



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

enthalpy.com

Lab Job Number : 524157
Report Level : II
Report Date : 01/31/2025

Analytical Report *prepared for:*

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

Project: GW MONITORING - Chiquita Canyon Landfill

Authorized for release by:

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

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

CA ELAP# 1338, 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 #: 524157
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 01/16/25

Sample ID	Lab ID	Collected	Matrix
DW-29	524157-001	01/16/25 09:18	Water
DW-31	524157-002	01/16/25 10:13	Water
DW-1	524157-003	01/16/25 11:06	Water
DW-16	524157-004	01/16/25 12:00	Water
DW-3	524157-005	01/16/25 12:56	Water
QCFB	524157-006	01/16/25 09:20	Water
QCTB	524157-007	01/16/25 00:00	Water

Case Narrative

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

Lab Job Number: 524157
Project No: GW MONITORING
Location: Chiquita Canyon
Landfill
Date Received: 01/16/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 01/17/25. The samples were received cold and intact.

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

No analytical problems were encountered.

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

No analytical problems were encountered.

Total Organic Carbon by IR (SM 5310B):

No analytical problems were encountered.

Metals (EPA 6010B):

No analytical problems were encountered.

Ion Chromatography (EPA 300.0):

- Responses exceeding the instrument's linear range were observed for sulfate in the MSs/MSDs for batch 360626; 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):

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

ENTHALPY ANALYTICAL				Chain of Custody Record		Turn Around Time (rush by advanced notice only)							
				Lab No: 524157	Page: 1 of 1	Standard:	X	5 Day:	3 Day:				
						2 Day:	1 Day:	Custom TAT:					
Enthalpy Analytical 931 W Barkely Ave, Orange, CA 92868 (714) 771-6900				Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Water SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other		Preservatives: 1 = Na ₂ S ₂ O ₃ 2 = HCl 3 = HNO ₃ 4 = H ₂ SO ₄ 5 = NaOH 6 = Other		Sample Receipt Temp: (lab use only)					
CUSTOMER INFORMATION				PROJECT INFORMATION				Analysis Request		Test Instructions / Comments			
Company:	Chiquita Canyon Landfill	Name:	Steve Cassulo					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.	1,4-Dioxane	Alkalinity, total	Bicarbonate as CaCO ₃	Ammonia-N, Nitrate-N	CO ₂ , Cl, SO ₄ , TDS, TOC	B, Ca, Fe, K, Mg, Mn, Na	Bromide, Fluoride, Sulfide	Carbon dioxide
1 DW-29	11/16/25	918	W	13	var.	X	X	X	X	X	X	X	X
2 DW-31		1013				X	X	X	X	X	X	X	X
3 DW-1		1106				X	X	X	X	X	X	X	X
4 DW-16		1200				X	X	X	X	X	X	X	X
5 DW-3		1256				X	X	X	X	X	X	X	X
6 QCFB		920		3		X							
7 QCTB				2		X							
8													
9													
10													
				Signature		Print Name		Company / Title		Date / Time			
Relinquished By:				<i>[Signature]</i>		Paul Chang		CET		1-16-25 1415			
Received By:				<i>[Signature]</i>		Jim Lin		SA-NH		1-16-25 1415			
Relinquished By:				<i>[Signature]</i>		Jim Lin		SA-NH		1-17-25 0830			
Received By:				<i>[Signature]</i>		Hrag B.		EA-NH		1-17-25 0830			
Relinquished By:				<i>[Signature]</i>		Hrag B.		EA-NH		1-17-25 1248			
Received By:				<i>[Signature]</i>		D. Sauder		EA		1-17-25 1420			

[Signature] D. Sauder EA 1/17/25 1525 *[Signature]* April Garcia-Malkins 1/17/25 1525

ENTHALPY

Date Received: 1.16.25 WO# _____ Client: Chiquita Canyon L.F.

Are custody seals present? ☐ Yes ☒ No

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

Shipping Info: Client Drop Off at LA Service Center

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

Date Opened 1.16.25 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: ~~14.3~~ / ~~14.1~~ #2: 13.6 / 13.4 #3: 12.8 / 12.6 #4: / #5: / #6: /

☒ No microbiology samples submitted (skip 3b)

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

☐ Adequate headspace for microbiology analysis.

☒ No air samples submitted (skip 3c)

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

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

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

☐ PM notified

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

SAMPLE RECEIPT CHECKLIST				 ENTHALPY
Section 1: General Info <i>GC</i> Date Received: <u>1/16/25</u> WO# <u>524157</u> Client: <u>Waste Connections</u>				
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: <u>Wash in NH</u>				
Section 3a: Condition / Packaging ☐ Outside 0.0 - 6.0°C (0.0 - 10.0°C for microbiology) (PM notified) Date Opened <u>1/17/25</u> By (initials) <u>DKS</u> 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: <u>IR12</u> CF: <u>+0.2</u> Cooler Temp (°C) #1: <u>1.9</u> / <u>2.1</u> #2: <u>0.9</u> / <u>1.1</u> #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 <u>1/16/25</u> By (print) <u>G Kim</u> (sign) <u>Gay</u> Date Labeled <u>1/17/25</u> By (print) <u>Danny</u> (sign) _____				

Analysis Results for 524157

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

Lab Job #: 524157
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 01/16/25

Sample ID: DW-29

Lab ID: 524157-001

Collected: 01/16/25 09:18

Matrix: Water

524157-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.44		mg/L	0.20	0.040	1	360626	01/17/25 15:30	01/17/25 21:02	AJL
Chloride	83		mg/L	1.0	0.20	1	360626	01/17/25 15:30	01/17/25 21:02	AJL
Bromide	0.33		mg/L	0.30	0.065	1	360626	01/17/25 15:30	01/17/25 21:02	AJL
Nitrogen, Nitrate	2.8		mg/L	0.10	0.06	1	360626	01/17/25 15:30	01/17/25 21:02	AJL
Sulfate	300		mg/L	10	3.4	10	360626	01/17/25 15:30	01/17/25 21:22	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	8.0		mg/L	4.0	1.6	1	361364	01/27/25	01/27/25	EPL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.30		mg/L	0.050	0.0062	1	360716	01/19/25	01/20/25	SBW
Calcium	53		mg/L	0.57	0.57	1	360716	01/19/25	01/20/25	SBW
Iron	ND		mg/L	0.041	0.041	1	360716	01/19/25	01/20/25	SBW
Magnesium	7.4		mg/L	0.10	0.025	1	360716	01/19/25	01/20/25	SBW
Manganese	0.095		mg/L	0.010	0.0029	1	360716	01/19/25	01/20/25	SBW
Potassium	1.2		mg/L	0.50	0.42	1	360716	01/19/25	01/20/25	SBW
Sodium	210		mg/L	0.50	0.34	1	360716	01/19/25	01/20/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	360741	01/20/25	01/20/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Acetone	ND		ug/L	100	44	1	360741	01/20/25	01/20/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	360741	01/20/25	01/20/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	360741	01/20/25	01/20/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	360741	01/20/25	01/20/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST

Analysis Results for 524157

524157-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	360741	01/20/25	01/20/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	360741	01/20/25	01/20/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	360741	01/20/25	01/20/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	360741	01/20/25	01/20/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	360741	01/20/25	01/20/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	360741	01/20/25	01/20/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	360741	01/20/25	01/20/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	360741	01/20/25	01/20/25	ZST
Xylene (total)	ND		ug/L	5.0		1	360741	01/20/25	01/20/25	ZST
Surrogates				Limits						
Dibromofluoromethane	110%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST

Analysis Results for 524157

524157-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	114%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
Toluene-d8	99%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
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)	101%		%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	360677	01/18/25	01/18/25	EPL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	8.7		mg/L	1.0	0.24	1	360669	01/18/25	01/18/25	EPL
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	250		mg/L	5.0		2.5	360907	01/21/25	01/21/25	WWC
Alkalinity, Total as CaCO3	250		mg/L	5.0		2.5	360907	01/21/25	01/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	810		mg/L	20		2	361014	01/22/25	01/24/25	DXA

Analysis Results for 524157

Sample ID: DW-31

Lab ID: 524157-002

Collected: 01/16/25 10:13

Matrix: Water

524157-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.18	J	mg/L	0.20	0.040	1	360626	01/17/25 15:30	01/17/25 21:43	AJL
Chloride	140		mg/L	1.0	0.20	1	360626	01/17/25 15:30	01/17/25 21:43	AJL
Bromide	0.59		mg/L	0.30	0.065	1	360626	01/17/25 15:30	01/17/25 21:43	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.06	1	360626	01/17/25 15:30	01/17/25 21:43	AJL
Sulfate	530		mg/L	10	3.4	10	360626	01/17/25 15:30	01/17/25 22:04	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	21		mg/L	4.0	1.6	1	361364	01/27/25	01/27/25	EPL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.62		mg/L	0.050	0.0062	1	360716	01/19/25	01/20/25	SBW
Calcium	220		mg/L	0.57	0.57	1	360716	01/19/25	01/20/25	SBW
Iron	0.56		mg/L	0.041	0.041	1	360716	01/19/25	01/20/25	SBW
Magnesium	40		mg/L	0.10	0.025	1	360716	01/19/25	01/20/25	SBW
Manganese	0.86		mg/L	0.010	0.0029	1	360716	01/19/25	01/20/25	SBW
Potassium	1.8		mg/L	0.50	0.42	1	360716	01/19/25	01/20/25	SBW
Sodium	150		mg/L	0.50	0.34	1	360716	01/19/25	01/20/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	360741	01/20/25	01/20/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Acetone	ND		ug/L	100	44	1	360741	01/20/25	01/20/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	360741	01/20/25	01/20/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	360741	01/20/25	01/20/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	360741	01/20/25	01/20/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,2-Dichloroethane	0.2	J	ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST

Analysis Results for 524157

524157-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	360741	01/20/25	01/20/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	360741	01/20/25	01/20/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	360741	01/20/25	01/20/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	360741	01/20/25	01/20/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	360741	01/20/25	01/20/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	360741	01/20/25	01/20/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	360741	01/20/25	01/20/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	360741	01/20/25	01/20/25	ZST
Xylene (total)	ND		ug/L	5.0		1	360741	01/20/25	01/20/25	ZST
Surrogates			Limits							
Dibromofluoromethane	107%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
1,2-Dichloroethane-d4	111%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
Toluene-d8	103%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
Bromofluorobenzene	102%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 524157

524157-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	4.2		ug/L	1.0	0.95	1	360909	01/21/25	01/22/25	ZFA
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	99%		%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	360677	01/18/25	01/18/25	EPL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	30		mg/L	1.0	0.24	1	360669	01/18/25	01/18/25	EPL
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	430		mg/L	5.0	2.5	360907	01/21/25	01/21/25	01/21/25	WWC
Alkalinity, Total as CaCO3	430		mg/L	5.0	2.5	360907	01/21/25	01/21/25	01/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,400		mg/L	20		2	361014	01/22/25	01/24/25	DXA

Analysis Results for 524157

Sample ID: DW-1
Lab ID: 524157-003
Collected: 01/16/25 11:06
Matrix: Water

524157-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.78		mg/L	0.20	0.040	1	360626	01/17/25 15:30	01/17/25 22:25	AJL
Chloride	110		mg/L	1.0	0.20	1	360626	01/17/25 15:30	01/17/25 22:25	AJL
Bromide	0.25	J	mg/L	0.30	0.065	1	360626	01/17/25 15:30	01/17/25 22:25	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.06	1	360626	01/17/25 15:30	01/17/25 22:25	AJL
Sulfate	330		mg/L	10	3.4	10	360626	01/17/25 15:30	01/17/25 22:46	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	360716	01/19/25	01/20/25	SBW
Calcium	50		mg/L	0.57	0.57	1	360716	01/19/25	01/20/25	SBW
Iron	ND		mg/L	0.041	0.041	1	360716	01/19/25	01/20/25	SBW
Magnesium	9.0		mg/L	0.10	0.025	1	360716	01/19/25	01/20/25	SBW
Manganese	0.041		mg/L	0.010	0.0029	1	360716	01/19/25	01/20/25	SBW
Potassium	2.2		mg/L	0.50	0.42	1	360716	01/19/25	01/20/25	SBW
Sodium	200		mg/L	0.50	0.34	1	360716	01/19/25	01/20/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	360741	01/20/25	01/20/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Acetone	ND		ug/L	100	44	1	360741	01/20/25	01/20/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	360741	01/20/25	01/20/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloroethane	0.2	J	ug/L	5.0	0.08	1	360741	01/20/25	01/20/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	360741	01/20/25	01/20/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST

Analysis Results for 524157

524157-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	360741	01/20/25	01/20/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Tetrachloroethene	0.3	J	ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	360741	01/20/25	01/20/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	360741	01/20/25	01/20/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	360741	01/20/25	01/20/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	360741	01/20/25	01/20/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	360741	01/20/25	01/20/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	360741	01/20/25	01/20/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	360741	01/20/25	01/20/25	ZST
Xylene (total)	ND		ug/L	5.0		1	360741	01/20/25	01/20/25	ZST
Surrogates			Limits							
Dibromofluoromethane	107%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
1,2-Dichloroethane-d4	107%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
Toluene-d8	99%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 524157

524157-003 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	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	360909	01/21/25	01/22/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	360677	01/18/25	01/18/25	EPL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	3.9		mg/L	1.0	0.24	1	360669	01/18/25	01/18/25	EPL
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	180		mg/L	5.0		2.5	360907	01/21/25	01/21/25	WWC
Alkalinity, Total as CaCO3	180		mg/L	5.0		2.5	360907	01/21/25	01/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	800		mg/L	20		2	361014	01/22/25	01/24/25	DXA

Analysis Results for 524157

Sample ID: DW-16
Lab ID: 524157-004
Collected: 01/16/25 12:00
Matrix: Water

524157-004 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	0.040	1	360626	01/17/25 15:30	01/17/25 23:07	AJL
Chloride	100		mg/L	1.0	0.20	1	360626	01/17/25 15:30	01/17/25 23:07	AJL
Bromide	0.25	J	mg/L	0.30	0.065	1	360626	01/17/25 15:30	01/17/25 23:07	AJL
Nitrogen, Nitrate	2.2		mg/L	0.10	0.06	1	360626	01/17/25 15:30	01/17/25 23:07	AJL
Sulfate	180		mg/L	10	3.4	10	360626	01/17/25 15:30	01/17/25 23:28	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	0.13		mg/L	0.050	0.0062	1	360716	01/19/25	01/20/25	SBW
Calcium	6.6		mg/L	0.57	0.57	1	360716	01/19/25	01/20/25	SBW
Iron	ND		mg/L	0.041	0.041	1	360716	01/19/25	01/20/25	SBW
Magnesium	0.37		mg/L	0.10	0.025	1	360716	01/19/25	01/20/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	360716	01/19/25	01/20/25	SBW
Potassium	0.81		mg/L	0.50	0.42	1	360716	01/19/25	01/20/25	SBW
Sodium	230		mg/L	0.50	0.34	1	360716	01/19/25	01/20/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	360741	01/20/25	01/20/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Acetone	ND		ug/L	100	44	1	360741	01/20/25	01/20/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	360741	01/20/25	01/20/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloroethane	1.2	J	ug/L	5.0	0.08	1	360741	01/20/25	01/20/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	360741	01/20/25	01/20/25	ZST
cis-1,2-Dichloroethene	0.7	J	ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Chloroform	0.2	J	ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST

Analysis Results for 524157

524157-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	0.2	J	ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Trichloroethene	0.7	J	ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	360741	01/20/25	01/20/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Tetrachloroethene	0.8	J	ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	360741	01/20/25	01/20/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	360741	01/20/25	01/20/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	360741	01/20/25	01/20/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,4-Dichlorobenzene	0.3	J	ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	360741	01/20/25	01/20/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	360741	01/20/25	01/20/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	360741	01/20/25	01/20/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	360741	01/20/25	01/20/25	ZST
Xylene (total)	ND		ug/L	5.0		1	360741	01/20/25	01/20/25	ZST
Surrogates			Limits							
Dibromofluoromethane	108%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
1,2-Dichloroethane-d4	103%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
Toluene-d8	101%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
Bromofluorobenzene	98%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 524157

524157-004 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	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	103%		%REC	80-120		1	360909	01/21/25	01/22/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	360677	01/18/25	01/18/25	EPL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	5.5		mg/L	1.0	0.24	1	360669	01/18/25	01/18/25	EPL
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	220		mg/L	5.0	2.5	360907	01/21/25	01/21/25	01/21/25	WWC
Alkalinity, Total as CaCO3	240		mg/L	5.0	2.5	360907	01/21/25	01/21/25	01/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	700		mg/L	20		2	361014	01/22/25	01/24/25	DXA

Analysis Results for 524157

Sample ID: DW-3
Lab ID: 524157-005
Collected: 01/16/25 12:56
Matrix: Water

524157-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.61		mg/L	0.20	0.040	1	360626	01/17/25 15:30	01/17/25 23:49	AJL
Chloride	58		mg/L	1.0	0.20	1	360626	01/17/25 15:30	01/17/25 23:49	AJL
Bromide	0.19	J	mg/L	0.30	0.065	1	360626	01/17/25 15:30	01/17/25 23:49	AJL
Nitrogen, Nitrate	1.8		mg/L	0.10	0.06	1	360626	01/17/25 15:30	01/17/25 23:49	AJL
Sulfate	100		mg/L	10	3.4	10	360626	01/17/25 15:30	01/18/25 00:10	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	0.26		mg/L	0.050	0.0062	1	360716	01/19/25	01/20/25	SBW
Calcium	32		mg/L	0.57	0.57	1	360716	01/19/25	01/20/25	SBW
Iron	ND		mg/L	0.041	0.041	1	360716	01/19/25	01/20/25	SBW
Magnesium	3.9		mg/L	0.10	0.025	1	360716	01/19/25	01/20/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	360716	01/19/25	01/20/25	SBW
Potassium	1.4		mg/L	0.50	0.42	1	360716	01/19/25	01/20/25	SBW
Sodium	110		mg/L	0.50	0.34	1	360716	01/19/25	01/20/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Freon 12	5.2		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	360741	01/20/25	01/20/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Acetone	ND		ug/L	100	44	1	360741	01/20/25	01/20/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	360741	01/20/25	01/20/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloroethane	0.3	J	ug/L	5.0	0.08	1	360741	01/20/25	01/20/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	360741	01/20/25	01/20/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Chloroform	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST

Analysis Results for 524157

524157-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	360741	01/20/25	01/20/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Tetrachloroethene	1.1	J	ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	360741	01/20/25	01/20/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	360741	01/20/25	01/20/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	360741	01/20/25	01/20/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	360741	01/20/25	01/20/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	360741	01/20/25	01/20/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	360741	01/20/25	01/20/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	360741	01/20/25	01/20/25	ZST
Xylene (total)	ND		ug/L	5.0		1	360741	01/20/25	01/20/25	ZST
Surrogates			Limits							
Dibromofluoromethane	108%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
1,2-Dichloroethane-d4	104%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
Toluene-d8	100%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
Bromofluorobenzene	99%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 524157

524157-005 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	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	360909	01/21/25	01/22/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	360677	01/18/25	01/18/25	EPL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	3.9		mg/L	1.0	0.24	1	360669	01/18/25	01/18/25	EPL
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	180		mg/L	5.0		2.5	360907	01/21/25	01/21/25	WWC
Alkalinity, Total as CaCO3	180		mg/L	5.0		2.5	360907	01/21/25	01/21/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	420		mg/L	20		2	361014	01/22/25	01/24/25	DXA

Analysis Results for 524157

Sample ID: QCFB
Lab ID: 524157-006
Collected: 01/16/25 09:20
Matrix: Water

524157-006 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	360741	01/20/25	01/20/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	360741	01/20/25	01/20/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Acetone	ND		ug/L	100	44	1	360741	01/20/25	01/20/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	360741	01/20/25	01/20/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	360741	01/20/25	01/20/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	360741	01/20/25	01/20/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Chloroform	0.5	J	ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	360741	01/20/25	01/20/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	360741	01/20/25	01/20/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	360741	01/20/25	01/20/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST

Analysis Results for 524157

524157-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	360741	01/20/25	01/20/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	360741	01/20/25	01/20/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	360741	01/20/25	01/20/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	360741	01/20/25	01/20/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	360741	01/20/25	01/20/25	ZST
Xylene (total)	ND		ug/L	5.0		1	360741	01/20/25	01/20/25	ZST
Surrogates	Limits									
Dibromofluoromethane	106%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
1,2-Dichloroethane-d4	103%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
Toluene-d8	98%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
Bromofluorobenzene	96%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST

Analysis Results for 524157

Sample ID: QCTB
Lab ID: 524157-007
Collected: 01/16/25
Matrix: Water

524157-007 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	360741	01/20/25	01/20/25	ZST
Freon 12	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	360741	01/20/25	01/20/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Bromomethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Chloroethane	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Acetone	ND		ug/L	100	44	1	360741	01/20/25	01/20/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Methylene Chloride	ND		ug/L	5.0	3.5	1	360741	01/20/25	01/20/25	ZST
MTBE	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.08	1	360741	01/20/25	01/20/25	ZST
2-Butanone	ND		ug/L	100	2.3	1	360741	01/20/25	01/20/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Chloroform	0.5	J	ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Benzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Trichloroethene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Dibromomethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	1	360741	01/20/25	01/20/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Toluene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.07	1	360741	01/20/25	01/20/25	ZST
m,p-Xylenes	ND		ug/L	10	0.1	1	360741	01/20/25	01/20/25	ZST
o-Xylene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Styrene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Bromoform	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST

Analysis Results for 524157

524157-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Propylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Bromobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.08	1	360741	01/20/25	01/20/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	360741	01/20/25	01/20/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	1	360741	01/20/25	01/20/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	1	360741	01/20/25	01/20/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.09	1	360741	01/20/25	01/20/25	ZST
Naphthalene	ND		ug/L	5.0	0.5	1	360741	01/20/25	01/20/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	1	360741	01/20/25	01/20/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	1	360741	01/20/25	01/20/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	1	360741	01/20/25	01/20/25	ZST
Xylene (total)	ND		ug/L	5.0		1	360741	01/20/25	01/20/25	ZST
Surrogates	Limits									
Dibromofluoromethane	106%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
1,2-Dichloroethane-d4	102%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
Toluene-d8	99%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST
Bromofluorobenzene	100%		%REC	70-130		1	360741	01/20/25	01/20/25	ZST

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1220920	Batch: 360626
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1220920 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.040	01/17/25 15:30	01/17/25 16:51
Chloride	ND		mg/L	1.0	0.20	01/17/25 15:30	01/17/25 16:51
Bromide	ND		mg/L	0.30	0.065	01/17/25 15:30	01/17/25 16:51
Nitrogen, Nitrate	ND		mg/L	0.10	0.06	01/17/25 15:30	01/17/25 16:51
Sulfate	ND		mg/L	1.0	0.34	01/17/25 15:30	01/17/25 16:51

Type: Lab Control Sample	Lab ID: QC1220921	Batch: 360626
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1220921 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.366	10.00	mg/L	94%		90-110
Chloride	47.63	50.00	mg/L	95%		90-110
Bromide	14.79	15.00	mg/L	99%		90-110
Nitrogen, Nitrate	4.426	4.518	mg/L	98%		90-110
Sulfate	24.39	25.00	mg/L	98%		90-110

Type: Matrix Spike	Lab ID: QC1220922	Batch: 360626
Matrix (Source ID): Drinking Water (524186-001)	Method: EPA 300.0	Prep Method: METHOD

QC1220922 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.52	0.2423	20.00	mg/L	96%		80-120	1
Chloride	143.6	46.50	100.0	mg/L	97%		80-120	1
Bromide	14.63	0.1759	15.00	mg/L	96%		80-120	1
Nitrogen, Nitrate	8.759	0.08402	9.036	mg/L	96%		80-120	1
Sulfate	117.5	72.67	50.00	mg/L	90%	E	80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1220923	Batch: 360626
Matrix (Source ID): Drinking Water (524186-001)	Method: EPA 300.0	Prep Method: METHOD

QC1220923 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.42	0.2423	20.00	mg/L	96%		80-120	1	20	1
Chloride	143.3	46.50	100.0	mg/L	97%		80-120	0	20	1
Bromide	14.53	0.1759	15.00	mg/L	96%		80-120	1	20	1
Nitrogen, Nitrate	8.684	0.08402	9.036	mg/L	95%		80-120	1	20	1
Sulfate	117.2	72.67	50.00	mg/L	89%	E	80-120		20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1220924	Batch: 360626
Matrix (Source ID): Drinking Water (524187-001)	Method: EPA 300.0	Prep Method: METHOD

QC1220924 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	21.31	0.2433	20.00	mg/L	105%		80-120	1
Chloride	149.4	46.36	100.0	mg/L	103%		80-120	1
Bromide	15.39	0.1685	15.00	mg/L	101%		80-120	1
Nitrogen, Nitrate	9.311	0.07941	9.036	mg/L	102%		80-120	1
Sulfate	124.0	72.66	50.00	mg/L	103%	E	80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1220925	Batch: 360626
Matrix (Source ID): Drinking Water (524187-001)	Method: EPA 300.0	Prep Method: METHOD

QC1220925 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.36	0.2433	20.00	mg/L	96%		80-120	10	20	1
Chloride	142.9	46.36	100.0	mg/L	97%		80-120	4	20	1
Bromide	14.52	0.1685	15.00	mg/L	96%		80-120	6	20	1
Nitrogen, Nitrate	8.690	0.07941	9.036	mg/L	95%		80-120	7	20	1
Sulfate	117.2	72.66	50.00	mg/L	89%	E	80-120		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

Batch QC

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

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: QC1221213	Batch: 360716
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1221213 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0062	01/19/25	01/20/25
Calcium	ND		mg/L	0.57	0.57	01/19/25	01/20/25
Iron	ND		mg/L	0.041	0.041	01/19/25	01/20/25
Magnesium	ND		mg/L	0.10	0.025	01/19/25	01/20/25
Manganese	ND		mg/L	0.010	0.0029	01/19/25	01/20/25
Potassium	ND		mg/L	0.50	0.42	01/19/25	01/20/25
Sodium	ND		mg/L	0.50	0.34	01/19/25	01/20/25

Batch QC

Type: Lab Control Sample	Lab ID: QC1221214	Batch: 360716
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1221214 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3482	0.4000	mg/L	87%		80-120
Calcium	18.24	20.40	mg/L	89%		80-120
Iron	0.3572	0.4000	mg/L	89%		80-120
Magnesium	18.24	20.40	mg/L	89%		80-120
Manganese	0.3628	0.4000	mg/L	91%		80-120
Potassium	20.85	24.00	mg/L	87%		80-120
Sodium	17.97	20.40	mg/L	88%		80-120

Type: Matrix Spike	Lab ID: QC1221215	Batch: 360716
Matrix (Source ID): Water (524157-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1221215 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.6545	0.3015	0.4000	mg/L	88%		75-125	1
Calcium	70.47	53.25	20.40	mg/L	84%		75-125	1
Iron	0.3748	ND	0.4000	mg/L	94%		75-125	1
Magnesium	25.30	7.390	20.40	mg/L	88%		75-125	1
Manganese	0.4605	0.09550	0.4000	mg/L	91%		75-125	1
Potassium	22.56	1.240	24.00	mg/L	89%		75-125	1
Sodium	225.2	210.2	20.40	mg/L	74%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1221216	Batch: 360716
Matrix (Source ID): Water (524157-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1221216 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.6572	0.3015	0.4000	mg/L	89%		75-125	0	20	1
Calcium	70.47	53.25	20.40	mg/L	84%		75-125	0	20	1
Iron	0.3695	ND	0.4000	mg/L	92%		75-125	1	20	1
Magnesium	25.37	7.390	20.40	mg/L	88%		75-125	0	20	1
Manganese	0.4525	0.09550	0.4000	mg/L	89%		75-125	2	20	1
Potassium	22.63	1.240	24.00	mg/L	89%		75-125	0	20	1
Sodium	225.4	210.2	20.40	mg/L	74%	NM	75-125	0	20	1

Batch QC

Type: Serial Dilution	Lab ID: QC1221349	Batch: 360716
Matrix (Source ID): Water (524157-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1221349 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.3134	0.3015	mg/L				5
Calcium	54.41	53.25	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	7.565	7.390	mg/L				5
Manganese	0.09604	0.09550	mg/L				5
Potassium	ND	1.240	mg/L				5
Sodium	215.8	210.2	mg/L				5

Batch QC

Type: Blank	Lab ID: QC1221300	Batch: 360741
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1221300 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	0.3	01/20/25	01/20/25
Freon 12	ND		ug/L	5.0	0.3	01/20/25	01/20/25
Chloromethane	ND		ug/L	5.0	0.4	01/20/25	01/20/25
Vinyl Chloride	ND		ug/L	5.0	0.2	01/20/25	01/20/25
Bromomethane	ND		ug/L	5.0	0.2	01/20/25	01/20/25
Chloroethane	ND		ug/L	5.0	0.3	01/20/25	01/20/25
Trichlorofluoromethane	ND		ug/L	5.0	0.2	01/20/25	01/20/25
Acetone	ND		ug/L	100	44	01/20/25	01/20/25
Freon 113	ND		ug/L	5.0	0.1	01/20/25	01/20/25
1,1-Dichloroethene	ND		ug/L	5.0	0.1	01/20/25	01/20/25
Methylene Chloride	ND		ug/L	5.0	3.5	01/20/25	01/20/25
MTBE	ND		ug/L	5.0	0.1	01/20/25	01/20/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	01/20/25	01/20/25
1,1-Dichloroethane	ND		ug/L	5.0	0.08	01/20/25	01/20/25
2-Butanone	ND		ug/L	100	2.3	01/20/25	01/20/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	01/20/25	01/20/25
2,2-Dichloropropane	ND		ug/L	5.0	0.2	01/20/25	01/20/25
Chloroform	ND		ug/L	5.0	0.1	01/20/25	01/20/25
Bromochloromethane	ND		ug/L	5.0	0.2	01/20/25	01/20/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.1	01/20/25	01/20/25
1,1-Dichloropropene	ND		ug/L	5.0	0.2	01/20/25	01/20/25
Carbon Tetrachloride	ND		ug/L	5.0	0.2	01/20/25	01/20/25
1,2-Dichloroethane	ND		ug/L	5.0	0.1	01/20/25	01/20/25
Benzene	ND		ug/L	5.0	0.1	01/20/25	01/20/25
Trichloroethene	ND		ug/L	5.0	0.1	01/20/25	01/20/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	01/20/25	01/20/25
Bromodichloromethane	ND		ug/L	5.0	0.1	01/20/25	01/20/25
Dibromomethane	ND		ug/L	5.0	0.2	01/20/25	01/20/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	0.9	01/20/25	01/20/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.2	01/20/25	01/20/25
Toluene	ND		ug/L	5.0	0.3	01/20/25	01/20/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	01/20/25	01/20/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	01/20/25	01/20/25
1,3-Dichloropropane	ND		ug/L	5.0	0.1	01/20/25	01/20/25
Tetrachloroethene	ND		ug/L	5.0	0.2	01/20/25	01/20/25
Dibromochloromethane	ND		ug/L	5.0	0.1	01/20/25	01/20/25
1,2-Dibromoethane	ND		ug/L	5.0	0.1	01/20/25	01/20/25
Chlorobenzene	ND		ug/L	5.0	0.1	01/20/25	01/20/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.2	01/20/25	01/20/25
Ethylbenzene	ND		ug/L	5.0	0.07	01/20/25	01/20/25
m,p-Xylenes	ND		ug/L	10	0.1	01/20/25	01/20/25
o-Xylene	ND		ug/L	5.0	0.09	01/20/25	01/20/25
Styrene	ND		ug/L	5.0	0.2	01/20/25	01/20/25
Bromoform	ND		ug/L	5.0	0.2	01/20/25	01/20/25
Isopropylbenzene	ND		ug/L	5.0	0.09	01/20/25	01/20/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.2	01/20/25	01/20/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	01/20/25	01/20/25

Batch QC

QC1221300 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.09	01/20/25	01/20/25
Bromobenzene	ND		ug/L	5.0	0.1	01/20/25	01/20/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.09	01/20/25	01/20/25
2-Chlorotoluene	ND		ug/L	5.0	0.08	01/20/25	01/20/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	01/20/25	01/20/25
tert-Butylbenzene	ND		ug/L	5.0	0.09	01/20/25	01/20/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	01/20/25	01/20/25
sec-Butylbenzene	ND		ug/L	5.0	0.09	01/20/25	01/20/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	01/20/25	01/20/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	01/20/25	01/20/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.2	01/20/25	01/20/25
n-Butylbenzene	ND		ug/L	5.0	0.1	01/20/25	01/20/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	01/20/25	01/20/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	1.0	01/20/25	01/20/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.2	01/20/25	01/20/25
Hexachlorobutadiene	ND		ug/L	5.0	0.09	01/20/25	01/20/25
Naphthalene	ND		ug/L	5.0	0.5	01/20/25	01/20/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.3	01/20/25	01/20/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.7	01/20/25	01/20/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.8	01/20/25	01/20/25
Xylene (total)	ND		ug/L	5.0		01/20/25	01/20/25
Surrogates				Limits			
Dibromofluoromethane	104%		%REC	70-130		01/20/25	01/20/25
1,2-Dichloroethane-d4	109%		%REC	70-130		01/20/25	01/20/25
Toluene-d8	99%		%REC	70-130		01/20/25	01/20/25
Bromofluorobenzene	99%		%REC	70-130		01/20/25	01/20/25

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1221399
Method: EPA 8260B

Batch: 360741
Prep Method: EPA 5030B

QC1221399 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	58.15	50.00	ug/L	116%		70-135
MTBE	51.15	50.00	ug/L	102%		70-130
Benzene	55.32	50.00	ug/L	111%		70-130
Trichloroethene	56.15	50.00	ug/L	112%		70-130
Toluene	55.24	50.00	ug/L	110%		70-130
Chlorobenzene	56.13	50.00	ug/L	112%		70-130
Surrogates						
Dibromofluoromethane	50.73	50.00	ug/L	101%		70-130
1,2-Dichloroethane-d4	50.10	50.00	ug/L	100%		70-130
Toluene-d8	49.71	50.00	ug/L	99%		70-130
Bromofluorobenzene	48.53	50.00	ug/L	97%		70-130

Batch QC

Type: Matrix Spike	Lab ID: QC1221400	Batch: 360741
Matrix (Source ID): Water (524157-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1221400 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	49.01	ND	50.00	ug/L	98%		70-130	1
MTBE	49.39	ND	50.00	ug/L	99%		75-130	1
Benzene	49.74	ND	50.00	ug/L	99%		70-130	1
Trichloroethene	50.40	ND	50.00	ug/L	101%		63-130	1
Toluene	49.39	ND	50.00	ug/L	99%		70-130	1
Chlorobenzene	50.12	ND	50.00	ug/L	100%		70-130	1
Surrogates								
Dibromofluoromethane	50.19		50.00	ug/L	100%		70-130	1
1,2-Dichloroethane-d4	50.79		50.00	ug/L	102%		70-130	1
Toluene-d8	49.77		50.00	ug/L	100%		70-130	1
Bromofluorobenzene	48.59		50.00	ug/L	97%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1221401	Batch: 360741
Matrix (Source ID): Water (524157-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1221401 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	39.70	ND	50.00	ug/L	79%		70-130	21	30	1
MTBE	44.61	ND	50.00	ug/L	89%		75-130	10	30	1
Benzene	41.12	ND	50.00	ug/L	82%		70-130	19	30	1
Trichloroethene	40.86	ND	50.00	ug/L	82%		63-130	21	30	1
Toluene	40.57	ND	50.00	ug/L	81%		70-130	20	30	1
Chlorobenzene	42.07	ND	50.00	ug/L	84%		70-130	17	30	1
Surrogates										
Dibromofluoromethane	49.69		50.00	ug/L	99%		70-130			1
1,2-Dichloroethane-d4	55.12		50.00	ug/L	110%		70-130			1
Toluene-d8	49.10		50.00	ug/L	98%		70-130			1
Bromofluorobenzene	48.82		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

Batch QC

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: QC1221068	Batch: 360677
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1221068 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		01/18/25	01/18/25

Type: Lab Control Sample	Lab ID: QC1221069	Batch: 360677
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1221069 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	1.000	1.000	mg/L	100%		90-110

Type: Matrix Spike	Lab ID: QC1221336	Batch: 360677
Matrix (Source ID): Water (524157-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1221336 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: QC1221337	Batch: 360677
Matrix (Source ID): Water (524157-001)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1221337 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	1.000	ND	1.000	mg/L	100%		80-120	0	20	1

Batch QC

Type: Blank	Lab ID: QC1221041	Batch: 360669
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1221041 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.24	01/18/25	01/18/25

Type: Lab Control Sample	Lab ID: QC1221042	Batch: 360669
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1221042 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	25.71	25.00	mg/L	103%		80-120

Type: Matrix Spike	Lab ID: QC1221043	Batch: 360669
Matrix (Source ID): Water (524157-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1221043 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	36.50	8.685	25.00	mg/L	111%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1221044	Batch: 360669
Matrix (Source ID): Water (524157-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1221044 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	36.22	8.685	25.00	mg/L	110%		80-120	1	20	1

Type: Blank	Lab ID: QC1221878	Batch: 360907
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1221878 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		01/21/25	01/21/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		01/21/25	01/21/25

Type: Lab Control Sample	Lab ID: QC1221879	Batch: 360907
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1221879 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	977.5	1000	mg/L	98%		90-110

Type: Sample Duplicate	Lab ID: QC1221880	Batch: 360907
Matrix (Source ID): Water (524211-004)	Method: SM2320B	Prep Method: METHOD

QC1221880 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	29.36	28.42	mg/L		3	20	1
Alkalinity, Total as CaCO ₃	29.36	28.42	mg/L		3	20	1

Batch QC

Type: Blank	Lab ID: QC1222278	Batch: 361014
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1222278 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	20		01/22/25	01/24/25

Type: Lab Control Sample	Lab ID: QC1222279	Batch: 361014
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1222279 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	982.0	1000	mg/L	98%		90-110

Type: Sample Duplicate	Lab ID: QC1222280	Batch: 361014
Matrix (Source ID): Water (524157-001)	Method: SM2540C	Prep Method: METHOD

QC1222280 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	836.0	814.0	mg/L		3	5	2

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

Laboratory Job Number 524157

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2501A40

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 058321

Project: EO-524157

Project Location:

Project Received: 01/21/2025

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: 2501A40

Project: EO-524157

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: 2501A40

Project: EO-524157

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: 01/21/2025 10:17
Date Prepared: 01/23/2025
Project: EO-524157

WorkOrder: 2501A40
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	2501A40-001A	Water	01/16/2025 09:18	GC26 0123251204.D	310250

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	7800	500	500	10	01/23/2025 13:51

Analyst(s): PRE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-31	2501A40-002A	Water	01/16/2025 10:13	GC26 0123251205.D	310250

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	43,000	5000	5000	100	01/23/2025 14:09

Analyst(s): PRE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-1	2501A40-003A	Water	01/16/2025 11:06	GC26 0123251206.D	310250

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	2300	100	100	2	01/23/2025 14:49

Analyst(s): PRE

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 01/21/2025 10:17
Date Prepared: 01/23/2025
Project: EO-524157

WorkOrder: 2501A40
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-16	2501A40-004A	Water	01/16/2025 12:00	GC26 0123251207.D	310250

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	1200	100	100	2	01/23/2025 15:12

Analyst(s): PRE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-3	2501A40-005A	Water	01/16/2025 12:56	GC26 0123251208.D	310250

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	3100	100	100	2	01/23/2025 15:23

Analyst(s): PRE



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 01/23/2025
Date Analyzed: 01/23/2025
Instrument: GC26
Matrix: Water
Project: EO-524157

WorkOrder: 2501A40
BatchID: 310250
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-310250

QC Summary Report for RSK175

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

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Carbon Dioxide	190	160	187.2	99	86	70-130	14.9	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: 2501A40

ClientCode: ENO

QuoteID: 243367

☐ 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: 058321
Project: EO-524157

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: 01/21/2025

Date Logged: 01/21/2025

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2501A40-001	DW-29	Water	1/16/2025 09:18	☐	A											
2501A40-002	DW-31	Water	1/16/2025 10:13	☐	A											
2501A40-003	DW-1	Water	1/16/2025 11:06	☐	A											
2501A40-004	DW-16	Water	1/16/2025 12:00	☐	A											
2501A40-005	DW-3	Water	1/16/2025 12:56	☐	A											

Test Legend:

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

Project Manager: Yen Cao

Prepared by: Adrianna Cardoza

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-524157

Work Order: 2501A40

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments:

Date Logged: 1/21/2025

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

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-29	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	1/16/2025 9:18	5 days	1/28/2025	Present	☐	☐
002A	DW-31	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	1/16/2025 10:13	5 days	1/28/2025	Present	☐	☐
003A	DW-1	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	1/16/2025 11:06	5 days	1/28/2025	None	☐	☐
004A	DW-16	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	1/16/2025 12:00	5 days	1/28/2025	None	☐	☐
005A	DW-3	Water	RSK175 (CO2)	3	VOA, Unpres	☐	☐	☐	1/16/2025 12:56	5 days	1/28/2025	None	☐	☐

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

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

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

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

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

Subcontract Laboratory:

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

Enthalpy Order: EO-524157

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	16-JAN-2025 09:18	524157-001	3	Water	RSK-175 CO2	
DW-31	16-JAN-2025 10:13	524157-002	3	Water	RSK-175 CO2	
DW-1	16-JAN-2025 11:06	524157-003	3	Water	RSK-175 CO2	
DW-16	16-JAN-2025 12:00	524157-004	3	Water	RSK-175 CO2	
DW-3	16-JAN-2025 12:56	524157-005	3	Water	RSK-175 CO2	

Notes:
Relinquished By:
Received By:

Tris Kelly Tris Kelly

Date: 1/20/25

Date: 1-21-25 1017

Date:

Date:

Date:

Date:

4.7 wt 1239



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-524157

Date and Time Received: 1/21/2025 10:17
Date Logged: 1/21/2025
Received by: Adrianna Cardoza
Logged by: Adrianna Cardoza

WorkOrder No: 2501A40 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: 4.7°C	NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes ☒ No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☒ No ☐	
pH acceptable upon receipt (Metal: <2)?	Yes ☐ No ☐	NA ☒

UCMR Samples:

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

Comments:



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

enthalpy.com

Lab Job Number : 526830
Report Level : II
Report Date : 03/07/2025

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 #: 526830
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 02/18/25

Sample ID	Lab ID	Collected	Matrix
DW-12	526830-001	02/18/25 08:59	Water
DW-7	526830-002	02/18/25 09:57	Water
DW-18	526830-003	02/18/25 11:05	Water
DW-21	526830-004	02/18/25 11:48	Water
DW-31	526830-005	02/18/25 13:14	Water
QCFB	526830-006	02/18/25 11:51	Water
QCTB	526830-007	02/18/25 00:00	Water

Case Narrative

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

Lab Job Number: 526830
Project No: GW MONITORING
Location: Chiquita Canyon
Landfill
Date Received: 02/18/25

This data package contains sample and QC results for seven water samples, requested for the above referenced project on 02/19/25. 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):

- Low recoveries were observed for bromide in the MS/MSD for batch 363553; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits.
- No other analytical problems were encountered.

Chemical Oxygen Demand by EPA 410.4 (EPA 410.4):

No analytical problems were encountered.

Alkalinity (SM2320B):

No analytical problems were encountered.

Sulfide (SM 4500-S2-D):

No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):

No analytical problems were encountered.

Chemical Oxygen Demand (EPA 410.4):

No analytical problems were encountered.

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

No analytical problems were encountered.

RSK-175 CO2 (RSK-175):

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

Enthalpy Analytical

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

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

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			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	ID: IR11 T: 5.7°C	
Report To:	Steve Cassulo			Number:	661-257-3655															
Email:	Steven.Cassulo@wasteconnections.com			P.O. #:																
Address:	29201 Henry Mayo Drive			Address:																
Phone:	661-257-3655			Global ID:	L10003464243															
Fax:				Sampled By:	Paul Chang															
Sample ID				Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.												
DW-12				2/18/25	859	W	13	var.	X	X	X	X	X	X	X	X				
DW-7					957				X	X	X	X	X	X	X	X				
DW-18					1105				X	X	X	X	X	X	X	X				
DW-21					1148				X	X	X	X	X	X	X	X				
DW-31					1314				X	X	X	X	X	X	X	X				
QC FB					1151				X											
QC TB					-				X											

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 2.18.25 WO# 526830 Client: Chiquita Canyon L.F.

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

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

Shipping Info: Walk in or Pickup

Section 3a: Condition / Packaging

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

Date Opened 2.18.25 By (initials) JWL

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

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

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

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: IR03 CF: -0.7C
-0.2C

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

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

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

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

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

Section 4: Containers / Labels / Samples

YES NO N/A

1) Were custody papers present, filled properly, and legible?

X

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

X

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

X

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

X

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

X

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

X

7) Does the container count match the CoC?

X

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

X

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

X

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

X

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

X

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

X

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

X

Section 5: Explanations / Comments

☐ PM notified

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

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

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 2/19/25 WO# 526830 Client: Waste Connections

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

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

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

Section 3a: Condition / Packaging

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

Date Opened 2/19/25 By (initials) GCH 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: 1211 CF: 70-7

Cooler Temp (°C) #1: 5.7 / 5.8 #2: _____ / _____ #3: _____ / _____ #4: _____ / _____ #5: _____ / _____ #6: _____ / _____

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

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

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

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

Section 4: Containers / Labels / Samples

	YES	NO	N/A
1) Were custody papers present, filled properly, and legible?	☒		
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.)

1 vial for sample GCH 214910 004: 1 of 3 unpreserved vial was empty

☐ No additional discrepancies

Date Logged 2/19/25 By (print) ABD (sign) [Signature]

Date Labeled 2/19/25 By (print) GCH Orange (sign) [Signature]

Analysis Results for 526830

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

Lab Job #: 526830
Project No: GW MONITORING
Location: Chiquita Canyon Landfill
Date Received: 02/18/25

Sample ID: DW-12

Lab ID: 526830-001

Collected: 02/18/25 08:59

Matrix: Water

526830-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.56		mg/L	0.20	0.073	1	363553	02/19/25 15:52	02/20/25 01:02	AJL
Chloride	190		mg/L	1.0	0.27	1	363553	02/19/25 15:52	02/20/25 01:02	AJL
Bromide	0.70		mg/L	0.30	0.060	1	363553	02/19/25 15:52	02/20/25 01:02	AJL
Nitrogen, Nitrate	3.4		mg/L	0.10	0.05	1	363553	02/19/25 15:52	02/20/25 01:02	AJL
Sulfate	300		mg/L	10	1.8	10	363553	02/19/25 15:52	02/20/25 01:19	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.11		mg/L	0.10	0.050	1	364582	03/01/25	03/03/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	6.0		mg/L	4.0	1.6	1	363668	02/20/25	02/20/25	EPL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.20		mg/L	0.050	0.0055	1	363569	02/19/25	02/19/25	SBW
Calcium	22		mg/L	0.57	0.57	1	363569	02/19/25	02/19/25	SBW
Iron	ND		mg/L	0.046	0.046	1	363569	02/19/25	02/19/25	SBW
Magnesium	2.7		mg/L	0.10	0.025	1	363569	02/19/25	02/19/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	363569	02/19/25	02/19/25	SBW
Potassium	1.6		mg/L	0.50	0.40	1	363569	02/19/25	02/19/25	SBW
Sodium	260		mg/L	0.50	0.35	1	363569	02/19/25	02/19/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	1.3	1	364348	02/27/25	02/27/25	YAH
Freon 12	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Chloromethane	ND		ug/L	5.0	0.4	1	364348	02/27/25	02/27/25	YAH
Vinyl Chloride	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Bromomethane	ND		ug/L	5.0	0.3	1	364348	02/27/25	02/27/25	YAH
Chloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Acetone	ND		ug/L	100	16	1	364348	02/27/25	02/27/25	YAH
Freon 113	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,1-Dichloroethene	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Methylene Chloride	ND		ug/L	5.0	1.4	1	364348	02/27/25	02/27/25	YAH
MTBE	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,1-Dichloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
2-Butanone	ND		ug/L	100	3.1	1	364348	02/27/25	02/27/25	YAH
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	YAH
Chloroform	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH

Analysis Results for 526830

526830-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Bromochloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,1,1-Trichloroethane	ND		ug/L	5.0	0.06	1	364348	02/27/25	02/27/25	YAH
1,1-Dichloropropene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	YAH
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Benzene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	YAH
Trichloroethene	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Bromodichloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Dibromomethane	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	YAH
4-Methyl-2-Pentanone	ND		ug/L	5.0	2.3	1	364348	02/27/25	02/27/25	YAH
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Toluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Tetrachloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Dibromochloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Chlorobenzene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	YAH
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Ethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
m,p-Xylenes	ND		ug/L	10	0.2	1	364348	02/27/25	02/27/25	YAH
o-Xylene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Styrene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Bromoform	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Isopropylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Propylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Bromobenzene	ND		ug/L	5.0	0.07	1	364348	02/27/25	02/27/25	YAH
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
sec-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
n-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.5	1	364348	02/27/25	02/27/25	YAH
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.08	1	364348	02/27/25	02/27/25	YAH
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Naphthalene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	1	364348	02/27/25	02/27/25	YAH
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	364348	02/27/25	02/27/25	YAH
Xylene (total)	ND		ug/L	5.0		1	364348	02/27/25	02/27/25	YAH
Surrogates			Limits							
Dibromofluoromethane	108%		%REC	70-130		1	364348	02/27/25	02/27/25	YAH

Analysis Results for 526830

526830-001 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,2-Dichloroethane-d4	108%		%REC	70-130		1	364348	02/27/25	02/27/25	YAH
Toluene-d8	89%		%REC	70-130		1	364348	02/27/25	02/27/25	YAH
Bromofluorobenzene	98%		%REC	70-130		1	364348	02/27/25	02/27/25	YAH

Method: EPA 8270C-SIM

Prep Method: EPA 3535

1,4-Dioxane	ND		ug/L	1.0	0.95	1	363843	02/21/25	02/22/25	TJW
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Surrogates

Limits

1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	363843	02/21/25	02/22/25	TJW
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Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	363624	02/20/25	02/20/25	EPL
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Method: SM 5310B

Prep Method: SM 5310B

Total Organic Carbon	2.3		mg/L	1.0	0.68	1	364639	03/01/25	03/01/25	TDD
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Method: SM2320B

Prep Method: METHOD

Alkalinity, Bicarbonate, as CaCO3	150		mg/L	5.0		2.5	363915	02/22/25	02/22/25	WWC
Alkalinity, Total as CaCO3	150		mg/L	5.0		2.5	363915	02/22/25	02/22/25	WWC

Method: SM2540C

Prep Method: METHOD

Total Dissolved Solids	940		mg/L	20		2	363770	02/21/25	02/22/25	RDL
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Analysis Results for 526830

Sample ID: DW-7
Lab ID: 526830-002
Collected: 02/18/25 09:57
Matrix: Water

526830-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.15	J	mg/L	0.20	0.073	1	363553	02/19/25 15:52	02/20/25 01:36	AJL
Chloride	82		mg/L	1.0	0.27	1	363553	02/19/25 15:52	02/20/25 01:36	AJL
Bromide	0.17	J	mg/L	0.30	0.060	1	363553	02/19/25 15:52	02/20/25 01:36	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	363553	02/19/25 15:52	02/20/25 01:36	AJL
Sulfate	650		mg/L	10	1.8	10	363553	02/19/25 15:52	02/20/25 01:53	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.15		mg/L	0.10	0.050	1	364582	03/01/25	03/03/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	3.0	J	mg/L	4.0	1.6	1	363668	02/20/25	02/20/25	EPL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.15		mg/L	0.050	0.0055	1	363569	02/19/25	02/19/25	SBW
Calcium	31		mg/L	0.57	0.57	1	363569	02/19/25	02/19/25	SBW
Iron	ND		mg/L	0.046	0.046	1	363569	02/19/25	02/19/25	SBW
Magnesium	1.5		mg/L	0.10	0.025	1	363569	02/19/25	02/19/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	363569	02/19/25	02/19/25	SBW
Potassium	1.1		mg/L	0.50	0.40	1	363569	02/19/25	02/19/25	SBW
Sodium	300		mg/L	0.50	0.35	1	363569	02/19/25	02/19/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	1.3	1	364348	02/27/25	02/27/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	364348	02/27/25	02/27/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	364348	02/27/25	02/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Acetone	ND		ug/L	100	16	1	364348	02/27/25	02/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Methylene Chloride	ND		ug/L	5.0	1.4	1	364348	02/27/25	02/27/25	ZST
MTBE	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
2-Butanone	ND		ug/L	100	3.1	1	364348	02/27/25	02/27/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
Chloroform	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.06	1	364348	02/27/25	02/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST

Analysis Results for 526830

526830-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	2.3	1	364348	02/27/25	02/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	364348	02/27/25	02/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Bromoform	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.07	1	364348	02/27/25	02/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.5	1	364348	02/27/25	02/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.08	1	364348	02/27/25	02/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	1	364348	02/27/25	02/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	364348	02/27/25	02/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	364348	02/27/25	02/27/25	ZST
Surrogates			Limits							
Dibromofluoromethane	108%		%REC	70-130		1	364348	02/27/25	02/27/25	ZST
1,2-Dichloroethane-d4	108%		%REC	70-130		1	364348	02/27/25	02/27/25	ZST
Toluene-d8	88%		%REC	70-130		1	364348	02/27/25	02/27/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	364348	02/27/25	02/27/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 526830

526830-002 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	363843	02/21/25	02/22/25	TJW
Surrogates	Limits									
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	363843	02/21/25	02/22/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	363624	02/20/25	02/20/25	EPL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	ND		mg/L	1.0	0.68	1	364639	03/01/25	03/01/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	95		mg/L	5.0		2.5	363915	02/22/25	02/22/25	WWC
Alkalinity, Total as CaCO3	95		mg/L	5.0		2.5	363915	02/22/25	02/22/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,200		mg/L	20		2	363770	02/21/25	02/22/25	RDL

Analysis Results for 526830

Sample ID: DW-18
Lab ID: 526830-003
Collected: 02/18/25 11:05
Matrix: Water

526830-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.23		mg/L	0.20	0.073	1	363553	02/19/25 15:52	02/20/25 02:10	AJL
Chloride	100		mg/L	1.0	0.27	1	363553	02/19/25 15:52	02/20/25 02:10	AJL
Bromide	0.30		mg/L	0.30	0.060	1	363553	02/19/25 15:52	02/20/25 02:10	AJL
Nitrogen, Nitrate	3.1		mg/L	0.10	0.05	1	363553	02/19/25 15:52	02/20/25 02:10	AJL
Sulfate	350		mg/L	10	1.8	10	363553	02/19/25 15:52	02/20/25 02:26	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.062	J	mg/L	0.10	0.050	1	364582	03/01/25	03/03/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	5.0		mg/L	4.0	1.6	1	363668	02/20/25	02/20/25	EPL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.34		mg/L	0.050	0.0055	1	363569	02/19/25	02/19/25	SBW
Calcium	26		mg/L	0.57	0.57	1	363569	02/19/25	02/19/25	SBW
Iron	ND		mg/L	0.046	0.046	1	363569	02/19/25	02/19/25	SBW
Magnesium	2.1		mg/L	0.10	0.025	1	363569	02/19/25	02/19/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	363569	02/19/25	02/19/25	SBW
Potassium	1.5		mg/L	0.50	0.40	1	363569	02/19/25	02/19/25	SBW
Sodium	270		mg/L	0.50	0.35	1	363569	02/19/25	02/19/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	1.3	1	364348	02/27/25	02/27/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	364348	02/27/25	02/27/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	364348	02/27/25	02/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Acetone	ND		ug/L	100	16	1	364348	02/27/25	02/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Methylene Chloride	ND		ug/L	5.0	1.4	1	364348	02/27/25	02/27/25	ZST
MTBE	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
2-Butanone	ND		ug/L	100	3.1	1	364348	02/27/25	02/27/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
Chloroform	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.06	1	364348	02/27/25	02/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST

Analysis Results for 526830

526830-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	2.3	1	364348	02/27/25	02/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	364348	02/27/25	02/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Bromoform	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.07	1	364348	02/27/25	02/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.5	1	364348	02/27/25	02/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.08	1	364348	02/27/25	02/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	1	364348	02/27/25	02/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	364348	02/27/25	02/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	364348	02/27/25	02/27/25	ZST
Surrogates				Limits						
Dibromofluoromethane	108%	%REC	70-130		1	364348	02/27/25	02/27/25		ZST
1,2-Dichloroethane-d4	109%	%REC	70-130		1	364348	02/27/25	02/27/25		ZST
Toluene-d8	89%	%REC	70-130		1	364348	02/27/25	02/27/25		ZST
Bromofluorobenzene	98%	%REC	70-130		1	364348	02/27/25	02/27/25		ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 526830

526830-003 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	363843	02/21/25	02/22/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	100%		%REC	80-120		1	363843	02/21/25	02/22/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	363624	02/20/25	02/20/25	EPL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	4.5		mg/L	1.0	0.68	1	364639	03/01/25	03/01/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	270		mg/L	5.0		2.5	363915	02/22/25	02/22/25	WWC
Alkalinity, Total as CaCO3	270		mg/L	5.0		2.5	363915	02/22/25	02/22/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	990		mg/L	20		2	363770	02/21/25	02/22/25	RDL

Analysis Results for 526830

Sample ID: DW-21
Lab ID: 526830-004
Collected: 02/18/25 11:48
Matrix: Water

526830-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.79		mg/L	0.20	0.073	1	363553	02/19/25 15:52	02/20/25 03:17	AJL
Chloride	54		mg/L	1.0	0.27	1	363553	02/19/25 15:52	02/20/25 03:17	AJL
Bromide	0.15	J	mg/L	0.30	0.060	1	363553	02/19/25 15:52	02/20/25 03:17	AJL
Nitrogen, Nitrate	0.11		mg/L	0.10	0.05	1	363553	02/19/25 15:52	02/20/25 03:17	AJL
Sulfate	120		mg/L	10	1.8	10	363553	02/19/25 15:52	02/20/25 03:34	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	0.18		mg/L	0.10	0.050	1	364582	03/01/25	03/03/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	ND		mg/L	4.0	1.6	1	363668	02/20/25	02/20/25	EPL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.24		mg/L	0.050	0.0055	1	363569	02/19/25	02/19/25	SBW
Calcium	3.4		mg/L	0.57	0.57	1	363569	02/19/25	02/19/25	SBW
Iron	0.16		mg/L	0.046	0.046	1	363569	02/19/25	02/19/25	SBW
Magnesium	0.19		mg/L	0.10	0.025	1	363569	02/19/25	02/19/25	SBW
Manganese	ND		mg/L	0.010	0.0029	1	363569	02/19/25	02/19/25	SBW
Potassium	0.45	J	mg/L	0.50	0.40	1	363569	02/19/25	02/19/25	SBW
Sodium	130		mg/L	0.50	0.35	1	363569	02/19/25	02/19/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	1.3	1	364348	02/27/25	02/27/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	364348	02/27/25	02/27/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	364348	02/27/25	02/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Acetone	ND		ug/L	100	16	1	364348	02/27/25	02/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Methylene Chloride	ND		ug/L	5.0	1.4	1	364348	02/27/25	02/27/25	ZST
MTBE	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
2-Butanone	ND		ug/L	100	3.1	1	364348	02/27/25	02/27/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
Chloroform	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.06	1	364348	02/27/25	02/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST

Analysis Results for 526830

526830-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	2.3	1	364348	02/27/25	02/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	364348	02/27/25	02/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Bromoform	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.07	1	364348	02/27/25	02/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.5	1	364348	02/27/25	02/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.08	1	364348	02/27/25	02/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	1	364348	02/27/25	02/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	364348	02/27/25	02/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	364348	02/27/25	02/27/25	ZST
Surrogates			Limits							
Dibromofluoromethane	108%		%REC	70-130		1	364348	02/27/25	02/27/25	ZST
1,2-Dichloroethane-d4	110%		%REC	70-130		1	364348	02/27/25	02/27/25	ZST
Toluene-d8	88%		%REC	70-130		1	364348	02/27/25	02/27/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	364348	02/27/25	02/27/25	ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 526830

526830-004 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	ND		ug/L	1.0	0.95	1	363843	02/21/25	02/22/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	101%		%REC	80-120		1	363843	02/21/25	02/22/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	363624	02/20/25	02/20/25	EPL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	1.4		mg/L	1.0	0.68	1	364639	03/01/25	03/01/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	98		mg/L	5.0		2.5	363915	02/22/25	02/22/25	WWC
Alkalinity, Total as CaCO3	130		mg/L	5.0		2.5	363915	02/22/25	02/22/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	430		mg/L	20		2	363770	02/21/25	02/22/25	RDL

Analysis Results for 526830

Sample ID: DW-31
Lab ID: 526830-005
Collected: 02/18/25 13:14
Matrix: Water

526830-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Method: EPA 300.0 Prep Method: METHOD										
Fluoride	0.22		mg/L	0.20	0.073	1	363553	02/19/25 15:52	02/20/25 03:51	AJL
Chloride	130		mg/L	1.0	0.27	1	363553	02/19/25 15:52	02/20/25 03:51	AJL
Bromide	0.54		mg/L	0.30	0.060	1	363553	02/19/25 15:52	02/20/25 03:51	AJL
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	1	363553	02/19/25 15:52	02/20/25 03:51	AJL
Sulfate	520		mg/L	10	1.8	10	363553	02/19/25 15:52	02/20/25 04:08	AJL
Method: EPA 350.1 Prep Method: METHOD										
Ammonia-N	ND		mg/L	0.10	0.050	1	364582	03/01/25	03/03/25	JAK
Method: EPA 410.4 Prep Method: METHOD										
Chemical Oxygen Demand	46		mg/L	4.0	1.6	1	363668	02/20/25	02/20/25	EPL
Method: EPA 6010B Prep Method: EPA 3015A										
Boron	0.57		mg/L	0.050	0.0055	1	363569	02/19/25	02/19/25	SBW
Calcium	200		mg/L	0.57	0.57	1	363569	02/19/25	02/19/25	SBW
Iron	0.49		mg/L	0.046	0.046	1	363569	02/19/25	02/19/25	SBW
Magnesium	37		mg/L	0.10	0.025	1	363569	02/19/25	02/19/25	SBW
Manganese	0.82		mg/L	0.010	0.0029	1	363569	02/19/25	02/19/25	SBW
Potassium	1.6		mg/L	0.50	0.40	1	363569	02/19/25	02/19/25	SBW
Sodium	140		mg/L	0.50	0.35	1	363569	02/19/25	02/19/25	SBW
Method: EPA 8260B Prep Method: EPA 5030B										
3-Chloropropene	ND		ug/L	5.0	1.3	1	364348	02/27/25	02/27/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	364348	02/27/25	02/27/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	364348	02/27/25	02/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Acetone	ND		ug/L	100	16	1	364348	02/27/25	02/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Methylene Chloride	ND		ug/L	5.0	1.4	1	364348	02/27/25	02/27/25	ZST
MTBE	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
2-Butanone	ND		ug/L	100	3.1	1	364348	02/27/25	02/27/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
Chloroform	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.06	1	364348	02/27/25	02/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dichloroethane	0.3	J	ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST

Analysis Results for 526830

526830-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
Benzene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	2.3	1	364348	02/27/25	02/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	364348	02/27/25	02/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Bromoform	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.07	1	364348	02/27/25	02/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.5	1	364348	02/27/25	02/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.08	1	364348	02/27/25	02/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	1	364348	02/27/25	02/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	364348	02/27/25	02/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	364348	02/27/25	02/27/25	ZST
Surrogates				Limits						
Dibromofluoromethane	110%	%REC	70-130		1	364348	02/27/25	02/27/25		ZST
1,2-Dichloroethane-d4	111%	%REC	70-130		1	364348	02/27/25	02/27/25		ZST
Toluene-d8	89%	%REC	70-130		1	364348	02/27/25	02/27/25		ZST
Bromofluorobenzene	96%	%REC	70-130		1	364348	02/27/25	02/27/25		ZST

Method: EPA 8270C-SIM

Prep Method: EPA 3535

Analysis Results for 526830

526830-005 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,4-Dioxane	3.9		ug/L	1.0	0.95	1	363843	02/21/25	02/22/25	TJW
Surrogates		Limits								
1,4-Dioxane-d8 (SUR)	99%		%REC	80-120		1	363843	02/21/25	02/22/25	TJW
Method: SM 4500-S2-D Prep Method: METHOD										
Sulfide	ND		mg/L	0.10		1	363624	02/20/25	02/20/25	EPL
Method: SM 5310B Prep Method: SM 5310B										
Total Organic Carbon	19		mg/L	1.0	0.68	1	364639	03/01/25	03/01/25	TDD
Method: SM2320B Prep Method: METHOD										
Alkalinity, Bicarbonate, as CaCO3	370		mg/L	5.0		2.5	363915	02/22/25	02/22/25	WWC
Alkalinity, Total as CaCO3	370		mg/L	5.0		2.5	363915	02/22/25	02/22/25	WWC
Method: SM2540C Prep Method: METHOD										
Total Dissolved Solids	1,400		mg/L	20		2	363770	02/21/25	02/22/25	RDL

Analysis Results for 526830

Sample ID: QCFB
Lab ID: 526830-006
Collected: 02/18/25 11:51
Matrix: Water

526830-006 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	1.3	1	364348	02/27/25	02/27/25	ZST
Freon 12	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Chloromethane	ND		ug/L	5.0	0.4	1	364348	02/27/25	02/27/25	ZST
Vinyl Chloride	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Bromomethane	ND		ug/L	5.0	0.3	1	364348	02/27/25	02/27/25	ZST
Chloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Acetone	ND		ug/L	100	16	1	364348	02/27/25	02/27/25	ZST
Freon 113	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1-Dichloroethene	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Methylene Chloride	ND		ug/L	5.0	1.4	1	364348	02/27/25	02/27/25	ZST
MTBE	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1-Dichloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
2-Butanone	ND		ug/L	100	3.1	1	364348	02/27/25	02/27/25	ZST
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
Chloroform	0.5	J	ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Bromochloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1,1-Trichloroethane	ND		ug/L	5.0	0.06	1	364348	02/27/25	02/27/25	ZST
1,1-Dichloropropene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Benzene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
Trichloroethene	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Bromodichloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Dibromomethane	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
4-Methyl-2-Pentanone	ND		ug/L	5.0	2.3	1	364348	02/27/25	02/27/25	ZST
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Toluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Tetrachloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Dibromochloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Chlorobenzene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	ZST
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Ethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
m,p-Xylenes	ND		ug/L	10	0.2	1	364348	02/27/25	02/27/25	ZST
o-Xylene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Styrene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Bromoform	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Isopropylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST

Analysis Results for 526830

526830-006 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	ZST
Propylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Bromobenzene	ND		ug/L	5.0	0.07	1	364348	02/27/25	02/27/25	ZST
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
sec-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
n-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.5	1	364348	02/27/25	02/27/25	ZST
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.08	1	364348	02/27/25	02/27/25	ZST
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
Naphthalene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	ZST
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	1	364348	02/27/25	02/27/25	ZST
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	364348	02/27/25	02/27/25	ZST
Xylene (total)	ND		ug/L	5.0		1	364348	02/27/25	02/27/25	ZST
Surrogates	Limits									
Dibromofluoromethane	109%		%REC	70-130		1	364348	02/27/25	02/27/25	ZST
1,2-Dichloroethane-d4	109%		%REC	70-130		1	364348	02/27/25	02/27/25	ZST
Toluene-d8	90%		%REC	70-130		1	364348	02/27/25	02/27/25	ZST
Bromofluorobenzene	97%		%REC	70-130		1	364348	02/27/25	02/27/25	ZST

Analysis Results for 526830

Sample ID: QCTB
Lab ID: 526830-007
Collected: 02/18/25
Matrix: Water

526830-007 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	1.3	1	364348	02/27/25	02/27/25	YAH
Freon 12	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Chloromethane	ND		ug/L	5.0	0.4	1	364348	02/27/25	02/27/25	YAH
Vinyl Chloride	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Bromomethane	ND		ug/L	5.0	0.3	1	364348	02/27/25	02/27/25	YAH
Chloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Trichlorofluoromethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Acetone	ND		ug/L	100	16	1	364348	02/27/25	02/27/25	YAH
Freon 113	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,1-Dichloroethene	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Methylene Chloride	ND		ug/L	5.0	1.4	1	364348	02/27/25	02/27/25	YAH
MTBE	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,1-Dichloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
2-Butanone	ND		ug/L	100	3.1	1	364348	02/27/25	02/27/25	YAH
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
2,2-Dichloropropane	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	YAH
Chloroform	0.6	J	ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Bromochloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,1,1-Trichloroethane	ND		ug/L	5.0	0.06	1	364348	02/27/25	02/27/25	YAH
1,1-Dichloropropene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	YAH
Carbon Tetrachloride	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,2-Dichloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Benzene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	YAH
Trichloroethene	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
1,2-Dichloropropane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Bromodichloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Dibromomethane	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	YAH
4-Methyl-2-Pentanone	ND		ug/L	5.0	2.3	1	364348	02/27/25	02/27/25	YAH
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Toluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
1,3-Dichloropropane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Tetrachloroethene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Dibromochloromethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,2-Dibromoethane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Chlorobenzene	ND		ug/L	5.0	0.09	1	364348	02/27/25	02/27/25	YAH
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Ethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
m,p-Xylenes	ND		ug/L	10	0.2	1	364348	02/27/25	02/27/25	YAH
o-Xylene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Styrene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Bromoform	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Isopropylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH

Analysis Results for 526830

526830-007 Analyte	Result	Qual	Units	RL	MDL	DF	Batch	Prepared	Analyzed	Chemist
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	1	364348	02/27/25	02/27/25	YAH
Propylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Bromobenzene	ND		ug/L	5.0	0.07	1	364348	02/27/25	02/27/25	YAH
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
2-Chlorotoluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
4-Chlorotoluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
tert-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
sec-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
n-Butylbenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.5	1	364348	02/27/25	02/27/25	YAH
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.08	1	364348	02/27/25	02/27/25	YAH
Hexachlorobutadiene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
Naphthalene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	1	364348	02/27/25	02/27/25	YAH
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	1	364348	02/27/25	02/27/25	YAH
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	1	364348	02/27/25	02/27/25	YAH
Xylene (total)	ND		ug/L	5.0		1	364348	02/27/25	02/27/25	YAH
Surrogates	Limits									
Dibromofluoromethane	108%		%REC	70-130		1	364348	02/27/25	02/27/25	YAH
1,2-Dichloroethane-d4	108%		%REC	70-130		1	364348	02/27/25	02/27/25	YAH
Toluene-d8	90%		%REC	70-130		1	364348	02/27/25	02/27/25	YAH
Bromofluorobenzene	97%		%REC	70-130		1	364348	02/27/25	02/27/25	YAH

J Estimated value
ND Not Detected

Batch QC

Type: Blank	Lab ID: QC1231069	Batch: 363553
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1231069 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Fluoride	ND		mg/L	0.20	0.073	02/19/25 15:52	02/19/25 17:10
Chloride	ND		mg/L	1.0	0.27	02/19/25 15:52	02/19/25 17:10
Bromide	ND		mg/L	0.30	0.060	02/19/25 15:52	02/19/25 17:10
Nitrogen, Nitrate	ND		mg/L	0.10	0.05	02/19/25 15:52	02/19/25 17:10
Sulfate	ND		mg/L	1.0	0.18	02/19/25 15:52	02/19/25 17:10

Type: Lab Control Sample	Lab ID: QC1231070	Batch: 363553
Matrix: Water	Method: EPA 300.0	Prep Method: METHOD

QC1231070 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Fluoride	9.514	10.00	mg/L	95%		90-110
Chloride	47.13	50.00	mg/L	94%		90-110
Bromide	14.75	15.00	mg/L	98%		90-110
Nitrogen, Nitrate	4.395	4.518	mg/L	97%		90-110
Sulfate	24.45	25.00	mg/L	98%		90-110

Type: Matrix Spike	Lab ID: QC1231071	Batch: 363553
Matrix (Source ID): Water (526689-003)	Method: EPA 300.0	Prep Method: METHOD

QC1231071 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.09	ND	20.00	mg/L	95%		80-120	1
Chloride	180.3	87.40	100.0	mg/L	93%		80-120	1
Bromide	14.35	0.1676	15.00	mg/L	95%		80-120	1
Nitrogen, Nitrate	8.991	0.3796	9.036	mg/L	95%		80-120	1
Sulfate	72.29	24.68	50.00	mg/L	95%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1231072	Batch: 363553
Matrix (Source ID): Water (526689-003)	Method: EPA 300.0	Prep Method: METHOD

QC1231072 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.55	ND	20.00	mg/L	98%		80-120	2	20	1
Chloride	182.2	87.40	100.0	mg/L	95%		80-120	1	20	1
Bromide	14.67	0.1676	15.00	mg/L	97%		80-120	2	20	1
Nitrogen, Nitrate	9.187	0.3796	9.036	mg/L	97%		80-120	2	20	1
Sulfate	73.36	24.68	50.00	mg/L	97%		80-120	1	20	1

Batch QC

Type: Matrix Spike	Lab ID: QC1231073	Batch: 363553
Matrix (Source ID): Water (526748-002)	Method: EPA 300.0	Prep Method: METHOD

QC1231073 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Fluoride	19.78	0.2622	20.00	mg/L	98%		80-120	1
Chloride	175.0	78.69	100.0	mg/L	96%		80-120	1
Bromide	11.78	0.3196	15.00	mg/L	76%	*	80-120	1
Nitrogen, Nitrate	8.179	ND	9.036	mg/L	91%		80-120	1
Sulfate	49.72	0.7373	50.00	mg/L	98%		80-120	1

Type: Matrix Spike Duplicate	Lab ID: QC1231074	Batch: 363553
Matrix (Source ID): Water (526748-002)	Method: EPA 300.0	Prep Method: METHOD

QC1231074 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Fluoride	19.61	0.2622	20.00	mg/L	97%		80-120	1	20	1
Chloride	174.2	78.69	100.0	mg/L	96%		80-120	0	20	1
Bromide	11.64	0.3196	15.00	mg/L	75%	*	80-120	1	20	1
Nitrogen, Nitrate	8.103	ND	9.036	mg/L	90%		80-120	1	20	1
Sulfate	49.27	0.7373	50.00	mg/L	97%		80-120	1	20	1

Type: Lab Control Sample	Lab ID: QC1234307	Batch: 364582
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1234307 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Ammonia-N	0.9994	1.000	mg/L	100%		90-110

Type: Blank	Lab ID: QC1234308	Batch: 364582
Matrix: Water	Method: EPA 350.1	Prep Method: METHOD

QC1234308 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Ammonia-N	ND		mg/L	0.10	0.050	03/01/25	03/03/25

Type: Matrix Spike	Lab ID: QC1234534	Batch: 364582
Matrix (Source ID): Water (526830-001)	Method: EPA 350.1	Prep Method: METHOD

QC1234534 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.074	0.1107	1.000	mg/L	96%		90-110	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1234535	Batch: 364582
Matrix (Source ID): Water (526830-001)	Method: EPA 350.1	Prep Method: METHOD

QC1234535 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.157	0.1107	1.000	mg/L	105%		90-110	7	20	1

Type: Matrix Spike	Lab ID: QC1234536	Batch: 364582
Matrix (Source ID): Water (526830-002)	Method: EPA 350.1	Prep Method: METHOD

QC1234536 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Ammonia-N	1.049	0.1542	1.000	mg/L	90%		90-110	1

Type: Matrix Spike Duplicate	Lab ID: QC1234537	Batch: 364582
Matrix (Source ID): Water (526830-002)	Method: EPA 350.1	Prep Method: METHOD

QC1234537 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Ammonia-N	1.053	0.1542	1.000	mg/L	90%		90-110	0	20	1

Type: Blank	Lab ID: QC1231444	Batch: 363668
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1231444 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Chemical Oxygen Demand	ND		mg/L	4.0	1.6	02/20/25	02/20/25

Type: Lab Control Sample	Lab ID: QC1231445	Batch: 363668
Matrix: Water	Method: EPA 410.4	Prep Method: METHOD

QC1231445 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Chemical Oxygen Demand	102.0	100.0	mg/L	102%		90-110

Type: Matrix Spike	Lab ID: QC1231446	Batch: 363668
Matrix (Source ID): Water (526694-001)	Method: EPA 410.4	Prep Method: METHOD

QC1231446 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	118.0	3.000	100.0	mg/L	115%		75-125	2

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1231447	Batch: 363668
Matrix (Source ID): Water (526694-001)	Method: EPA 410.4	Prep Method: METHOD

QC1231447 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	120.0	3.000	100.0	mg/L	117%		75-125	2	20	2

Type: Matrix Spike	Lab ID: QC1231448	Batch: 363668
Matrix (Source ID): Water (526694-002)	Method: EPA 410.4	Prep Method: METHOD

QC1231448 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Chemical Oxygen Demand	118.0	8.000	100.0	mg/L	110%		75-125	2

Type: Matrix Spike Duplicate	Lab ID: QC1231449	Batch: 363668
Matrix (Source ID): Water (526694-002)	Method: EPA 410.4	Prep Method: METHOD

QC1231449 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	Lim	DF
Chemical Oxygen Demand	112.0	8.000	100.0	mg/L	104%		75-125	5	20	2

Type: Blank	Lab ID: QC1231112	Batch: 363569
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1231112 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Boron	ND		mg/L	0.050	0.0055	02/19/25	02/19/25
Calcium	ND		mg/L	0.57	0.57	02/19/25	02/19/25
Iron	ND		mg/L	0.046	0.046	02/19/25	02/19/25
Magnesium	ND		mg/L	0.10	0.025	02/19/25	02/19/25
Manganese	ND		mg/L	0.010	0.0029	02/19/25	02/19/25
Potassium	ND		mg/L	0.50	0.40	02/19/25	02/19/25
Sodium	ND		mg/L	0.50	0.35	02/19/25	02/19/25

Type: Lab Control Sample	Lab ID: QC1231113	Batch: 363569
Matrix: Water	Method: EPA 6010B	Prep Method: EPA 3015A

QC1231113 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Boron	0.3284	0.4000	mg/L	82%		80-120
Calcium	17.58	20.40	mg/L	86%		80-120
Iron	0.4197	0.4000	mg/L	105%		80-120
Magnesium	17.26	20.40	mg/L	85%		80-120
Manganese	0.3385	0.4000	mg/L	85%		80-120
Potassium	19.70	24.00	mg/L	82%		80-120
Sodium	17.13	20.40	mg/L	84%		80-120

Batch QC

Type: Matrix Spike	Lab ID: QC1231114	Batch: 363569
Matrix (Source ID): Water (526830-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1231114 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Boron	0.5325	0.1971	0.4000	mg/L	84%		75-125	1
Calcium	39.89	22.44	20.40	mg/L	86%		75-125	1
Iron	0.3450	ND	0.4000	mg/L	86%		75-125	1
Magnesium	20.02	2.688	20.40	mg/L	85%		75-125	1
Manganese	0.3412	ND	0.4000	mg/L	85%		75-125	1
Potassium	22.11	1.632	24.00	mg/L	85%		75-125	1
Sodium	272.9	256.5	20.40	mg/L	80%	NM	75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1231115	Batch: 363569
Matrix (Source ID): Water (526830-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1231115 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Boron	0.5333	0.1971	0.4000	mg/L	84%		75-125	0	20	1
Calcium	39.96	22.44	20.40	mg/L	86%		75-125	0	20	1
Iron	0.3465	ND	0.4000	mg/L	87%		75-125	0	20	1
Magnesium	20.16	2.688	20.40	mg/L	86%		75-125	1	20	1
Manganese	0.3417	ND	0.4000	mg/L	85%		75-125	0	20	1
Potassium	22.25	1.632	24.00	mg/L	86%		75-125	1	20	1
Sodium	271.8	256.5	20.40	mg/L	75%	NM	75-125	0	20	1

Type: Serial Dilution	Lab ID: QC1231225	Batch: 363569
Matrix (Source ID): Water (526830-001)	Method: EPA 6010B	Prep Method: EPA 3015A

QC1231225 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Boron	0.2090	0.1971	mg/L	J			5
Calcium	23.76	22.44	mg/L				5
Iron	ND	ND	mg/L				5
Magnesium	2.908	2.688	mg/L				5
Manganese	ND	ND	mg/L				5
Potassium	ND	1.632	mg/L				5
Sodium	274.5	256.5	mg/L				5

Batch QC

Type: Matrix Spike	Lab ID: QC1233562	Batch: 364348
Matrix (Source ID): Water (526830-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1233562 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
1,1-Dichloroethene	22.19	ND	20.00	ug/L	111%		70-130	1
MTBE	23.49	ND	20.00	ug/L	117%		75-130	1
Benzene	23.49	ND	20.00	ug/L	117%		70-130	1
Trichloroethene	20.23	ND	20.00	ug/L	101%		63-130	1
Toluene	18.95	ND	20.00	ug/L	95%		70-130	1
Chlorobenzene	19.10	ND	20.00	ug/L	95%		70-130	1
Surrogates								
Dibromofluoromethane	51.16		50.00	ug/L	102%		70-130	1
1,2-Dichloroethane-d4	49.76		50.00	ug/L	100%		70-130	1
Toluene-d8	45.18		50.00	ug/L	90%		70-130	1
Bromofluorobenzene	48.97		50.00	ug/L	98%		70-130	1

Type: Matrix Spike Duplicate	Lab ID: QC1233563	Batch: 364348
Matrix (Source ID): Water (526830-001)	Method: EPA 8260B	Prep Method: EPA 5030B

QC1233563 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
1,1-Dichloroethene	23.29	ND	20.00	ug/L	116%		70-130	5	30	1
MTBE	25.03	ND	20.00	ug/L	125%		75-130	6	30	1
Benzene	25.07	ND	20.00	ug/L	125%		70-130	7	30	1
Trichloroethene	21.70	ND	20.00	ug/L	109%		63-130	7	30	1
Toluene	19.98	ND	20.00	ug/L	100%		70-130	5	30	1
Chlorobenzene	20.42	ND	20.00	ug/L	102%		70-130	7	30	1
Surrogates										
Dibromofluoromethane	51.51		50.00	ug/L	103%		70-130			1
1,2-Dichloroethane-d4	50.10		50.00	ug/L	100%		70-130			1
Toluene-d8	45.08		50.00	ug/L	90%		70-130			1
Bromofluorobenzene	48.91		50.00	ug/L	98%		70-130			1

Batch QC

Type: Blank	Lab ID: QC1233564	Batch: 364348
Matrix: Water	Method: EPA 8260B	Prep Method: EPA 5030B

QC1233564 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
3-Chloropropene	ND		ug/L	5.0	1.3	02/27/25	02/27/25
Freon 12	ND		ug/L	5.0	0.2	02/27/25	02/27/25
Chloromethane	ND		ug/L	5.0	0.4	02/27/25	02/27/25
Vinyl Chloride	ND		ug/L	5.0	0.2	02/27/25	02/27/25
Bromomethane	ND		ug/L	5.0	0.3	02/27/25	02/27/25
Chloroethane	ND		ug/L	5.0	0.2	02/27/25	02/27/25
Trichlorofluoromethane	ND		ug/L	5.0	0.2	02/27/25	02/27/25
Acetone	ND		ug/L	100	16	02/27/25	02/27/25
Freon 113	ND		ug/L	5.0	0.1	02/27/25	02/27/25
1,1-Dichloroethene	ND		ug/L	5.0	0.2	02/27/25	02/27/25
Methylene Chloride	ND		ug/L	5.0	1.4	02/27/25	02/27/25
MTBE	ND		ug/L	5.0	0.2	02/27/25	02/27/25
trans-1,2-Dichloroethene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
1,1-Dichloroethane	ND		ug/L	5.0	0.2	02/27/25	02/27/25
2-Butanone	ND		ug/L	100	3.1	02/27/25	02/27/25
cis-1,2-Dichloroethene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
2,2-Dichloropropane	ND		ug/L	5.0	0.09	02/27/25	02/27/25
Chloroform	ND		ug/L	5.0	0.2	02/27/25	02/27/25
Bromochloromethane	ND		ug/L	5.0	0.1	02/27/25	02/27/25
1,1,1-Trichloroethane	ND		ug/L	5.0	0.06	02/27/25	02/27/25
1,1-Dichloropropene	ND		ug/L	5.0	0.09	02/27/25	02/27/25
Carbon Tetrachloride	ND		ug/L	5.0	0.1	02/27/25	02/27/25
1,2-Dichloroethane	ND		ug/L	5.0	0.1	02/27/25	02/27/25
Benzene	ND		ug/L	5.0	0.09	02/27/25	02/27/25
Trichloroethene	ND		ug/L	5.0	0.2	02/27/25	02/27/25
1,2-Dichloropropane	ND		ug/L	5.0	0.1	02/27/25	02/27/25
Bromodichloromethane	ND		ug/L	5.0	0.1	02/27/25	02/27/25
Dibromomethane	ND		ug/L	5.0	0.09	02/27/25	02/27/25
4-Methyl-2-Pentanone	ND		ug/L	5.0	2.3	02/27/25	02/27/25
cis-1,3-Dichloropropene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
Toluene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
trans-1,3-Dichloropropene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
1,1,2-Trichloroethane	ND		ug/L	5.0	0.2	02/27/25	02/27/25
1,3-Dichloropropane	ND		ug/L	5.0	0.2	02/27/25	02/27/25
Tetrachloroethene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
Dibromochloromethane	ND		ug/L	5.0	0.1	02/27/25	02/27/25
1,2-Dibromoethane	ND		ug/L	5.0	0.2	02/27/25	02/27/25
Chlorobenzene	ND		ug/L	5.0	0.09	02/27/25	02/27/25
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	0.1	02/27/25	02/27/25
Ethylbenzene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
m,p-Xylenes	ND		ug/L	10	0.2	02/27/25	02/27/25
o-Xylene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
Styrene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
Bromoform	ND		ug/L	5.0	0.1	02/27/25	02/27/25
Isopropylbenzene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	0.1	02/27/25	02/27/25
1,2,3-Trichloropropane	ND		ug/L	5.0	0.2	02/27/25	02/27/25

Batch QC

QC1233564 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Propylbenzene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
Bromobenzene	ND		ug/L	5.0	0.07	02/27/25	02/27/25
1,3,5-Trimethylbenzene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
2-Chlorotoluene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
4-Chlorotoluene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
tert-Butylbenzene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
1,2,4-Trimethylbenzene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
sec-Butylbenzene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
para-Isopropyl Toluene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
1,3-Dichlorobenzene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
1,4-Dichlorobenzene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
n-Butylbenzene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
1,2-Dichlorobenzene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
1,2-Dibromo-3-Chloropropane	ND		ug/L	5.0	0.5	02/27/25	02/27/25
1,2,4-Trichlorobenzene	ND		ug/L	5.0	0.08	02/27/25	02/27/25
Hexachlorobutadiene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
Naphthalene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
1,2,3-Trichlorobenzene	ND		ug/L	5.0	0.1	02/27/25	02/27/25
cis-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.5	02/27/25	02/27/25
trans-1,4-Dichloro-2-butene	ND		ug/L	5.0	0.4	02/27/25	02/27/25
Xylene (total)	ND		ug/L	5.0		02/27/25	02/27/25
Surrogates				Limits			
Dibromofluoromethane	109%		%REC	70-130		02/27/25	02/27/25
1,2-Dichloroethane-d4	109%		%REC	70-130		02/27/25	02/27/25
Toluene-d8	89%		%REC	70-130		02/27/25	02/27/25
Bromofluorobenzene	97%		%REC	70-130		02/27/25	02/27/25

Type: Lab Control Sample
Matrix: Water

Lab ID: QC1233790
Method: EPA 8260B

Batch: 364348
Prep Method: EPA 5030B

QC1233790 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,1-Dichloroethene	50.09	50.00	ug/L	100%		70-135
MTBE	55.06	50.00	ug/L	110%		70-130
Benzene	51.91	50.00	ug/L	104%		70-130
Trichloroethene	44.55	50.00	ug/L	89%		70-130
Toluene	42.96	50.00	ug/L	86%		70-130
Chlorobenzene	42.84	50.00	ug/L	86%		70-130
Surrogates						
Dibromofluoromethane	50.61	50.00	ug/L	101%		70-130
1,2-Dichloroethane-d4	49.22	50.00	ug/L	98%		70-130
Toluene-d8	45.65	50.00	ug/L	91%		70-130
Bromofluorobenzene	50.86	50.00	ug/L	102%		70-130

Batch QC

Type: Blank	Lab ID: QC1232064	Batch: 363843
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1232064 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
1,4-Dioxane	ND		ug/L	1.0	0.95	02/21/25	02/22/25
Surrogates				Limits			
1,4-Dioxane-d8 (SUR)	96%		%REC	80-120		02/21/25	02/22/25

Type: Lab Control Sample	Lab ID: QC1232065	Batch: 363843
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1232065 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
1,4-Dioxane	8.625	10.00	ug/L	86%		80-120
Surrogates						
1,4-Dioxane-d8 (SUR)	10.01	10.00	ug/L	100%		80-120

Type: Lab Control Sample Duplicate	Lab ID: QC1232066	Batch: 363843
Matrix: Water	Method: EPA 8270C-SIM	Prep Method: EPA 3535

QC1232066 Analyte	Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim
1,4-Dioxane	8.734	10.00	ug/L	87%		80-120	1	20
Surrogates								
1,4-Dioxane-d8 (SUR)	10.28	10.00	ug/L	103%		80-120		

Type: Blank	Lab ID: QC1231292	Batch: 363624
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1231292 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Sulfide	ND		mg/L	0.10		02/20/25	02/20/25

Type: Lab Control Sample	Lab ID: QC1231293	Batch: 363624
Matrix: Water	Method: SM 4500-S2-D	Prep Method: METHOD

QC1231293 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Sulfide	0.9000	1.000	mg/L	90%		90-110

Type: Matrix Spike	Lab ID: QC1231294	Batch: 363624
Matrix (Source ID): Drinking Water (526290-002)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1231294 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	1

Batch QC

Type: Matrix Spike Duplicate	Lab ID: QC1231821	Batch: 363624
Matrix (Source ID): Drinking Water (526290-002)	Method: SM 4500-S2-D	Prep Method: METHOD

QC1231821 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Sulfide	0.9000	ND	1.000	mg/L	90%		80-120	0	20	1

Type: Blank	Lab ID: QC1234517	Batch: 364639
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1234517 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Organic Carbon	ND		mg/L	1.0	0.68	03/01/25	03/01/25

Type: Lab Control Sample	Lab ID: QC1234518	Batch: 364639
Matrix: Water	Method: SM 5310B	Prep Method: SM 5310B

QC1234518 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Organic Carbon	24.55	25.00	mg/L	98%		85-115

Type: Matrix Spike	Lab ID: QC1234519	Batch: 364639
Matrix (Source ID): Water (526830-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1234519 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	DF
Total Organic Carbon	28.88	2.343	25.00	mg/L	106%		75-125	1

Type: Matrix Spike Duplicate	Lab ID: QC1234520	Batch: 364639
Matrix (Source ID): Water (526830-001)	Method: SM 5310B	Prep Method: SM 5310B

QC1234520 Analyte	Result	Source Sample Result	Spiked	Units	Recovery	Qual	Limits	RPD	RPD Lim	DF
Total Organic Carbon	28.43	2.343	25.00	mg/L	104%		75-125	2	25	1

Type: Blank	Lab ID: QC1232287	Batch: 363915
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1232287 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Alkalinity, Bicarbonate, as CaCO ₃	ND		mg/L	2.0		02/22/25	02/22/25
Alkalinity, Total as CaCO ₃	ND		mg/L	2.0		02/22/25	02/22/25

Type: Lab Control Sample	Lab ID: QC1232288	Batch: 363915
Matrix: Water	Method: SM2320B	Prep Method: METHOD

QC1232288 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Alkalinity, Total as CaCO ₃	930.8	1000	mg/L	93%		90-110

Batch QC

Type: Sample Duplicate	Lab ID: QC1232289	Batch: 363915
Matrix (Source ID): Water (527169-002)	Method: SM2320B	Prep Method: METHOD

QC1232289 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Alkalinity, Bicarbonate, as CaCO ₃	187.7	185.4	mg/L		1	20	2.5
Alkalinity, Total as CaCO ₃	187.7	185.4	mg/L		1	20	2.5

Type: Blank	Lab ID: QC1231819	Batch: 363770
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1231819 Analyte	Result	Qual	Units	RL	MDL	Prepared	Analyzed
Total Dissolved Solids	ND		mg/L	10		02/21/25	02/22/25

Type: Lab Control Sample	Lab ID: QC1231820	Batch: 363770
Matrix: Water	Method: SM2540C	Prep Method: METHOD

QC1231820 Analyte	Result	Spiked	Units	Recovery	Qual	Limits
Total Dissolved Solids	1,002	1000	mg/L	100%		90-110

Type: Sample Duplicate	Lab ID: QC1231823	Batch: 363770
Matrix (Source ID): Water (526843-003)	Method: SM2540C	Prep Method: METHOD

QC1231823 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	113.0	116.0	mg/L		3	5	1

Type: Sample Duplicate	Lab ID: QC1231841	Batch: 363770
Matrix (Source ID): Water (526494-001)	Method: SM2540C	Prep Method: METHOD

QC1231841 Analyte	Result	Source Sample Result	Units	Qual	RPD	RPD Lim	DF
Total Dissolved Solids	404.0	422.0	mg/L		4	5	2

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

Laboratory Job Number 526830

Subcontracted Products

McCampbell Analytical, Inc.



McC Campbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2502F10

Report Created for: Enthalpy Analytical

931 West Barkley Avenue
Orange, CA 92868

Project Contact: Zach Barker

Project P.O.: 079649

Project: EO-526830

Project Location:

Project Received: 02/21/2025

Analytical Report reviewed & approved for release on 02/28/2025 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: 2502F10

Project: EO-526830

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: 2502F10

Project: EO-526830

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: 02/21/2025 10:21
Date Prepared: 02/24/2025-02/25/2025
Project: EO-526830

WorkOrder: 2502F10
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-12	2502F10-001A	Water	02/18/2025 08:59	GC26 0224250305.D	312046

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	1700	100	100	2	02/24/2025 16:53

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-7	2502F10-002A	Water	02/18/2025 09:57	GC26 0224250306.D	312046

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	640	50	50	1	02/24/2025 17:21

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-18	2502F10-003A	Water	02/18/2025 11:05	GC26 0225250905.D	312166

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	4800	250	250	5	02/25/2025 13:04

Analyst(s): CLO

(Cont.)



Analytical Report

Client: Enthalpy Analytical
Date Received: 02/21/2025 10:21
Date Prepared: 02/24/2025-02/25/2025
Project: EO-526830

WorkOrder: 2502F10
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L

Dissolved Carbon Dioxide by RSK 175

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-21	2502F10-004A	Water	02/18/2025 11:48	GC26 0225250906.D	312166

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	350	50	50	1	02/25/2025 13:55

Analyst(s): CLO

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
DW-31	2502F10-005A	Water	02/18/2025 13:14	GC26 0225250908.D	312166

<u>Analytes</u>	<u>Result</u>	<u>MDL</u>	<u>RL</u>	<u>DF</u>	<u>Date Analyzed</u>
Carbon Dioxide	44,000	2500	2500	50	02/25/2025 14:32

Analyst(s): CLO



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 02/24/2025
Date Analyzed: 02/24/2025
Instrument: GC26
Matrix: Water
Project: EO-526830

WorkOrder: 2502F10
BatchID: 312046
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-312046

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	210	187.2	98	114	70-130	14.2	30



Quality Control Report

Client: Enthalpy Analytical
Date Prepared: 02/25/2025
Date Analyzed: 02/25/2025
Instrument: GC26
Matrix: Water
Project: EO-526830

WorkOrder: 2502F10
BatchID: 312166
Extraction Method: RSK175
Analytical Method: RSK175
Unit: µg/L
Sample ID: MB/LCS/LCSD-312166

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	210	230	187.2	113	121	70-130	6.82	30

McC Campbell Analytical, Inc.

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

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2502F10 ClientCode: ENO QuoteID: 252619

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

☐ Detection Summary ☒ Excel [A1_Standard_QC]

Report to: Bill to: Requested TAT: 5 days;

Zach Barker Email: zach.barker@enthalpy.com Accounts Payable/Enthalpy SoCal
Enthalpy Analytical cc/3rd Party: Montrose Environmental Group
931 West Barkley Avenue PO: 054515 PO Box 842165 Date Received: 02/21/2025
Orange, CA 92868 Project: EO-526830 Boston, MA 02284-2165 Date Logged: 02/21/2025
(714) 771-6900 FAX: 003EL_ap@montrose-env.com

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2502F10-001	DW-12	Water	2/18/2025 08:59	☐	A	A										
2502F10-002	DW-7	Water	2/18/2025 09:57	☐	A	A										
2502F10-003	DW-18	Water	2/18/2025 11:05	☐	A	A										
2502F10-004	DW-21	Water	2/18/2025 11:48	☐	A	A										
2502F10-005	DW-31	Water	2/18/2025 13:14	☐	A	A										

Test Legend:

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

Prepared by: Gemma Gomez

Comments:

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



McC Campbell Analytical, Inc.

"When Quality Counts"

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

WORK ORDER SUMMARY

Client Name: ENTHALPY ANALYTICAL

Project: EO-526830

Work Order: 2502F10

Client Contact: Zach Barker

QC Level: LEVEL 2

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

Comments:

Date Logged: 2/21/2025

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

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry- Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	DW-12	Water	RSK175 (CO2)	3	VOA w/ HCl	☐	☐	☐	2/18/2025 8:59	5 days	2/28/2025	None	☐	☐
002A	DW-7	Water	RSK175 (CO2)	3	VOA w/ HCl	☐	☐	☐	2/18/2025 9:57	5 days	2/28/2025	None	☐	☐
003A	DW-18	Water	RSK175 (CO2)	3	VOA w/ HCl	☐	☐	☐	2/18/2025 11:05	5 days	2/28/2025	None	☐	☐
004A	DW-21	Water	RSK175 (CO2)	2	VOA w/ HCl	☐	☐	☐	2/18/2025 11:48	5 days	2/28/2025	None	☐	☐
005A	DW-31	Water	RSK175 (CO2)	3	VOA w/ HCl	☐	☐	☐	2/18/2025 13:14	5 days	2/28/2025	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.

2502F10



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-526830

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

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

Notes:

Chiquita Canyon Landfill

Sample ID	Collected	Lab ID	# Cont.	Matrix	Analysis Requested	Comment
DW-12	18-FEB-2025 08:59	526830-001	3*	Water	RSK-175 CO2	
DW-7	18-FEB-2025 09:57	526830-002	3*	Water	RSK-175 CO2	
DW-18	18-FEB-2025 11:05	526830-003	3*	Water	RSK-175 CO2	
DW-21	18-FEB-2025 11:48	526830-004	3*	Water	RSK-175 CO2	
DW-31	18-FEB-2025 13:14	526830-005	3*	Water	RSK-175 CO2	

Notes:	Relinquished By:	Received By:
	<i>A. Quintana EA-ORA</i>	<i>df</i>
	Date: <i>2/20/25 1810</i>	Date: <i>2/21/25 10:21</i>
	Date:	Date:
	Date:	Date:

*One VOA came in
empty - g.g*



Sample Receipt Checklist

Client Name: Enthalpy Analytical
Project: EO-526830

Date and Time Received: 2/21/2025 10:21

Date Logged: 2/21/2025

Received by: Gemma Gomez

Logged by: Gemma Gomez

WorkOrder No: 2502F10 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: 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
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	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.

SAMPLE RECEIPT CHECKLIST



Section 1: General Info

Date Received: 3/12/25 WO# _____ Client: Chiquita Canyon landfill

Section 2: Shipping / Custody

Are custody seals present? ☐ Yes ☒ No

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

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

Section 3a: Condition / Packaging

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

Date Opened 3/12/25 By (initials) AXT Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None

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

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

If no cooler: Observed/Adjusted Temp (°C): _____ / _____ Thermometer/IR Gun: 1R03 CF: +0.7°C

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

Section 3b: Microbiology Samples

☒ No microbiology samples submitted (skip 3b)

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

☐ Adequate headspace for microbiology analysis.

Section 3c: Air Samples

☒ No air samples submitted (skip 3c)

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

Section 4: Containers / Labels / Samples

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

Section 5: Explanations / Comments

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

☐ No additional discrepancies

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

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

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
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Surrogates

Limits

1,4-Dioxane-d8 (SUR)	98%		%REC	80-120		1	365879	03/13/25	03/15/25	ZFA
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Method: SM 4500-S2-D

Prep Method: METHOD

Sulfide	ND		mg/L	0.10		1	366053	03/15/25	03/15/25	DXA
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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
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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
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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

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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
5	
9	

2	RSK175_CO2_W
6	
10	

3	
7	
11	

4	
8	
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>J. Dominguez EA-ORA</i>	<i>JLB</i>
	Date: <i>3/13/25 1650</i>	Date: <i>3/17/25 11:38</i>
	Date:	Date:
	Date:	Date:

1 of 1
GIS: 562757346

10.3 net
10.95 50



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: