene-d8	96%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 525910

525910-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	362743	02/11/25	02/13/25	XLY
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	362743	02/11/25	02/13/25	XLY
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	362961	02/13/25	02/13/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.8		mg/L	1.0	0.68	1	363243	02/17/25	02/18/25	DXA
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	200		mg/L	5.0		2.5	362892	02/12/25	02/12/25	WWC
Alkalinity, Total as CaCO3	200		mg/L	5.0		2.5	362892	02/12/25	02/12/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	2,400		mg/L	20		2	363054	02/14/25	02/15/25	RDL

Analysis Results for 525910

Sample ID: QCFB
Lab ID: 525910-005
Collected: 02/10/25 12:00
Matrix: Water

525910-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	362645	02/11/25	02/11/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Acetone	ND		ug/L	100	44	1	362645	02/11/25	02/11/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	362645	02/11/25	02/11/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	362645	02/11/25	02/11/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	362645	02/11/25	02/11/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Chloroform	0.6	J	ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	362645	02/11/25	02/11/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	362645	02/11/25	02/11/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	362645	02/11/25	02/11/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST

Analysis Results for 525910

525910-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	362645	02/11/25	02/11/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	362645	02/11/25	02/11/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	362645	02/11/25	02/11/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	362645	02/11/25	02/11/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	362645	02/11/25	02/11/25	ZST
Xylene (total)	ND		ug/L	5.0		1	362645	02/11/25	02/11/25	ZST
Surrogates	Limits									
Dibromofluoromethane	112%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST
1,2-Dichloroethane-d4	114%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST
Toluene-d8	96%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST

Analysis Results for 525910

Sample ID: QCTB
Lab ID: 525910-006
Collected: 02/10/25
Matrix: Water

525910-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	362645	02/11/25	02/11/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Acetone	ND		ug/L	100	44	1	362645	02/11/25	02/11/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	362645	02/11/25	02/11/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	362645	02/11/25	02/11/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	362645	02/11/25	02/11/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Chloroform	0.6	J	ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	362645	02/11/25	02/11/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	362645	02/11/25	02/11/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	362645	02/11/25	02/11/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST

Analysis Results for 525910

525910-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	362645	02/11/25	02/11/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	362645	02/11/25	02/11/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	362645	02/11/25	02/11/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	362645	02/11/25	02/11/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	362645	02/11/25	02/11/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	362645	02/11/25	02/11/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	362645	02/11/25	02/11/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	362645	02/11/25	02/11/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	362645	02/11/25	02/11/25	ZST
Xylene (total)	ND		ug/L	5.0		1	362645	02/11/25	02/11/25	ZST
Surrogates	Limits									
Dibromofluoromethane	112%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST
1,2-Dichloroethane-d4	115%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST
Toluene-d8	95%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST
Bromofluorobenzene	121%		%REC	70-130		1	362645	02/11/25	02/11/25	ZST

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1228164	Batch: 362706
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1228164 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	02/11/25 15:00	02/11/25 17:19
Chloride	ND		mg/L	1.0	0.27	02/11/25 15:00	02/11/25 17:19
Bromide	ND		mg/L	0.30	0.060	02/11/25 15:00	02/11/25 17:19
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	02/11/25 15:00	02/11/25 17:19
Sulfate	ND		mg/L	1.0	0.18	02/11/25 15:00	02/11/25 17:19

Type: Lab Control Sample	Lab ID: QC1228165	Batch: 362706
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1228165 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.510	10.00	mg/L	95%		90-110
Chloride	47.39	50.00	mg/L	95%		90-110
Bromide	14.63	15.00	mg/L	98%		90-110
Nitrogen, Nitrate	4.323	4.518	mg/L	96%		90-110
Sulfate	24.26	25.00	mg/L	97%		90-110

Type: Matrix Spike	Lab ID: QC1228168	Batch: 362706
Matrix (Source ID): Water (525850-001)	Method: EPA 300.0	Prep Method: METHOD

QC1228168 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	20.23	0.2553	20.00	mg/L	100%		80-120	1
Chloride	151.4	49.91	100.0	mg/L	102%		80-120	1
Bromide	14.92	0.1189	15.00	mg/L	99%		80-120	1
Nitrogen, Nitrate	12.09	3.131	9.036	mg/L	99%		80-120	1
Sulfate	62.98	13.20	50.00	mg/L	100%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1228169	Batch: 362706
Matrix (Source ID): Water (525850-001)	Method: EPA 300.0	Prep Method: METHOD

QC1228169 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.54	0.2553	20.00	mg/L	101%		80-120	1	20	1
Chloride	152.9	49.91	100.0	mg/L	103%		80-120	1	20	1
Bromide	15.14	0.1189	15.00	mg/L	100%		80-120	1	20	1
Nitrogen, Nitrate	12.22	3.131	9.036	mg/L	101%		80-120	1	20	1
Sulfate	63.70	13.20	50.00	mg/L	101%		80-120	1	20	1

Type: Lab Control Sample	Lab ID: QC1231874	Batch: 363789
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1231874 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.036	1.000	mg/L	104%		90-110

Batch QC

Type: Blank	Lab ID: QC1231875	Batch: 363789
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1231875 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	02/21/25	02/24/25

Type: Matrix Spike	Lab ID: QC1232124	Batch: 363789
Matrix (Source ID): Water (525502-001)	Method: EPA 350.1	Prep Method: METHOD

QC1232124 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.359	0.3081	1.000	mg/L	105%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1232125	Batch: 363789
Matrix (Source ID): Water (525502-001)	Method: EPA 350.1	Prep Method: METHOD

QC1232125 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	1.385	0.3081	1.000	mg/L	108%		90-110	2	20	1

Type: Matrix Spike	Lab ID: QC1232126	Batch: 363789
Matrix (Source ID): Water (525701-001)	Method: EPA 350.1	Prep Method: METHOD

QC1232126 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.284	0.2693	1.000	mg/L	101%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1232127	Batch: 363789
Matrix (Source ID): Water (525701-001)	Method: EPA 350.1	Prep Method: METHOD

QC1232127 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Ammonia-N	1.367	0.2693	1.000	mg/L	110%		90-110	6	20	1

Type: Blank	Lab ID: QC1229759	Batch: 363182
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1229759 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	1.6	02/15/25	02/15/25

Type: Lab Control Sample	Lab ID: QC1229760	Batch: 363182
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1229760 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	107.0	100.0	mg/L	107%		90-110

Batch QC

Type: Matrix Spike	Lab ID: QC1229761	Batch: 363182
Matrix (Source ID): Water (525910-001)	Method: EPA 410.4	Prep Method: METHOD

QC1229761 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	114.0	ND	100.0	mg/L	114%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1229762	Batch: 363182
Matrix (Source ID): Water (525910-001)	Method: EPA 410.4	Prep Method: METHOD

QC1229762 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chemical Oxygen Demand	110.0	ND	100.0	mg/L	110%		75-125	4	20	2

Type: Blank	Lab ID: QC1228219	Batch: 362734
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1228219 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	02/11/25	02/11/25
Calcium	ND		mg/L	0.57	0.57	02/11/25	02/11/25
Iron	ND		mg/L	0.046	0.046	02/11/25	02/11/25
Magnesium	ND		mg/L	0.10	0.025	02/11/25	02/11/25
Manganese	ND		mg/L	0.010	0.0029	02/11/25	02/11/25
Potassium	ND		mg/L	0.50	0.40	02/11/25	02/11/25
Sodium	ND		mg/L	0.50	0.35	02/11/25	02/11/25

Type: Lab Control Sample	Lab ID: QC1228220	Batch: 362734
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1228220 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3488	0.4000	mg/L	87%		80-120
Calcium	18.26	20.40	mg/L	90%		80-120
Iron	0.3569	0.4000	mg/L	89%		80-120
Magnesium	17.99	20.40	mg/L	88%		80-120
Manganese	0.3553	0.4000	mg/L	89%		80-120
Potassium	20.62	24.00	mg/L	86%		80-120
Sodium	17.93	20.40	mg/L	88%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1228221	Batch: 362734
Matrix (Source ID): Water (525910-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1228221 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.4681	0.1145	0.4000	mg/L	88%		75-125	1
Calcium	20.72	2.428	20.40	mg/L	90%		75-125	1
Iron	0.4938	0.1263	0.4000	mg/L	92%		75-125	1
Magnesium	18.13	0.1591	20.40	mg/L	88%		75-125	1
Manganese	0.3564	ND	0.4000	mg/L	89%		75-125	1
Potassium	21.14	0.4503	24.00	mg/L	86%		75-125	1
Sodium	154.5	136.3	20.40	mg/L	89%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1228222	Batch: 362734
Matrix (Source ID): Water (525910-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1228222 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.4723	0.1145	0.4000	mg/L	89%		75-125	1	20	1
Calcium	20.78	2.428	20.40	mg/L	90%		75-125	0	20	1
Iron	0.5006	0.1263	0.4000	mg/L	94%		75-125	1	20	1
Magnesium	18.17	0.1591	20.40	mg/L	88%		75-125	0	20	1
Manganese	0.3594	ND	0.4000	mg/L	90%		75-125	1	20	1
Potassium	21.21	0.4503	24.00	mg/L	86%		75-125	0	20	1
Sodium	155.5	136.3	20.40	mg/L	94%	NM	75-125	1	20	1

Type: Serial Dilution	Lab ID: QC1228617	Batch: 362734
Matrix (Source ID): Water (525910-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1228617 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.1132	0.1145	mg/L	J			5
Calcium	ND	2.428	mg/L				5
Iron	ND	0.1263	mg/L				5
Magnesium	0.1607	0.1591	mg/L	J			5
Manganese	ND	ND	mg/L				5
Potassium	ND	0.4503	mg/L				5
Sodium	130.7	136.3	mg/L				5

Batch QC

Type: Lab Control Sample	Lab ID: QC1227951	Batch: 362645
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1227951 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	51.99	50.00	ug/L	104%		70-135
MTBE	47.80	50.00	ug/L	96%		70-130
Benzene	54.44	50.00	ug/L	109%		70-130
Trichloroethene	55.96	50.00	ug/L	112%		70-130
Toluene	52.64	50.00	ug/L	105%		70-130
Chlorobenzene	53.09	50.00	ug/L	106%		70-130
Surrogates						
Dibromofluoromethane	51.99	50.00	ug/L	104%		70-130
1,2-Dichloroethane-d4	50.38	50.00	ug/L	101%		70-130
Toluene-d8	48.22	50.00	ug/L	96%		70-130
Bromofluorobenzene	47.53	50.00	ug/L	95%		70-130

Type: Lab Control Sample Duplicate	Lab ID: QC1227952	Batch: 362645
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1227952 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	46.37	50.00	ug/L	93%		70-135	11	30
MTBE	43.62	50.00	ug/L	87%		70-130	9	30
Benzene	49.73	50.00	ug/L	99%		70-130	9	30
Trichloroethene	51.86	50.00	ug/L	104%		70-130	8	30
Toluene	48.35	50.00	ug/L	97%		70-130	8	30
Chlorobenzene	49.77	50.00	ug/L	100%		70-130	6	30
Surrogates								
Dibromofluoromethane	52.19	50.00	ug/L	104%		70-130		
1,2-Dichloroethane-d4	50.42	50.00	ug/L	101%		70-130		
Toluene-d8	48.46	50.00	ug/L	97%		70-130		
Bromofluorobenzene	48.35	50.00	ug/L	97%		70-130		

Batch QC

Type: Blank	Lab ID: QC1227957	Batch: 362645
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1227957 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.3	02/11/25	02/11/25
Freon 12	ND		ug/L	5.0	0.3	02/11/25	02/11/25
Chloromethane	ND		ug/L	5.0	0.4	02/11/25	02/11/25
Vinyl Chloride	ND		ug/L	5.0	0.2	02/11/25	02/11/25
Bromomethane	ND		ug/L	5.0	0.2	02/11/25	02/11/25
Chloroethane	ND		ug/L	5.0	0.3	02/11/25	02/11/25
Trichlorofluoromethane	ND		ug/L	5.0	0.2	02/11/25	02/11/25
Acetone	ND		ug/L	100	44	02/11/25	02/11/25
Freon 113	ND		ug/L	5.0	0.1	02/11/25	02/11/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	02/11/25	02/11/25
Methylene Chloride	ND		ug/L	5.0	3.5	02/11/25	02/11/25
MTBE	ND		ug/L	5.0	0.1	02/11/25	02/11/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	02/11/25	02/11/25
1,1-Dichloroethane	ND		ug/L	5.0	0.08	02/11/25	02/11/25
2-Butanone	ND		ug/L	100	2.3	02/11/25	02/11/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	02/11/25	02/11/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	02/11/25	02/11/25
Chloroform	ND		ug/L	5.0	0.1	02/11/25	02/11/25
Bromochloromethane	ND		ug/L	5.0	0.2	02/11/25	02/11/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	02/11/25	02/11/25
1,1-Dichloropropene	ND		ug/L	5.0	0.2	02/11/25	02/11/25
Carbon Tetrachloride	ND		ug/L	5.0	0.2	02/11/25	02/11/25
1,2-Dichloroethane	ND		ug/L	5.0	0.1	02/11/25	02/11/25
Benzene	ND		ug/L	5.0	0.1	02/11/25	02/11/25
Trichloroethene	ND		ug/L	5.0	0.1	02/11/25	02/11/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	02/11/25	02/11/25
Bromodichloromethane	ND		ug/L	5.0	0.1	02/11/25	02/11/25
Dibromomethane	ND		ug/L	5.0	0.2	02/11/25	02/11/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	02/11/25	02/11/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	02/11/25	02/11/25
Toluene	ND		ug/L	5.0	0.3	02/11/25	02/11/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	02/11/25	02/11/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	02/11/25	02/11/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	02/11/25	02/11/25
Tetrachloroethene	ND		ug/L	5.0	0.2	02/11/25	02/11/25
Dibromochloromethane	ND		ug/L	5.0	0.1	02/11/25	02/11/25
1,2-Dibromoethane	ND		ug/L	5.0	0.1	02/11/25	02/11/25
Chlorobenzene	ND		ug/L	5.0	0.1	02/11/25	02/11/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	02/11/25	02/11/25
Ethylbenzene	ND		ug/L	5.0	0.07	02/11/25	02/11/25
m,p-Xylenes	ND		ug/L	10	0.1	02/11/25	02/11/25
o-Xylene	ND		ug/L	5.0	0.09	02/11/25	02/11/25
Styrene	ND		ug/L	5.0	0.2	02/11/25	02/11/25
Bromoform	ND		ug/L	5.0	0.2	02/11/25	02/11/25
Isopropylbenzene	ND		ug/L	5.0	0.09	02/11/25	02/11/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	02/11/25	02/11/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	02/11/25	02/11/25

Batch QC

QC1227957 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.09	02/11/25	02/11/25
Bromobenzene	ND		ug/L	5.0	0.1	02/11/25	02/11/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	02/11/25	02/11/25
2-Chlorotoluene	ND		ug/L	5.0	0.08	02/11/25	02/11/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	02/11/25	02/11/25
tert-Butylbenzene	ND		ug/L	5.0	0.09	02/11/25	02/11/25
1,2,4-Trimethylbenzene	0.3	J	ug/L	5.0	0.1	02/11/25	02/11/25
sec-Butylbenzene	ND		ug/L	5.0	0.09	02/11/25	02/11/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	02/11/25	02/11/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	02/11/25	02/11/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	02/11/25	02/11/25
n-Butylbenzene	0.2	J	ug/L	5.0	0.1	02/11/25	02/11/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	02/11/25	02/11/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	02/11/25	02/11/25
1,2,4-Trichlorobenzene	0.2	J	ug/L	5.0	0.2	02/11/25	02/11/25
Hexachlorobutadiene	ND		ug/L	5.0	0.09	02/11/25	02/11/25
Naphthalene	ND		ug/L	5.0	0.5	02/11/25	02/11/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	02/11/25	02/11/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	02/11/25	02/11/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	02/11/25	02/11/25
Xylene (total)	ND		ug/L	5.0		02/11/25	02/11/25
Surrogates				Limits			
Dibromofluoromethane	106%		%REC	70-130		02/11/25	02/11/25
1,2-Dichloroethane-d4	101%		%REC	70-130		02/11/25	02/11/25
Toluene-d8	97%		%REC	70-130		02/11/25	02/11/25
Bromofluorobenzene	101%		%REC	70-130		02/11/25	02/11/25

Type: Matrix Spike	Lab ID: QC1228059	Batch: 362645
Matrix (Source ID): Water (525912-008)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1228059 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	1,089	ND	1000	ug/L	109%		70-130	50
MTBE	960.3	ND	1000	ug/L	96%		75-130	50
Benzene	1,145	14.42	1000	ug/L	113%		70-130	50
Trichloroethene	1,225	ND	1000	ug/L	123%		63-130	50
Toluene	1,149	23.11	1000	ug/L	113%		70-130	50
Chlorobenzene	1,156	ND	1000	ug/L	116%		70-130	50
Surrogates								
Dibromofluoromethane	2,601		2500	ug/L	104%		70-130	50
1,2-Dichloroethane-d4	2,488		2500	ug/L	100%		70-130	50
Toluene-d8	2,422		2500	ug/L	97%		70-130	50
Bromofluorobenzene	2,311		2500	ug/L	92%		70-130	50

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1228060	Batch: 362645
Matrix (Source ID): Water (525912-008)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1228060 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	1,097	ND	1000	ug/L	110%		70-130	1	30	50
MTBE	992.2	ND	1000	ug/L	99%		75-130	3	30	50
Benzene	1,171	14.42	1000	ug/L	116%		70-130	2	30	50
Trichloroethene	1,224	ND	1000	ug/L	122%		63-130	0	30	50
Toluene	1,134	23.11	1000	ug/L	111%		70-130	1	30	50
Chlorobenzene	1,150	ND	1000	ug/L	115%		70-130	1	30	50
Surrogates										
Dibromofluoromethane	2,630		2500	ug/L	105%		70-130			50
1,2-Dichloroethane-d4	2,649		2500	ug/L	106%		70-130			50
Toluene-d8	2,400		2500	ug/L	96%		70-130			50
Bromofluorobenzene	2,546		2500	ug/L	102%		70-130			50

Batch QC

Type: Blank	Lab ID: QC1229868	Batch: 363206
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1229868 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	1.3	02/16/25	02/16/25
Freon 12	ND		ug/L	5.0	0.2	02/16/25	02/16/25
Chloromethane	ND		ug/L	5.0	0.4	02/16/25	02/16/25
Vinyl Chloride	ND		ug/L	5.0	0.2	02/16/25	02/16/25
Bromomethane	ND		ug/L	5.0	0.3	02/16/25	02/16/25
Chloroethane	ND		ug/L	5.0	0.2	02/16/25	02/16/25
Trichlorofluoromethane	ND		ug/L	5.0	0.2	02/16/25	02/16/25
Acetone	ND		ug/L	100	16	02/16/25	02/16/25
Freon 113	ND		ug/L	5.0	0.1	02/16/25	02/16/25
1,1-Dichloroethene	ND		ug/L	5.0	0.2	02/16/25	02/16/25
Methylene Chloride	ND		ug/L	5.0	1.4	02/16/25	02/16/25
MTBE	ND		ug/L	5.0	0.2	02/16/25	02/16/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
1,1-Dichloroethane	ND		ug/L	5.0	0.2	02/16/25	02/16/25
2-Butanone	ND		ug/L	100	3.1	02/16/25	02/16/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	02/16/25	02/16/25
Chloroform	ND		ug/L	5.0	0.2	02/16/25	02/16/25
Bromochloromethane	ND		ug/L	5.0	0.1	02/16/25	02/16/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.06	02/16/25	02/16/25
1,1-Dichloropropene	ND		ug/L	5.0	0.09	02/16/25	02/16/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	02/16/25	02/16/25
1,2-Dichloroethane	ND		ug/L	5.0	0.1	02/16/25	02/16/25
Benzene	ND		ug/L	5.0	0.09	02/16/25	02/16/25
Trichloroethene	ND		ug/L	5.0	0.2	02/16/25	02/16/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	02/16/25	02/16/25
Bromodichloromethane	ND		ug/L	5.0	0.1	02/16/25	02/16/25
Dibromomethane	ND		ug/L	5.0	0.09	02/16/25	02/16/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	2.3	02/16/25	02/16/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
Toluene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	02/16/25	02/16/25
1,3-Dichloropropane	ND		ug/L	5.0	0.2	02/16/25	02/16/25
Tetrachloroethene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
Dibromochloromethane	ND		ug/L	5.0	0.1	02/16/25	02/16/25
1,2-Dibromoethane	ND		ug/L	5.0	0.2	02/16/25	02/16/25
Chlorobenzene	ND		ug/L	5.0	0.09	02/16/25	02/16/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	02/16/25	02/16/25
Ethylbenzene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
m,p-Xylenes	ND		ug/L	10	0.2	02/16/25	02/16/25
o-Xylene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
Styrene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
Bromoform	ND		ug/L	5.0	0.1	02/16/25	02/16/25
Isopropylbenzene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	02/16/25	02/16/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	02/16/25	02/16/25

Batch QC

QC1229868 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
Bromobenzene	ND		ug/L	5.0	0.07	02/16/25	02/16/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
tert-Butylbenzene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
sec-Butylbenzene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
n-Butylbenzene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.5	02/16/25	02/16/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.08	02/16/25	02/16/25
Hexachlorobutadiene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
Naphthalene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	02/16/25	02/16/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	02/16/25	02/16/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	02/16/25	02/16/25
Xylene (total)	ND		ug/L	5.0		02/16/25	02/16/25
Surrogates	Limits						
Dibromofluoromethane	100%		%REC	70-130		02/16/25	02/16/25
1,2-Dichloroethane-d4	101%		%REC	70-130		02/16/25	02/16/25
Toluene-d8	94%		%REC	70-130		02/16/25	02/16/25
Bromofluorobenzene	99%		%REC	70-130		02/16/25	02/16/25

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1229869
Method: EPA 8260B

Batch: 363206
Prep Method: EPA 5030B

QC1229869 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	46.56	50.00	ug/L	93%		70-135
MTBE	47.53	50.00	ug/L	95%		70-130
Benzene	44.93	50.00	ug/L	90%		70-130
Trichloroethene	42.30	50.00	ug/L	85%		70-130
Toluene	42.47	50.00	ug/L	85%		70-130
Chlorobenzene	43.74	50.00	ug/L	87%		70-130
Surrogates						
Dibromofluoromethane	51.60	50.00	ug/L	103%		70-130
1,2-Dichloroethane-d4	50.00	50.00	ug/L	100%		70-130
Toluene-d8	47.53	50.00	ug/L	95%		70-130
Bromofluorobenzene	51.33	50.00	ug/L	103%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1229870	Batch: 363206
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1229870 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	47.28	50.00	ug/L	95%		70-135	2	30
MTBE	47.53	50.00	ug/L	95%		70-130	0	30
Benzene	45.55	50.00	ug/L	91%		70-130	1	30
Trichloroethene	42.01	50.00	ug/L	84%		70-130	1	30
Toluene	42.02	50.00	ug/L	84%		70-130	1	30
Chlorobenzene	43.43	50.00	ug/L	87%		70-130	1	30
Surrogates								
Dibromofluoromethane	52.08	50.00	ug/L	104%		70-130		
1,2-Dichloroethane-d4	50.18	50.00	ug/L	100%		70-130		
Toluene-d8	47.17	50.00	ug/L	94%		70-130		
Bromofluorobenzene	50.88	50.00	ug/L	102%		70-130		

Type: Matrix Spike	Lab ID: QC1229878	Batch: 363206
Matrix (Source ID): Water (525628-009)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1229878 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	950.7	ND	1000	ug/L	95%		70-130	50
MTBE	1,023	ND	1000	ug/L	102%		75-130	50
Benzene	969.4	ND	1000	ug/L	97%		70-130	50
Trichloroethene	2,731	2308	1000	ug/L	42%	*	63-130	50
Toluene	880.1	ND	1000	ug/L	88%		70-130	50
Chlorobenzene	911.6	ND	1000	ug/L	91%		70-130	50
Surrogates								
Dibromofluoromethane	2,526		2500	ug/L	101%		70-130	50
1,2-Dichloroethane-d4	2,498		2500	ug/L	100%		70-130	50
Toluene-d8	2,342		2500	ug/L	94%		70-130	50
Bromofluorobenzene	2,498		2500	ug/L	100%		70-130	50

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1229879	Batch: 363206
Matrix (Source ID): Water (525628-009)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1229879 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	973.4	ND	1000	ug/L	97%		70-130	2	30	50
MTBE	1,017	ND	1000	ug/L	102%		75-130	1	30	50
Benzene	978.5	ND	1000	ug/L	98%		70-130	1	30	50
Trichloroethene	2,712	2308	1000	ug/L	40%	*	63-130	1	30	50
Toluene	902.1	ND	1000	ug/L	90%		70-130	2	30	50
Chlorobenzene	926.6	ND	1000	ug/L	93%		70-130	2	30	50
Surrogates										
Dibromofluoromethane	2,502		2500	ug/L	100%		70-130			50
1,2-Dichloroethane-d4	2,478		2500	ug/L	99%		70-130			50
Toluene-d8	2,366		2500	ug/L	95%		70-130			50
Bromofluorobenzene	2,489		2500	ug/L	100%		70-130			50

Type: Blank	Lab ID: QC1228251	Batch: 362743
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1228251 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	02/11/25	02/12/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		02/11/25	02/12/25

Type: Lab Control Sample	Lab ID: QC1228252	Batch: 362743
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1228252 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	9.068	10.00	ug/L	91%		80-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.20	10.00	ug/L	102%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1228253	Batch: 362743
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1228253 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	8.853	10.00	ug/L	89%		80-120	2	20
Surrogates								
1,4-Dioxane-d8 (SUR)	9.808	10.00	ug/L	98%		80-120		

Type: Blank	Lab ID: QC1228995	Batch: 362961
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1228995 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		02/13/25	02/13/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1228996	Batch: 362961
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1228996 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	1.000	1.000	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1228997	Batch: 362961
Matrix (Source ID): Water (525628-002)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1228997 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	1.000	ND	1.000	mg/L	100%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1228998	Batch: 362961
Matrix (Source ID): Water (525628-002)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1228998 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	1.000	ND	1.000	mg/L	100%		80-120	0	20	1

Type: Blank	Lab ID: QC1229988	Batch: 363243
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1229988 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	02/17/25	02/17/25

Type: Lab Control Sample	Lab ID: QC1229989	Batch: 363243
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1229989 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	24.19	25.00	mg/L	97%		85-115

Type: Matrix Spike	Lab ID: QC1229990	Batch: 363243
Matrix (Source ID): Water (525889-003)	Method: SM 5310B	Prep Method: SM 5310B

QC1229990 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	29.87	5.305	25.00	mg/L	98%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1229991	Batch: 363243
Matrix (Source ID): Water (525889-003)	Method: SM 5310B	Prep Method: SM 5310B

QC1229991 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	29.74	5.305	25.00	mg/L	98%		75-125	0	25	2

Batch QC

Type: Blank	Lab ID: QC1228751	Batch: 362892
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1228751 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		02/12/25	02/12/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		02/12/25	02/12/25

Type: Lab Control Sample	Lab ID: QC1228752	Batch: 362892
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1228752 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	998.2	1000	mg/L	100%		90-110

Type: Sample Duplicate	Lab ID: QC1228753	Batch: 362892
Matrix (Source ID): Water (525910-004)	Method: SM2320B	Prep Method: METHOD

QC1228753 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	204.0	201.6	mg/L		1	20	2.5
Alkalinity, Total as CaCO ₃	204.0	201.6	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1229339	Batch: 363054
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1229339 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		02/14/25	02/15/25

Type: Lab Control Sample	Lab ID: QC1229340	Batch: 363054
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1229340 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,012	1000	mg/L	101%		90-110

Type: Sample Duplicate	Lab ID: QC1229341	Batch: 363054
Matrix (Source ID): Water (525702-001)	Method: SM2540C	Prep Method: METHOD

QC1229341 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	184.0	176.0	mg/L		4	5	2

Type: Sample Duplicate	Lab ID: QC1229342	Batch: 363054
Matrix (Source ID): Water (525860-002)	Method: SM2540C	Prep Method: METHOD

QC1229342 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	264.0	256.0	mg/L		3	5	2

Batch QC

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

Laboratory Job Number 525910

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2502851

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-525910; Chiquita Canyon Landfill

Project Location:

Project Received: 02/12/2025

Analytical Report reviewed & approved for release on 02/18/2025 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: 2502851

Project: EO-525910; Chiquita Canyon Landfill

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: 2502851

Project: EO-525910; Chiquita Canyon Landfill

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: 02/12/2025 8:48
Date Prepared: 02/14/2025
Project: EO-525910; Chiquita Canyon Landfill

WorkOrder: 2502851
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	2502851-001A	Water	02/10/2025 09:13	GC26 0214250907.D	311501

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	450	50	50	1	02/14/2025 14:16

Analyst(s): JEM

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-17	2502851-002A	Water	02/10/2025 10:42	GC26 0214250908.D	311501

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	400	50	50	1	02/14/2025 14:29

Analyst(s): JEM

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-30	2502851-003A	Water	02/10/2025 11:58	GC26 0214250909.D	311501

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	750	50	50	1	02/14/2025 15:03

Analyst(s): JEM

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 02/12/2025 8:48
Date Prepared: 02/14/2025
Project: EO-525910; Chiquita Canyon Landfill

WorkOrder: 2502851
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-15	2502851-004A	Water	02/10/2025 12:49	GC26 0214250905.D	311501

Analytes	Result	MDL	RL	DF	Date Analyzed
Carbon Dioxide	20,000	1000	1000	20	02/14/2025 18:07

Analyst(s): CLO



Quality Control Report

Client:	Enthalpy Analytical	WorkOrder:	2502851
Date Prepared:	02/14/2025	BatchID:	311501
Date Analyzed:	02/14/2025	Extraction Method:	RSK175
Instrument:	GC26	Analytical Method:	RSK175
Matrix:	Water	Unit:	µg/L
Project:	EO-525910; Chiquita Canyon Landfill	Sample ID:	MB/LCS/LCSD-311501

QC Summary Report for RSK175

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

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	160	160	187.2	85	84	70-130	1.10	30

McCampbell Analytical, Inc.



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

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

WorkOrder: 2502851

ClientCode: ENO

QuoteID: 243367

☐ WaterTrax

☐ CLIP

☐ EDF

☐ EQuIS

☐ Dry-Weight

☒ Email

☐ HardCopy

☐ ThirdParty

☒ J-flag

☐ Detection Summary

☒ Excel [A1_Standard_QC]

Report to:

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

Email: zach.barker@enthalpy.com
cc/3rd Party: incomingreports@enthalpy.com;
PO: 079649
Project: EO-525910; Chiquita Canyon Landfill

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: 02/12/2025

Date Logged: 02/12/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2502851-001	DW-14	Water	2/10/2025 09:13	☐	A	A	A									
2502851-002	DW-17	Water	2/10/2025 10:42	☐	A		A									
2502851-003	DW-30	Water	2/10/2025 11:58	☐	A		A									
2502851-004	DW-15	Water	2/10/2025 12:49	☐	A		A									

Test Legend:

1	PRDisposal Fee
5	
9	

2	PREDD_Excel
6	
10	

3	RSK175_CO2_W
7	
11	

4	
8	
12	

Project Manager: Yen Cao

Prepared by: Natalie Zaragoza

Comments:

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



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Client Contact: Zach Barker

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

Project: EO-525910; Chiquita Canyon Landfill

Comments:

Work Order: 2502851

QC Level: LEVEL 2

Date Logged: 2/12/2025

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

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-14	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	2/10/2025 9:13	2 days	2/14/2025	Present	☐	☐
002A	DW-17	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	2/10/2025 10:42	2 days	2/14/2025	Present	☐	☐
003A	DW-30	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	2/10/2025 11:58	2 days	2/14/2025	Present	☐	☐
004A	DW-15	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	2/10/2025 12:49	2 days	2/14/2025	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.

Subcontract Laboratory:
 McCampbell Analytical, Inc.
 1534 Willow Pass Rd.
 Pittsburg, CA 94565
 ATTN: Quote ID: 243367
 PO #: PO-079649

Enthalpy Order: EO-525910

HOLD TIME RUSH

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

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

Notes:

Chiquita Canyon Landfill

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-14	10-FEB-2025 09:13	525910-001	3	Water	RSK-175 CO2	
DW-17	10-FEB-2025 10:42	525910-002	3	Water	RSK-175 CO2	
DW-30	10-FEB-2025 11:58	525910-003	3	Water	RSK-175 CO2	
DW-15	10-FEB-2025 12:49	525910-004	3	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>A. Dominguez EA-ORA</i>	
	Date: <i>2/11/25 1730</i>	Date:
	Date:	<i>Natasha Brown</i>
	Date:	Date: <i>2/12/25 0848</i>

GLS: 562628525

0.3um 1239



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-525910; Chiquita Canyon Landfill

Date and Time Received: 2/12/2025 08:48

Date Logged: 2/12/2025

Received by: Natalie Zaragoza

Logged by: Natalie Zaragoza

WorkOrder №: 2502851 Matrix:

Carrier: Golden State Overnight

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☐	No ☒	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐

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: 0.3°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 : 528665
Report Level : II
Report Date : 04/01/2025

Analytical Report *prepared for:*

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

Project: GW MONITORING - Chiquita Canyon Landfill - Quarterly MPars

Authorized for release by:

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

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



Sample Summary

Steve Cassulo	Lab Job #:	528665
Waste Connections	Project No:	GW MONITORING
Chiquita Canyon Landfill	Location:	Chiquita Canyon Landfill - Quarterly MPars
29201 Henry Mayo	Date Received:	03/12/25
Drive		
Castaic, CA 91384		

Sample ID	Lab ID	Collected	Matrix
DW-29	528665-001	03/12/25 08:18	Water
DW-31	528665-002	03/12/25 09:14	Water
DW-1	528665-003	03/12/25 10:08	Water
DW-30	528665-004	03/12/25 11:01	Water
DW-15	528665-005	03/12/25 11:54	Water
QCFB	528665-006	03/12/25 09:16	Water
QCTB	528665-007	03/12/25 00:00	Water

Case Narrative

Waste Connections	Lab Job Number: 528665
Chiquita Canyon Landfill	Project No: GW MONITORING
29201 Henry Mayo Drive	Location: Chiquita Canyon Landfill - Quarterly
Castaic, CA 91384	MPars
Steve Cassulo	Date Received: 03/12/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 03/13/25. The samples were received cold and intact.

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

No analytical problems were encountered.

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

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Responses exceeding the instrument's linear range were observed for chloride, nitrogen, nitrate, and sulfate in the MS/MSD for batch 365866 and the MSs/MSD for batch 366561; 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):

- High recovery was observed for chemical oxygen demand in the MS of DW-15 (lab # 528665-005); the LCS was within limits, the associated RPD was within limits, and the high recovery was not associated with any reported results.
- No other analytical problems were encountered.

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

- High recovery was observed for ammonia-N in the MS for batch 367523; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

RSK-175 CO2 (RSK-175):

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



Login 528665

ALPY
ICAL

Enthalpy Analytical

931 W Barkely Ave, Orange, CA 92868

(714) 771-6900

Chain of Custody Record

Lab No: 528665

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

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

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

Preservatives:
1 = $\text{Na}_2\text{S}_2\text{O}_3$ 2 = HCl 3 = HNO_3
4 = H_2SO_4 5 = NaOH 6 = Other

Sample Receipt Temp:
(lab use only)

CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request										Test Instructions / Comments
Company:	Chiquita Canyon Landfill			Name:	Steve Cassulo			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													
	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.												
1	DW-29	3/12/25	8/18	W	13	var.	X	X	X	X	X	X	X	X	X			
2	DW-31		9/4				X	X	X	X	X	X	X	X	X			
3	DW-1		1008				X	X	X	X	X	X	X	X	X			
4	DW-30		1101				X	X	X	X	X	X	X	X	X			
5	DW-15		1154				X	X	X	X	X	X	X	X	X			
6	QCFB		9/6		3		X											
7	QCTB				2		X											
8																		
9																		
10																		

528665
1.911.9
Quarterly MPars
1.511.5
cc report to:
pchang@changenvironmental.com Basic
EDD & GeoTracker EDF

Signature		Print Name	Company / Title	Date / Time
1 Relinquished By:		Paul Chang	CEI	3-12-25 1314
1 Received By:		ALICE TAHMASIAN	EA/NIH	3/12/25 1:14 pm
2 Relinquished By:		ALICE TAHMASIAN	EA/NIH	3/13/25 0830
2 Received By:		Hrag B.	EA/NIH	3/13/25 0830
3 Relinquished By:		Hrag B.	EA/NIH	3/13/25 1100
3 Received By:		PAUL CHANG	CEI	3-13-25 1255

2 p/m/cg RA 3-13-25 1400

ENTHALPY

Date Received: 3/12/25 WO# _____ Client: Chiquita Canyon Landfill **ENTHALPY**
HEALTHCARE

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)

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: 1K03 CF: +0.7

Cooler Temp (°C) #1: 10.9 / 10.2 #2: / #3: / #4: / #5: / #6: /

☒ No microbiology samples submitted (skip 3b)

☐ Adequate headspace for microbiology analysis.

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

YES	NO	N/A
-----	----	-----

1) Were custody papers present, filled properly, and legible?	X		
2) Is the sampler's name present on the CoC?	X		
3) Were containers received in good condition (unbroken / unopened / uncompromised)?	X		
4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)	X		
5) Were all of, and only, the correct samples received?	X		
6) Are sample labels present, legible, and in agreement with the CoC?	X		
7) Does the container count match the CoC?	X		
8) Was sufficient sample volume / mass received for the analyses requested?	X		
9) Were samples received in proper containers for the analyses requested?	X		
10) Were samples received with > 1/2 holding time remaining?	X		
11) Are samples properly preserved as indicated by CoC / labels?	X		
12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?			X
13) Are VOA vials free from headspace/bubbles > 6mm?			X

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

☐ No additional discrepancies

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

Date Received: 3/13/25 WO# 528665 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 3/13/25 By (initials) MF G 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: IR3 CF: TCU

Cooler Temp (°C) #1: 1.9 / 1.9 #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?

2) Is the sampler's name present on the CoC?

3) Were containers received in good condition (unbroken / unopened / uncompromised)?

4) Were the samples bagged? (required for microbiology samples; recommended for soil samples)

5) Were all of, and only, the correct samples received?

6) Are sample labels present, legible, and in agreement with the CoC?

7) Does the container count match the CoC?

8) Was sufficient sample volume / mass received for the analyses requested?

9) Were samples received in proper containers for the analyses requested?

10) Were samples received with $> 1/2$ holding time remaining?

11) Are samples properly preserved as indicated by CoC / labels?

12) Unpreserved VOAs received - If necessary, was the hold time changed in LIMS?

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

Section 5: Explanations / Comments

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

[illegible]☐ No additional discrepancies

Date Logged 3/12/25 By (print) ABD

(sign) Ack 27

Date Labeled 3/13/25 By (print) _____

(sign)

Analysis Results for 528665

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

Lab Job #: 528665
Project No: GW MONITORING
Location: Chiquita Canyon Landfill - Quarterly MPars
Date Received: 03/12/25

Sample ID: DW-29

Lab ID: 528665-001

Collected: 03/12/25 08:18

Matrix: Water

528665-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.39		mg/L	0.20	0.034	1	366561	03/20/25 19:30	03/21/25 04:15	JAA
Chloride	92		mg/L	1.0	0.27	1	365866	03/13/25 18:00	03/13/25 19:55	AJL
Bromide	0.33		mg/L	0.30	0.060	1	365866	03/13/25 18:00	03/13/25 19:55	AJL
Nitrogen, Nitrate	2.3		mg/L	0.10	0.05	1	365866	03/13/25 18:00	03/13/25 19:55	AJL
Sulfate	360		mg/L	10	1.8	10	365866	03/13/25 18:00	03/13/25 20:18	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	367523	03/31/25	03/31/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	6.0		mg/L	4.0	2.0	1	367399	03/28/25	03/28/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.33		mg/L	0.050	0.0055	1	365892	03/13/25	03/14/25	CAP
Calcium	64		mg/L	0.57	0.57	1	365892	03/13/25	03/14/25	CAP
Iron	ND		mg/L	0.046	0.046	1	365892	03/13/25	03/14/25	CAP
Magnesium	8.5		mg/L	0.10	0.025	1	365892	03/13/25	03/14/25	CAP
Manganese	0.055		mg/L	0.010	0.0029	1	365892	03/13/25	03/14/25	CAP
Potassium	1.3		mg/L	0.50	0.40	1	365892	03/13/25	03/14/25	CAP
Sodium	240		mg/L	0.50	0.35	1	365892	03/13/25	03/14/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	366085	03/16/25	03/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Acetone	ND		ug/L	100	44	1	366085	03/16/25	03/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	366085	03/16/25	03/16/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	366085	03/16/25	03/16/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	366085	03/16/25	03/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST

Analysis Results for 528665

528665-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	366085	03/16/25	03/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	366085	03/16/25	03/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	366085	03/16/25	03/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	366085	03/16/25	03/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	366085	03/16/25	03/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	366085	03/16/25	03/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	366085	03/16/25	03/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	366085	03/16/25	03/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	366085	03/16/25	03/16/25	ZST
Surrogates				Limits						
Dibromofluoromethane	107%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST

Results for any subcontracted analyses are not included in this section.

Analysis Results for 528665

528665-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	101%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
Toluene-d8	94%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
Method: EPA 8270C-SIM Prep Method: EPA 3535										
1,4-Dioxane	ND		ug/L	1.0	0.95	1	365879	03/13/25	03/15/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	365879	03/13/25	03/15/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	366053	03/15/25	03/15/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	5.9		mg/L	1.0	0.68	1	366284	03/18/25	03/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	300		mg/L	5.0		2.5	366665	03/21/25	03/21/25	WWC
Alkalinity, Total as CaCO3	300		mg/L	5.0		2.5	366665	03/21/25	03/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,000		mg/L	20		2	366172	03/17/25	03/18/25	RDL

Analysis Results for 528665

Sample ID: DW-31

Lab ID: 528665-002

Collected: 03/12/25 09:14

Matrix: Water

528665-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.21		mg/L	0.20	0.034	1	366561	03/20/25 19:30	03/21/25 04:36	JAA
Chloride	130		mg/L	1.0	0.27	1	365866	03/13/25 18:00	03/14/25 01:10	AJL
Bromide	0.57		mg/L	0.30	0.060	1	365866	03/13/25 18:00	03/14/25 01:10	AJL
Nitrogen, Nitrate	ND		mg/L	1.0	0.50	10	365866	03/13/25 18:00	03/14/25 01:33	AJL
Sulfate	480		mg/L	10	1.8	10	365866	03/13/25 18:00	03/14/25 01:33	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	367523	03/31/25	03/31/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	42		mg/L	4.0	2.0	1	367399	03/28/25	03/28/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.57		mg/L	0.050	0.0055	1	365892	03/13/25	03/14/25	CAP
Calcium	210		mg/L	0.57	0.57	1	365892	03/13/25	03/14/25	CAP
Iron	0.17		mg/L	0.046	0.046	1	365892	03/13/25	03/14/25	CAP
Magnesium	39		mg/L	0.10	0.025	1	365892	03/13/25	03/14/25	CAP
Manganese	0.69		mg/L	0.010	0.0029	1	365892	03/13/25	03/14/25	CAP
Potassium	1.5		mg/L	0.50	0.40	1	365892	03/13/25	03/14/25	CAP
Sodium	150		mg/L	0.50	0.35	1	365892	03/13/25	03/14/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	366085	03/16/25	03/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Acetone	ND		ug/L	100	44	1	366085	03/16/25	03/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	366085	03/16/25	03/16/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	366085	03/16/25	03/16/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	366085	03/16/25	03/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST

Analysis Results for 528665

528665-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	366085	03/16/25	03/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	366085	03/16/25	03/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	366085	03/16/25	03/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	366085	03/16/25	03/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	366085	03/16/25	03/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	366085	03/16/25	03/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	366085	03/16/25	03/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	366085	03/16/25	03/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	366085	03/16/25	03/16/25	ZST
Surrogates			Limits							
Dibromofluoromethane	108%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
Toluene-d8	94%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 528665

528665-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	3.3		ug/L	1.0	0.95	1	365879	03/13/25	03/15/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	365879	03/13/25	03/15/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	366053	03/15/25	03/15/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	20		mg/L	1.0	0.68	1	366284	03/18/25	03/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	480		mg/L	5.0		2.5	366665	03/21/25	03/21/25	WWC
Alkalinity, Total as CaCO3	480		mg/L	5.0		2.5	366665	03/21/25	03/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,400		mg/L	20		2	366172	03/17/25	03/18/25	RDL

Analysis Results for 528665

Sample ID: DW-1
Lab ID: 528665-003
Collected: 03/12/25 10:08
Matrix: Water

528665-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.79		mg/L	0.20	0.034	1	366561	03/20/25 19:30	03/21/25 04:56	JAA
Chloride	110		mg/L	1.0	0.27	1	365866	03/13/25 18:00	03/14/25 02:18	AJL
Bromide	0.28	J	mg/L	0.30	0.060	1	365866	03/13/25 18:00	03/14/25 02:18	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	365866	03/13/25 18:00	03/14/25 02:18	AJL
Sulfate	360		mg/L	10	1.8	10	365866	03/13/25 18:00	03/14/25 02:40	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	367523	03/31/25	03/31/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	24		mg/L	4.0	2.0	1	367399	03/28/25	03/28/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.19		mg/L	0.050	0.0055	1	365892	03/13/25	03/14/25	CAP
Calcium	54		mg/L	0.57	0.57	1	365892	03/13/25	03/14/25	CAP
Iron	ND		mg/L	0.046	0.046	1	365892	03/13/25	03/14/25	CAP
Magnesium	11		mg/L	0.10	0.025	1	365892	03/13/25	03/14/25	CAP
Manganese	0.044		mg/L	0.010	0.0029	1	365892	03/13/25	03/14/25	CAP
Potassium	2.2		mg/L	0.50	0.40	1	365892	03/13/25	03/14/25	CAP
Sodium	210		mg/L	0.50	0.35	1	365892	03/13/25	03/14/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	366085	03/16/25	03/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Acetone	ND		ug/L	100	44	1	366085	03/16/25	03/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	366085	03/16/25	03/16/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloroethane	0.2	J	ug/L	5.0	0.08	1	366085	03/16/25	03/16/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	366085	03/16/25	03/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST

Analysis Results for 528665

528665-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	366085	03/16/25	03/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Tetrachloroethene	0.3	J	ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	366085	03/16/25	03/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	366085	03/16/25	03/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	366085	03/16/25	03/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	366085	03/16/25	03/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	366085	03/16/25	03/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	366085	03/16/25	03/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	366085	03/16/25	03/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	366085	03/16/25	03/16/25	ZST
Surrogates			Limits							
Dibromofluoromethane	109%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
Toluene-d8	95%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 528665

528665-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	365879	03/13/25	03/15/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	365879	03/13/25	03/15/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	366053	03/15/25	03/15/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	0.80	J	mg/L	1.0	0.68	1	366284	03/18/25	03/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	220		mg/L	10		5	366665	03/21/25	03/21/25	WWC
Alkalinity, Total as CaCO3	220		mg/L	10		5	366665	03/21/25	03/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	880		mg/L	20		2	366172	03/17/25	03/18/25	RDL

Analysis Results for 528665

Sample ID: DW-30
Lab ID: 528665-004
Collected: 03/12/25 11:01
Matrix: Water

528665-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.89		mg/L	0.20	0.034	1	366561	03/20/25 19:30	03/21/25 05:17	JAA
Chloride	59		mg/L	1.0	0.27	1	365866	03/13/25 18:00	03/14/25 03:03	AJL
Bromide	0.15	J	mg/L	0.30	0.060	1	365866	03/13/25 18:00	03/14/25 03:03	AJL
Nitrogen, Nitrate	0.18		mg/L	0.10	0.05	1	365866	03/13/25 18:00	03/14/25 03:03	AJL
Sulfate	320		mg/L	10	1.8	10	365866	03/13/25 18:00	03/14/25 04:10	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	367523	03/31/25	03/31/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	1	367399	03/28/25	03/28/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.19		mg/L	0.050	0.0055	1	365892	03/13/25	03/14/25	CAP
Calcium	37		mg/L	0.57	0.57	1	365892	03/13/25	03/14/25	CAP
Iron	0.10		mg/L	0.046	0.046	1	365892	03/13/25	03/14/25	CAP
Magnesium	5.9		mg/L	0.10	0.025	1	365892	03/13/25	03/14/25	CAP
Manganese	0.040		mg/L	0.010	0.0029	1	365892	03/13/25	03/14/25	CAP
Potassium	1.5		mg/L	0.50	0.40	1	365892	03/13/25	03/14/25	CAP
Sodium	200		mg/L	0.50	0.35	1	365892	03/13/25	03/14/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	366085	03/16/25	03/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Acetone	ND		ug/L	100	44	1	366085	03/16/25	03/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	366085	03/16/25	03/16/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	366085	03/16/25	03/16/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	366085	03/16/25	03/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST

Analysis Results for 528665

528665-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	366085	03/16/25	03/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Tetrachloroethene	0.5	J	ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	366085	03/16/25	03/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	366085	03/16/25	03/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	366085	03/16/25	03/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	366085	03/16/25	03/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	366085	03/16/25	03/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	366085	03/16/25	03/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	366085	03/16/25	03/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	366085	03/16/25	03/16/25	ZST
Surrogates			Limits							
Dibromofluoromethane	109%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
1,2-Dichloroethane-d4	101%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
Toluene-d8	92%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
Bromofluorobenzene	95%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 528665

528665-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	365879	03/13/25	03/15/25	ZFA
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	365879	03/13/25	03/15/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	366053	03/15/25	03/15/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.2		mg/L	1.0	0.68	1	366284	03/18/25	03/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	200		mg/L	10		5	366665	03/21/25	03/21/25	WWC
Alkalinity, Total as CaCO3	200		mg/L	10		5	366665	03/21/25	03/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	810		mg/L	20		2	366172	03/17/25	03/18/25	RDL

Analysis Results for 528665

Sample ID: DW-15
Lab ID: 528665-005
Collected: 03/12/25 11:54
Matrix: Water

528665-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.10	J	mg/L	0.20	0.034	1	366561	03/20/25 19:30	03/21/25 05:37	JAA
Chloride	75		mg/L	1.0	0.27	1	365866	03/13/25 18:00	03/14/25 08:40	AJL
Bromide	0.15	J	mg/L	0.30	0.060	1	365866	03/13/25 18:00	03/14/25 08:40	AJL
Nitrogen, Nitrate	ND		mg/L	2.0	0.99	20	365866	03/13/25 18:00	03/14/25 09:03	AJL
Sulfate	1,500		mg/L	20	3.7	20	365866	03/13/25 18:00	03/14/25 09:03	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.15		mg/L	0.10	0.050	1	367523	03/31/25	03/31/25	DAD
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	3.0	J	mg/L	4.0	2.0	1	367399	03/28/25	03/28/25	TDD
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.21		mg/L	0.050	0.0055	1	365892	03/13/25	03/14/25	CAP
Calcium	230		mg/L	0.57	0.57	1	365892	03/13/25	03/14/25	CAP
Iron	0.89		mg/L	0.046	0.046	1	365892	03/13/25	03/14/25	CAP
Magnesium	33		mg/L	0.10	0.025	1	365892	03/13/25	03/14/25	CAP
Manganese	0.58		mg/L	0.010	0.0029	1	365892	03/13/25	03/14/25	CAP
Potassium	2.4		mg/L	0.50	0.40	1	365892	03/13/25	03/14/25	CAP
Sodium	400		mg/L	0.50	0.35	1	365892	03/13/25	03/14/25	CAP
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	366085	03/16/25	03/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Acetone	ND		ug/L	100	44	1	366085	03/16/25	03/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	366085	03/16/25	03/16/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	366085	03/16/25	03/16/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	366085	03/16/25	03/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST

Analysis Results for 528665

528665-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	366085	03/16/25	03/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	366085	03/16/25	03/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	366085	03/16/25	03/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	366085	03/16/25	03/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,4-Dichlorobenzene	0.3	J	ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	366085	03/16/25	03/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	366085	03/16/25	03/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	366085	03/16/25	03/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	366085	03/16/25	03/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	366085	03/16/25	03/16/25	ZST
Surrogates			Limits							
Dibromofluoromethane	106%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
1,2-Dichloroethane-d4	103%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
Toluene-d8	95%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 528665

528665-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	365879	03/13/25	03/15/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	365879	03/13/25	03/15/25	ZFA
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	366053	03/15/25	03/15/25	DXA
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	366284	03/18/25	03/18/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	230		mg/L	10		5	366665	03/21/25	03/21/25	WWC
Alkalinity, Total as CaCO3	230		mg/L	10		5	366665	03/21/25	03/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	2,500		mg/L	20		2	366172	03/17/25	03/18/25	RDL

Analysis Results for 528665

Sample ID: QCFB
Lab ID: 528665-006
Collected: 03/12/25 09:16
Matrix: Water

528665-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 8260B										
Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	366085	03/16/25	03/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Acetone	ND		ug/L	100	44	1	366085	03/16/25	03/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	366085	03/16/25	03/16/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	366085	03/16/25	03/16/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	366085	03/16/25	03/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Chloroform	0.6	J	ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	366085	03/16/25	03/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	366085	03/16/25	03/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	366085	03/16/25	03/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST

Analysis Results for 528665

528665-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	366085	03/16/25	03/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	366085	03/16/25	03/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	366085	03/16/25	03/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	366085	03/16/25	03/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	366085	03/16/25	03/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	366085	03/16/25	03/16/25	ZST
Surrogates	Limits									
Dibromofluoromethane	109%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
1,2-Dichloroethane-d4	103%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
Toluene-d8	94%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST

Analysis Results for 528665

Sample ID: QCTB
Lab ID: 528665-007
Collected: 03/12/25
Matrix: Water

528665-007 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	0.3	1	366085	03/16/25	03/16/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	366085	03/16/25	03/16/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Acetone	ND		ug/L	100	44	1	366085	03/16/25	03/16/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	366085	03/16/25	03/16/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	366085	03/16/25	03/16/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	366085	03/16/25	03/16/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Chloroform	0.5	J	ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	366085	03/16/25	03/16/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	366085	03/16/25	03/16/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	366085	03/16/25	03/16/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST

Analysis Results for 528665

528665-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	366085	03/16/25	03/16/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	366085	03/16/25	03/16/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	366085	03/16/25	03/16/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	366085	03/16/25	03/16/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	366085	03/16/25	03/16/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	366085	03/16/25	03/16/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	366085	03/16/25	03/16/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	366085	03/16/25	03/16/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	366085	03/16/25	03/16/25	ZST
Xylene (total)	ND		ug/L	5.0		1	366085	03/16/25	03/16/25	ZST
Surrogates	Limits									
Dibromofluoromethane	108%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
1,2-Dichloroethane-d4	100%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
Toluene-d8	94%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST
Bromofluorobenzene	95%		%REC	70-130		1	366085	03/16/25	03/16/25	ZST

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1241068	Batch: 366561
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1241068 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.034	03/20/25 19:30	03/20/25 19:43

Type: Lab Control Sample	Lab ID: QC1241069	Batch: 366561
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1241069 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.515	10.00	mg/L	95%		90-110

Type: Matrix Spike	Lab ID: QC1241183	Batch: 366561
Matrix (Source ID): Water (529129-001)	Method: EPA 300.0	Prep Method: METHOD

QC1241183 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.67	0.2027	20.00	mg/L	107%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1241184	Batch: 366561
Matrix (Source ID): Water (529129-001)	Method: EPA 300.0	Prep Method: METHOD

QC1241184 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	20.30	0.2027	20.00	mg/L	100%		80-120	7	20	1

Type: Matrix Spike	Lab ID: QC1241185	Batch: 366561
Matrix (Source ID): Water (529251-001)	Method: EPA 300.0	Prep Method: METHOD

QC1241185 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	22.42	0.1836	20.00	mg/L	111%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1241186	Batch: 366561
Matrix (Source ID): Water (529251-001)	Method: EPA 300.0	Prep Method: METHOD

QC1241186 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	24.02	0.1836	20.00	mg/L	119%		80-120	7	20	1

Batch QC

Type: Blank	Lab ID: QC1238800	Batch: 365866
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1238800 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chloride	ND		mg/L	1.0	0.27	03/13/25 18:00	03/13/25 18:18
Bromide	ND		mg/L	0.30	0.060	03/13/25 18:00	03/13/25 18:18
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	03/13/25 18:00	03/13/25 18:18
Sulfate	ND		mg/L	1.0	0.18	03/13/25 18:00	03/13/25 18:18

Type: Lab Control Sample	Lab ID: QC1238801	Batch: 365866
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1238801 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chloride	48.17	50.00	mg/L	96%		90-110
Bromide	15.06	15.00	mg/L	100%		90-110
Nitrogen, Nitrate	4.530	4.518	mg/L	100%		90-110
Sulfate	24.95	25.00	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1238802	Batch: 365866
Matrix (Source ID): Drinking Water (528539-001)	Method: EPA 300.0	Prep Method: METHOD

QC1238802 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chloride	165.6	65.12	100.0	mg/L	100%		80-120	1
Bromide	15.08	0.2856	15.00	mg/L	99%		80-120	1
Nitrogen, Nitrate	9.286	ND	9.036	mg/L	103%		80-120	1
Sulfate	63.54	13.96	50.00	mg/L	99%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1238803	Batch: 365866
Matrix (Source ID): Drinking Water (528539-001)	Method: EPA 300.0	Prep Method: METHOD

QC1238803 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chloride	165.3	65.12	100.0	mg/L	100%		80-120	0	20	1
Bromide	15.02	0.2856	15.00	mg/L	98%		80-120	0	20	1
Nitrogen, Nitrate	9.263	ND	9.036	mg/L	103%		80-120	0	20	1
Sulfate	63.52	13.96	50.00	mg/L	99%		80-120	0	20	1

Type: Matrix Spike	Lab ID: QC1238806	Batch: 365866
Matrix (Source ID): Drinking Water (528763-001)	Method: EPA 300.0	Prep Method: METHOD

QC1238806 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chloride	125.8	21.34	100.0	mg/L	104%		80-120	1
Bromide	15.16	0.1005	15.00	mg/L	100%		80-120	1
Nitrogen, Nitrate	18.43	9.561	9.036	mg/L	98%	E	80-120	1
Sulfate	123.9	76.61	50.00	mg/L	95%	E	80-120	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1238807	Batch: 365866
Matrix (Source ID): Drinking Water (528763-001)	Method: EPA 300.0	Prep Method: METHOD

QC1238807 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Chloride	126.7	21.34	100.0	mg/L	105%		80-120	1	20	1
Bromide	15.31	0.1005	15.00	mg/L	101%		80-120	1	20	1
Nitrogen, Nitrate	18.52	9.561	9.036	mg/L	99%	E	80-120		20	1
Sulfate	124.3	76.61	50.00	mg/L	95%	E	80-120		20	1

Type: Matrix Spike	Lab ID: QC1244329	Batch: 367523
Matrix (Source ID): Water (528665-003)	Method: EPA 350.1	Prep Method: METHOD

QC1244329 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.046	ND	1.000	mg/L	105%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1244330	Batch: 367523
Matrix (Source ID): Water (528665-003)	Method: EPA 350.1	Prep Method: METHOD

QC1244330 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.066	ND	1.000	mg/L	107%		90-110	2	20	1

Type: Matrix Spike	Lab ID: QC1244331	Batch: 367523
Matrix (Source ID): Water (528782-001)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1244331 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.206	0.09420	1.000	mg/L	111%	*	90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1244332	Batch: 367523
Matrix (Source ID): Water (528782-001)	Method: EPA 350.1	Prep Method: SM 4500-NH3-G SD

QC1244332 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.174	0.09420	1.000	mg/L	108%		90-110	3	20	1

Type: Blank	Lab ID: QC1244333	Batch: 367523
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1244333 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	03/31/25	03/31/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1244334	Batch: 367523
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1244334 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	1.029	1.000	mg/L	103%		90-110

Type: Blank	Lab ID: QC1243886	Batch: 367399
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1243886 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	2.0	03/28/25	03/28/25

Type: Lab Control Sample	Lab ID: QC1243887	Batch: 367399
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1243887 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	91.00	100.0	mg/L	91%		90-110

Type: Matrix Spike	Lab ID: QC1243888	Batch: 367399
Matrix (Source ID): Water (528665-005)	Method: EPA 410.4	Prep Method: METHOD

QC1243888 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	98.00	3.000	100.0	mg/L	95%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1243889	Batch: 367399
Matrix (Source ID): Water (528665-005)	Method: EPA 410.4	Prep Method: METHOD

QC1243889 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	100.0	3.000	100.0	mg/L	97%		75-125	2	20	2

Type: Blank	Lab ID: QC1238889	Batch: 365892
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1238889 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	03/13/25	03/14/25
Calcium	ND		mg/L	0.57	0.57	03/13/25	03/14/25
Iron	ND		mg/L	0.046	0.046	03/13/25	03/14/25
Magnesium	ND		mg/L	0.10	0.025	03/13/25	03/14/25
Manganese	ND		mg/L	0.010	0.0029	03/13/25	03/14/25
Potassium	ND		mg/L	0.50	0.40	03/13/25	03/14/25
Sodium	ND		mg/L	0.50	0.34	03/13/25	03/14/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1238890	Batch: 365892
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1238890 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3446	0.4000	mg/L	86%		80-120
Calcium	18.57	20.40	mg/L	91%		80-120
Iron	0.3491	0.4000	mg/L	87%		80-120
Magnesium	19.12	20.40	mg/L	94%		80-120
Manganese	0.3361	0.4000	mg/L	84%		80-120
Potassium	20.51	24.00	mg/L	85%		80-120
Sodium	17.94	20.40	mg/L	88%		80-120

Type: Matrix Spike	Lab ID: QC1238891	Batch: 365892
Matrix (Source ID): Water (528569-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1238891 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.4188	0.08236	0.4000	mg/L	84%		75-125	1
Calcium	96.21	78.79	20.40	mg/L	85%		75-125	1
Iron	0.8006	0.4369	0.4000	mg/L	91%		75-125	1
Magnesium	49.50	31.08	20.40	mg/L	90%		75-125	1
Manganese	0.3715	0.02587	0.4000	mg/L	86%		75-125	1
Potassium	22.82	1.667	24.00	mg/L	88%		75-125	1
Sodium	50.61	32.71	20.40	mg/L	88%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1238892	Batch: 365892
Matrix (Source ID): Water (528569-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1238892 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.4188	0.08236	0.4000	mg/L	84%		75-125	0	20	1
Calcium	95.26	78.79	20.40	mg/L	81%		75-125	1	20	1
Iron	0.7914	0.4369	0.4000	mg/L	89%		75-125	1	20	1
Magnesium	48.92	31.08	20.40	mg/L	87%		75-125	1	20	1
Manganese	0.3701	0.02587	0.4000	mg/L	86%		75-125	0	20	1
Potassium	22.51	1.667	24.00	mg/L	87%		75-125	1	20	1
Sodium	50.03	32.71	20.40	mg/L	85%		75-125	1	20	1

Batch QC

Type: Serial Dilution	Lab ID: QC1238906	Batch: 365892
Matrix (Source ID): Water (528569-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1238906 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.08795	0.08236	mg/L	J			5
Calcium	82.18	78.79	mg/L				5
Iron	0.4686	0.4369	mg/L				5
Magnesium	32.51	31.08	mg/L				5
Manganese	0.02637	0.02587	mg/L	J			5
Potassium	ND	1.667	mg/L				5
Sodium	36.41	32.71	mg/L				5

Batch QC

Type: Blank	Lab ID: QC1239512	Batch: 366085
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1239512 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.3	03/16/25	03/16/25
Freon 12	ND		ug/L	5.0	0.3	03/16/25	03/16/25
Chloromethane	ND		ug/L	5.0	0.4	03/16/25	03/16/25
Vinyl Chloride	ND		ug/L	5.0	0.2	03/16/25	03/16/25
Bromomethane	ND		ug/L	5.0	0.2	03/16/25	03/16/25
Chloroethane	ND		ug/L	5.0	0.3	03/16/25	03/16/25
Trichlorofluoromethane	ND		ug/L	5.0	0.2	03/16/25	03/16/25
Acetone	ND		ug/L	100	44	03/16/25	03/16/25
Freon 113	ND		ug/L	5.0	0.1	03/16/25	03/16/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	03/16/25	03/16/25
Methylene Chloride	ND		ug/L	5.0	3.5	03/16/25	03/16/25
MTBE	ND		ug/L	5.0	0.1	03/16/25	03/16/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	03/16/25	03/16/25
1,1-Dichloroethane	ND		ug/L	5.0	0.08	03/16/25	03/16/25
2-Butanone	ND		ug/L	100	2.3	03/16/25	03/16/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	03/16/25	03/16/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	03/16/25	03/16/25
Chloroform	ND		ug/L	5.0	0.1	03/16/25	03/16/25
Bromochloromethane	ND		ug/L	5.0	0.2	03/16/25	03/16/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	03/16/25	03/16/25
1,1-Dichloropropene	ND		ug/L	5.0	0.2	03/16/25	03/16/25
Carbon Tetrachloride	ND		ug/L	5.0	0.2	03/16/25	03/16/25
1,2-Dichloroethane	ND		ug/L	5.0	0.1	03/16/25	03/16/25
Benzene	ND		ug/L	5.0	0.1	03/16/25	03/16/25
Trichloroethene	ND		ug/L	5.0	0.1	03/16/25	03/16/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	03/16/25	03/16/25
Bromodichloromethane	ND		ug/L	5.0	0.1	03/16/25	03/16/25
Dibromomethane	ND		ug/L	5.0	0.2	03/16/25	03/16/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	03/16/25	03/16/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	03/16/25	03/16/25
Toluene	ND		ug/L	5.0	0.3	03/16/25	03/16/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	03/16/25	03/16/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	03/16/25	03/16/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	03/16/25	03/16/25
Tetrachloroethene	ND		ug/L	5.0	0.2	03/16/25	03/16/25
Dibromochloromethane	ND		ug/L	5.0	0.1	03/16/25	03/16/25
1,2-Dibromoethane	ND		ug/L	5.0	0.1	03/16/25	03/16/25
Chlorobenzene	ND		ug/L	5.0	0.1	03/16/25	03/16/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	03/16/25	03/16/25
Ethylbenzene	ND		ug/L	5.0	0.07	03/16/25	03/16/25
m,p-Xylenes	ND		ug/L	10	0.1	03/16/25	03/16/25
o-Xylene	ND		ug/L	5.0	0.09	03/16/25	03/16/25
Styrene	ND		ug/L	5.0	0.2	03/16/25	03/16/25
Bromoform	ND		ug/L	5.0	0.2	03/16/25	03/16/25
Isopropylbenzene	ND		ug/L	5.0	0.09	03/16/25	03/16/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	03/16/25	03/16/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	03/16/25	03/16/25

Batch QC

QC1239512 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.09	03/16/25	03/16/25
Bromobenzene	ND		ug/L	5.0	0.1	03/16/25	03/16/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	03/16/25	03/16/25
2-Chlorotoluene	ND		ug/L	5.0	0.08	03/16/25	03/16/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	03/16/25	03/16/25
tert-Butylbenzene	ND		ug/L	5.0	0.09	03/16/25	03/16/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	03/16/25	03/16/25
sec-Butylbenzene	ND		ug/L	5.0	0.09	03/16/25	03/16/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	03/16/25	03/16/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	03/16/25	03/16/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	03/16/25	03/16/25
n-Butylbenzene	ND		ug/L	5.0	0.1	03/16/25	03/16/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	03/16/25	03/16/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	03/16/25	03/16/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	03/16/25	03/16/25
Hexachlorobutadiene	ND		ug/L	5.0	0.09	03/16/25	03/16/25
Naphthalene	ND		ug/L	5.0	0.5	03/16/25	03/16/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	03/16/25	03/16/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	03/16/25	03/16/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	03/16/25	03/16/25
Xylene (total)	ND		ug/L	5.0		03/16/25	03/16/25
Surrogates	Limits						
Dibromofluoromethane	108%		%REC	70-130		03/16/25	03/16/25
1,2-Dichloroethane-d4	102%		%REC	70-130		03/16/25	03/16/25
Toluene-d8	94%		%REC	70-130		03/16/25	03/16/25
Bromofluorobenzene	100%		%REC	70-130		03/16/25	03/16/25

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1239513
Method: EPA 8260B

Batch: 366085
Prep Method: EPA 5030B

QC1239513 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	51.67	50.00	ug/L	103%		70-135
MTBE	46.64	50.00	ug/L	93%		70-130
Benzene	46.13	50.00	ug/L	92%		70-130
Trichloroethene	47.44	50.00	ug/L	95%		70-130
Toluene	45.89	50.00	ug/L	92%		70-130
Chlorobenzene	47.83	50.00	ug/L	96%		70-130
Surrogates						
Dibromofluoromethane	52.99	50.00	ug/L	106%		70-130
1,2-Dichloroethane-d4	49.58	50.00	ug/L	99%		70-130
Toluene-d8	47.33	50.00	ug/L	95%		70-130
Bromofluorobenzene	46.86	50.00	ug/L	94%		70-130

Batch QC

Type: Lab Control Sample Duplicate	Lab ID: QC1239514	Batch: 366085
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1239514 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,1-Dichloroethene	52.96	50.00	ug/L	106%		70-135	2	30
MTBE	47.26	50.00	ug/L	95%		70-130	1	30
Benzene	46.91	50.00	ug/L	94%		70-130	2	30
Trichloroethene	47.96	50.00	ug/L	96%		70-130	1	30
Toluene	46.26	50.00	ug/L	93%		70-130	1	30
Chlorobenzene	47.90	50.00	ug/L	96%		70-130	0	30
Surrogates								
Dibromofluoromethane	52.61	50.00	ug/L	105%		70-130		
1,2-Dichloroethane-d4	48.45	50.00	ug/L	97%		70-130		
Toluene-d8	48.15	50.00	ug/L	96%		70-130		
Bromofluorobenzene	48.83	50.00	ug/L	98%		70-130		

Type: Matrix Spike	Lab ID: QC1239535	Batch: 366085
Matrix (Source ID): Water (528740-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1239535 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	21.88	ND	20.00	ug/L	109%		70-130	1
MTBE	18.94	ND	20.00	ug/L	95%		75-130	1
Benzene	20.11	ND	20.00	ug/L	101%		70-130	1
Trichloroethene	21.17	ND	20.00	ug/L	106%		63-130	1
Toluene	20.04	ND	20.00	ug/L	100%		70-130	1
Chlorobenzene	20.79	ND	20.00	ug/L	104%		70-130	1
Surrogates								
Dibromofluoromethane	51.62		50.00	ug/L	103%		70-130	1
1,2-Dichloroethane-d4	49.79		50.00	ug/L	100%		70-130	1
Toluene-d8	47.38		50.00	ug/L	95%		70-130	1
Bromofluorobenzene	48.92		50.00	ug/L	98%		70-130	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1239536	Batch: 366085
Matrix (Source ID): Water (528740-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1239536 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	19.46	ND	20.00	ug/L	97%		70-130	12	30	1
MTBE	17.86	ND	20.00	ug/L	89%		75-130	6	30	1
Benzene	18.12	ND	20.00	ug/L	91%		70-130	10	30	1
Trichloroethene	19.20	ND	20.00	ug/L	96%		63-130	10	30	1
Toluene	17.92	ND	20.00	ug/L	90%		70-130	11	30	1
Chlorobenzene	18.76	ND	20.00	ug/L	94%		70-130	10	30	1
Surrogates										
Dibromofluoromethane	53.00		50.00	ug/L	106%		70-130			1
1,2-Dichloroethane-d4	48.92		50.00	ug/L	98%		70-130			1
Toluene-d8	47.40		50.00	ug/L	95%		70-130			1
Bromofluorobenzene	47.64		50.00	ug/L	95%		70-130			1

Type: Blank	Lab ID: QC1238839	Batch: 365879
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1238839 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	03/13/25	03/15/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		03/13/25	03/15/25

Type: Lab Control Sample	Lab ID: QC1238840	Batch: 365879
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1238840 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	8.392	10.00	ug/L	84%		80-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.07	10.00	ug/L	101%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1238841	Batch: 365879
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1238841 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	8.665	10.00	ug/L	87%		80-120	3	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.06	10.00	ug/L	101%		80-120		

Type: Blank	Lab ID: QC1239387	Batch: 366053
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1239387 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		03/15/25	03/15/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1239388	Batch: 366053
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1239388 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	1.000	1.000	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1239389	Batch: 366053
Matrix (Source ID): Water (528520-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1239389 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	1.000	ND	1.000	mg/L	100%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1239390	Batch: 366053
Matrix (Source ID): Water (528520-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1239390 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Sulfide	1.000	ND	1.000	mg/L	100%		80-120	0	20	1

Type: Blank	Lab ID: QC1240190	Batch: 366284
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1240190 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	03/18/25	03/18/25

Type: Lab Control Sample	Lab ID: QC1240191	Batch: 366284
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1240191 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	23.19	25.00	mg/L	93%		85-115

Type: Matrix Spike	Lab ID: QC1240192	Batch: 366284
Matrix (Source ID): Water (528665-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1240192 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	32.73	5.863	25.00	mg/L	107%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1240193	Batch: 366284
Matrix (Source ID): Water (528665-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1240193 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Total Organic Carbon	36.47	5.863	25.00	mg/L	122%		75-125	11	25	1

Batch QC

Type: Blank	Lab ID: QC1241445	Batch: 366665
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1241445 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		03/21/25	03/21/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		03/21/25	03/21/25

Type: Lab Control Sample	Lab ID: QC1241446	Batch: 366665
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1241446 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	1,031	1000	mg/L	103%		90-110

Type: Sample Duplicate	Lab ID: QC1241447	Batch: 366665
Matrix (Source ID): Water (528700-002)	Method: SM2320B	Prep Method: METHOD

QC1241447 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	190.2	192.8	mg/L		1	20	2.5
Alkalinity, Total as CaCO ₃	190.2	192.8	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1239810	Batch: 366172
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1239810 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	5.0		03/17/25	03/18/25

Type: Lab Control Sample	Lab ID: QC1239811	Batch: 366172
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1239811 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	927.5	1000	mg/L	93%		90-110

Type: Sample Duplicate	Lab ID: QC1239812	Batch: 366172
Matrix (Source ID): Water (528648-001)	Method: SM2540C	Prep Method: METHOD

QC1239812 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	2,106	2134	mg/L		1	5	2

Type: Sample Duplicate	Lab ID: QC1239813	Batch: 366172
Matrix (Source ID): Water (528665-001)	Method: SM2540C	Prep Method: METHOD

QC1239813 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	1,000	1002	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

Laboratory Job Number 528665

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2503B20

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-528665

Project Location:

Project Received: 03/17/2025

Analytical Report reviewed & approved for release on 03/20/2025 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: 2503B20

Project: EO-528665

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: 2503B20

Project: EO-528665

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: 03/17/2025 11:38
Date Prepared: 03/17/2025
Project: EO-528665

WorkOrder: 2503B20
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-29	2503B20-001A	Water	03/12/2025 08:18	GC26 0317250106.D	313655

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	11,000	500	500	10	03/17/2025 14:54

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-31	2503B20-002A	Water	03/12/2025 09:14	GC26 0317250109.D	313655

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	52,000	2000	2000	40	03/17/2025 15:36

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-1	2503B20-003A	Water	03/12/2025 10:08	GC26 0317250112.D	313655

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	3000	100	100	2	03/17/2025 16:12

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 03/17/2025 11:38
Date Prepared: 03/17/2025
Project: EO-528665

WorkOrder: 2503B20
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-30	2503B20-004A	Water	03/12/2025 11:01	GC26 0317250115.D	313655

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	3200	120	120	2.5	03/17/2025 16:49

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-15	2503B20-005A	Water	03/12/2025 11:54	GC26 0317250118.D	313655

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	19,000	1000	1000	20	03/17/2025 17:28

Analyst(s): CLO



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

Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 03/17/2025
Date Analyzed: 03/17/2025
Instrument: GC26
Matrix: Water
Project: EO-528665

WorkOrder: 2503B20
BatchID: 313655
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-313655

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	76	75	70-130	1.95	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: 2503B20

ClientCode: ENO

QuoteID: 252619

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

Report to:

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

Email: zach.barker@enthalpy.com
cc/3rd Party:
PO: 079649
Project: EO-528665

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: 03/17/2025

Date Logged: 03/17/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2503B20-001	DW-29	Water	3/12/2025 08:18	☐	A	A										
2503B20-002	DW-31	Water	3/12/2025 09:14	☐	A	A										
2503B20-003	DW-1	Water	3/12/2025 10:08	☐	A	A										
2503B20-004	DW-30	Water	3/12/2025 11:01	☐	A	A										
2503B20-005	DW-15	Water	3/12/2025 11:54	☐	A	A										

Test Legend:

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

Prepared by: Gemma Gomez

Comments:

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



WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Client Contact: Zach Barker

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

Project: EO-528665

Comments:

Work Order: 2503B20

QC Level: LEVEL 2

Date Logged: 3/17/2025

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

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-29	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	3/12/2025 8:18	5 days	3/24/2025	None	☐	☐
002A	DW-31	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	3/12/2025 9:14	5 days	3/24/2025	None	☐	☐
003A	DW-1	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	3/12/2025 10:08	5 days	3/24/2025	None	☐	☐
004A	DW-30	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	3/12/2025 11:01	5 days	3/24/2025	None	☐	☐
005A	DW-15	Water	RSK175 (CO2)	2	VOA, Unpres	☐	☐	☐	3/12/2025 11:54	5 days	3/24/2025	None	☐	☐

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

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

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

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

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

2503820



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

Subcontract Laboratory:

McCampbell Analytical, Inc.
1534 Willow Pass Rd.
Pittsburg, CA 94565
ATTN: Quote ID: 243367
PO #: PO-079649

Enthalpy Order: EO-528665

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-29	12-MAR-2025 08:18	528665-001	2	Water	RSK-175 CO2	
DW-31	12-MAR-2025 09:14	528665-002	2	Water	RSK-175 CO2	
DW-1	12-MAR-2025 10:08	528665-003	2	Water	RSK-175 CO2	
DW-30	12-MAR-2025 11:01	528665-004	2	Water	RSK-175 CO2	
DW-15	12-MAR-2025 11:54	528665-005	2	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>D. Dominguez EA-ORA</i>	<i>gff</i>
	Date: <i>3/13/25 1650</i>	Date: <i>3/17/25 11:38</i>
	Date:	Date:
	Date:	Date:



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-528665

Date and Time Received: 3/17/2025 11:38

Date Logged: 3/17/2025

Received by: Gemma Gomez

Logged by: Gemma Gomez

WorkOrder No: 2503B20 Matrix: Water
Carrier: Golden State Overnight

Chain of Custody (COC) Information

Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Sample IDs noted by Client on COC?	Yes ☒	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☒	No ☐	
Sampler's name noted on COC?	Yes ☒	No ☐	
COC agrees with Quote?	Yes ☒	No ☐	NA ☐

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: 10.3°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: