



CERTIFICATE OF ANALYSIS

Work Order : **FC2500177**
Amendment : **1**
Client : **Regional Municipality of Wood Buffalo**
Contact : Water Treatment Plant
Address : 1 Silin Forest Road
 Fort McMurray Alberta Canada T9H 5A1
Telephone : 780-762-5863
Project : Fort Chipewyan - SC4 Raw
PO : 4500060925
C-O-C number : ----
Sampler : FH
Site : ----
Quote number : FC24-RMWB100-0005 FC SC4
No. of samples received : 1
No. of samples analysed : 1

Laboratory : ALS Environmental - Calgary
Account Manager : Megha Walia
Address : 2559 29th Street NE
 Calgary AB Canada T1Y 7B5
Telephone : +1 403 407 1800
Date Samples Received : 21-Jan-2025 15:30
Date Analysis Commenced : 22-Jan-2025
Issue Date : 31-Jan-2025 15:40

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).



Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Laboratory Department</i>
Alex Drake	Lab Analyst	Inorganics, Edmonton, Alberta
Alex Drake	Lab Analyst	Metals, Edmonton, Alberta
Amaninder Dhillon	Team Lead - Semi-Volatile Instrumentation	Organics, Waterloo, Ontario
Anthony Calero	Supervisor - Inorganic	Inorganics, Calgary, Alberta
Dan Nguyen	Team Leader - Inorganics	Metals, Edmonton, Alberta
Daniel Nguyen	Laboratory Analyst	Metals, Edmonton, Alberta
Danielle Gravel	Supervisor - Semi-Volatile Instrumentation	Organics, Waterloo, Ontario
Geoff Berg	Lab Analyst	Organics, Edmonton, Alberta
Jing Liu	Laboratory Analyst	Inorganics, Edmonton, Alberta
Kari Mulroy	Lab Supervisor - Environmental	Organics, Edmonton, Alberta
Leah Yee	Lab Assistant	Inorganics, Edmonton, Alberta
Logan Carroll	Laboratory Analyst	Inorganics, Edmonton, Alberta
Monica Ko	Lab Assistant	Inorganics, Burnaby, British Columbia
Nik Perkio	Senior Analyst	Inorganics, Waterloo, Ontario
Ping Yeung	Team Leader - Inorganics	Organics, Edmonton, Alberta
Ping Yeung	Team Leader - Inorganics	Inorganics, Edmonton, Alberta
Sanja Risticvic	Department Manager - LCMS	LCMS, Waterloo, Ontario
Sarah Birch	VOC Section Supervisor	VOC, Waterloo, Ontario
Shruti Mudliar	Lab Analyst	Inorganics, Edmonton, Alberta
Stephanie Pinheiro	Team Leader - LCMS	LCMS, Waterloo, Ontario
William Lake	Laboratory Supervisor	Microbiology, Winnipeg, Manitoba
Yan Zhang	Team Leader - Organics	Organics, Edmonton, Alberta



General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key: CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances.
LOR: Limit of Reporting (detection limit).

<i>Unit</i>	<i>Description</i>
-	no units
%	percent
CU	colour units (1 cu = 1 mg/l pt)
meq/L	milliequivalents per litre
mg/L	milligrams per litre
pH units	pH units
psu	practical salinity units
µg/L	micrograms per litre
µS/cm	microsiemens per centimetre

<: less than.

>: greater than.

Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Qualifiers

<i>Qualifier</i>	<i>Description</i>
DLI	Detection Limit Raised: Dilution required to address Internal Standard response problems caused by matrix interference.





Analytical Results

Sub-Matrix: Water (Matrix: Water)					Client sample ID	FCWTP-Raw Water Chamber	----	----	----	----
					Client sampling date / time	21-Jan-2025 08:00	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2500177-001	----	----	----	----	
					Result	----	----	----	----	
Physical Tests										
Alkalinity, bicarbonate (as HCO3)	71-52-3	E290/EO	1.0	mg/L	39.9	----	----	----	----	
Alkalinity, carbonate (as CO3)	3812-32-6	E290/EO	1.0	mg/L	<1.0	----	----	----	----	
Alkalinity, hydroxide (as OH)	14280-30-9	E290/EO	1.0	mg/L	<1.0	----	----	----	----	
Alkalinity, total (as CaCO3)	----	E290/EO	1.0	mg/L	32.7	----	----	----	----	
Colour, true	----	E329-L/EO	2.0	CU	10.1	----	----	----	----	
Conductivity	----	E100/EO	1.0	µS/cm	89.7	----	----	----	----	
Hardness (as CaCO3), from total Ca/Mg	----	EC100A/EO	0.50	mg/L	32.9	----	----	----	----	
pH	----	E108/EO	0.10	pH units	7.26	----	----	----	----	
Salinity	----	EC100S/VA	1.0	psu	<1.0	----	----	----	----	
Solids, total dissolved [TDS]	----	E162/EO	10	mg/L	55	----	----	----	----	
Solids, total dissolved [TDS], calculated	----	EC103/EO	1.0	mg/L	49.1	----	----	----	----	
Anions and Nutrients										
Ammonia, total (as N)	7664-41-7	E298/EO	0.0050	mg/L	0.0250	----	----	----	----	
Chloride	16887-00-6	E235.Cl/EO	0.50	mg/L	3.69	----	----	----	----	
Fluoride	16984-48-8	E235.F/EO	0.020	mg/L	0.065	----	----	----	----	
Nitrate (as N)	14797-55-8	E235.NO3/EO	0.020	mg/L	0.027	----	----	----	----	
Nitrate + Nitrite (as N)	----	EC235.N+N/E O	0.0300	mg/L	<0.0300	----	----	----	----	
Nitrite (as N)	14797-65-0	E235.NO2/EO	0.010	mg/L	<0.010	----	----	----	----	
Sulfate (as SO4)	14808-79-8	E235.SO4/EO	0.30	mg/L	4.24	----	----	----	----	
Cyanides										
Cyanide, strong acid dissociable (Total)	----	E333/WT	0.0020	mg/L	<0.0020	----	----	----	----	



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	FCWTP-Raw Water Chamber	----	----	----	----
					Client sampling date / time	21-Jan-2025 08:00	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2500177-001	----	----	----	----	
						Result	----	----	----	----
Organic / Inorganic Carbon										
Carbon, total organic [TOC]	----	E355-L/EO	0.50	mg/L	4.59	----	----	----	----	
Inorganics										
Chlorine, total	7782-50-5	E326-H/EO	0.10	mg/L	<0.10	----	----	----	----	
Chlorine, free	7782-50-5	E327-H/EO	0.10	mg/L	<0.10	----	----	----	----	
Chloramines, total (as Cl2)	----	EC326/EO	0.20	mg/L	<0.20	----	----	----	----	
Total Sulfides										
Sulfide, total (as S)	18496-25-8	E395/CG	0.0015	mg/L	<0.0015	----	----	----	----	
Sulfide, total (as H2S)	7783-06-4	E395/CG	0.0016	mg/L	<0.0016	----	----	----	----	
Ion Balance										
Anion sum	----	EC101/EO	0.10	meq/L	0.85	----	----	----	----	
Cation sum	----	EC101/EO	0.10	meq/L	0.82	----	----	----	----	
Ion balance (APHA)	----	EC101/EO	0.01	%	-1.80	----	----	----	----	
Ion balance (cations/anions)	----	EC101/EO	0.010	%	96.5	----	----	----	----	
Total Metals										
Aluminum, total	7429-90-5	E420/EO	0.0030	mg/L	0.0326	----	----	----	----	
Antimony, total	7440-36-0	E420/EO	0.00010	mg/L	<0.00010	----	----	----	----	
Arsenic, total	7440-38-2	E420/EO	0.00010	mg/L	0.00025	----	----	----	----	
Barium, total	7440-39-3	E420/EO	0.00010	mg/L	0.0166	----	----	----	----	
Beryllium, total	7440-41-7	E420/EO	0.000020	mg/L	<0.000020	----	----	----	----	
Bismuth, total	7440-69-9	E420/EO	0.000050	mg/L	<0.000050	----	----	----	----	
Boron, total	7440-42-8	E420/EO	0.010	mg/L	0.018	----	----	----	----	



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	FCWTP-Raw Water Chamber	----	----	----	----
					Client sampling date / time	21-Jan-2025 08:00	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2500177-001	----	----	----	----	
						Result	----	----	----	----
Total Metals										
Cadmium, total	7440-43-9	E420/EO	0.0000050	mg/L	<0.0000050	----	----	----	----	
Calcium, total	7440-70-2	E420/EO	0.050	mg/L	8.61	----	----	----	----	
Cesium, total	7440-46-2	E420/EO	0.000010	mg/L	<0.000010	----	----	----	----	
Chromium, total	7440-47-3	E420/EO	0.00050	mg/L	<0.00050	----	----	----	----	
Cobalt, total	7440-48-4	E420/EO	0.00010	mg/L	<0.00010	----	----	----	----	
Copper, total	7440-50-8	E420/EO	0.00050	mg/L	0.00135	----	----	----	----	
Iron, total	7439-89-6	E420/EO	0.010	mg/L	0.083	----	----	----	----	
Lead, total	7439-92-1	E420/EO	0.000050	mg/L	<0.000050	----	----	----	----	
Lithium, total	7439-93-2	E420/EO	0.0010	mg/L	0.0031	----	----	----	----	
Magnesium, total	7439-95-4	E420/EO	0.0050	mg/L	2.78	----	----	----	----	
Manganese, total	7439-96-5	E420/EO	0.00010	mg/L	0.00915	----	----	----	----	
Mercury, total	7439-97-6	E508/EO	0.0000050	mg/L	<0.0000050	----	----	----	----	
Molybdenum, total	7439-98-7	E420/EO	0.000050	mg/L	0.000205	----	----	----	----	
Nickel, total	7440-02-0	E420/EO	0.00050	mg/L	<0.00050	----	----	----	----	
Phosphorus, total	7723-14-0	E420/EO	0.050	mg/L	<0.050	----	----	----	----	
Potassium, total	7440-09-7	E420/EO	0.050	mg/L	0.939	----	----	----	----	
Rubidium, total	7440-17-7	E420/EO	0.00020	mg/L	0.00098	----	----	----	----	
Selenium, total	7782-49-2	E420/EO	0.000050	mg/L	<0.000050	----	----	----	----	
Silicon, total	7440-21-3	E420/EO	0.10	mg/L	2.17	----	----	----	----	
Silver, total	7440-22-4	E420/EO	0.000010	mg/L	<0.000010	----	----	----	----	
Sodium, total	7440-23-5	E420/EO	0.050	mg/L	3.21	----	----	----	----	



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	FCWTP-Raw Water Chamber	----	----	----	----
					Client sampling date / time	21-Jan-2025 08:00	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2500177-001	----	----	----	----	
						Result	----	----	----	----
Total Metals										
Strontium, total	7440-24-6	E420/EO	0.00020	mg/L	0.0647	----	----	----	----	
Sulfur, total	7704-34-9	E420/EO	0.50	mg/L	1.41	----	----	----	----	
Tellurium, total	13494-80-9	E420/EO	0.00020	mg/L	<0.00020	----	----	----	----	
Thallium, total	7440-28-0	E420/EO	0.000010	mg/L	<0.000010	----	----	----	----	
Thorium, total	7440-29-1	E420/EO	0.00010	mg/L	<0.00010	----	----	----	----	
Tin, total	7440-31-5	E420/EO	0.00010	mg/L	<0.00010	----	----	----	----	
Titanium, total	7440-32-6	E420/EO	0.00030	mg/L	0.00094	----	----	----	----	
Tungsten, total	7440-33-7	E420/EO	0.00010	mg/L	<0.00010	----	----	----	----	
Uranium, total	7440-61-1	E420/EO	0.000010	mg/L	0.000068	----	----	----	----	
Vanadium, total	7440-62-2	E420/EO	0.00050	mg/L	<0.00050	----	----	----	----	
Zinc, total	7440-66-6	E420/EO	0.0030	mg/L	<0.0030	----	----	----	----	
Zirconium, total	7440-67-7	E420/EO	0.00020	mg/L	<0.00020	----	----	----	----	
Dissolved Metals										
Aluminum, dissolved	7429-90-5	E421/EO	0.0010	mg/L	0.0323	----	----	----	----	
Antimony, dissolved	7440-36-0	E421/EO	0.00010	mg/L	<0.00010	----	----	----	----	
Arsenic, dissolved	7440-38-2	E421/EO	0.00010	mg/L	0.00020	----	----	----	----	
Barium, dissolved	7440-39-3	E421/EO	0.00010	mg/L	0.0165	----	----	----	----	
Beryllium, dissolved	7440-41-7	E421/EO	0.000020	mg/L	<0.000020	----	----	----	----	
Bismuth, dissolved	7440-69-9	E421/EO	0.000050	mg/L	<0.000050	----	----	----	----	
Boron, dissolved	7440-42-8	E421/EO	0.010	mg/L	0.016	----	----	----	----	
Cadmium, dissolved	7440-43-9	E421/EO	0.0000050	mg/L	<0.0000050	----	----	----	----	



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	FCWTP-Raw Water Chamber	----	----	----	----
					Client sampling date / time	21-Jan-2025 08:00	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2500177-001	----	----	----	----	
						Result	----	----	----	----
Dissolved Metals										
Calcium, dissolved	7440-70-2	E421/EO	0.050	mg/L	8.74	----	----	----	----	
Cesium, dissolved	7440-46-2	E421/EO	0.000010	mg/L	<0.000010	----	----	----	----	
Chromium, dissolved	7440-47-3	E421/EO	0.00050	mg/L	<0.00050	----	----	----	----	
Cobalt, dissolved	7440-48-4	E421/EO	0.00010	mg/L	<0.00010	----	----	----	----	
Copper, dissolved	7440-50-8	E421/EO	0.00020	mg/L	0.00128	----	----	----	----	
Iron, dissolved	7439-89-6	E421/EO	0.010	mg/L	0.074	----	----	----	----	
Lead, dissolved	7439-92-1	E421/EO	0.000050	mg/L	<0.000050	----	----	----	----	
Lithium, dissolved	7439-93-2	E421/EO	0.0010	mg/L	0.0030	----	----	----	----	
Magnesium, dissolved	7439-95-4	E421/EO	0.0050	mg/L	2.73	----	----	----	----	
Manganese, dissolved	7439-96-5	E421/EO	0.00010	mg/L	0.00928	----	----	----	----	
Molybdenum, dissolved	7439-98-7	E421/EO	0.000050	mg/L	0.000209	----	----	----	----	
Nickel, dissolved	7440-02-0	E421/EO	0.00050	mg/L	<0.00050	----	----	----	----	
Phosphorus, dissolved	7723-14-0	E421/EO	0.050	mg/L	<0.050	----	----	----	----	
Potassium, dissolved	7440-09-7	E421/EO	0.050	mg/L	0.933	----	----	----	----	
Rubidium, dissolved	7440-17-7	E421/EO	0.00020	mg/L	0.00099	----	----	----	----	
Selenium, dissolved	7782-49-2	E421/EO	0.000050	mg/L	<0.000050	----	----	----	----	
Silicon, dissolved	7440-21-3	E421/EO	0.050	mg/L	2.14	----	----	----	----	
Silver, dissolved	7440-22-4	E421/EO	0.000010	mg/L	<0.000010	----	----	----	----	
Sodium, dissolved	7440-23-5	E421/EO	0.050	mg/L	3.03	----	----	----	----	
Strontium, dissolved	7440-24-6	E421/EO	0.00020	mg/L	0.0643	----	----	----	----	
Sulfur, dissolved	7704-34-9	E421/EO	0.50	mg/L	1.51	----	----	----	----	



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	FCWTP-Raw Water Chamber	----	----	----	----
					Client sampling date / time	21-Jan-2025 08:00	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2500177-001	----	----	----	----	
						Result	----	----	----	----
Dissolved Metals										
Tellurium, dissolved	13494-80-9	E421/EO	0.00020	mg/L	<0.00020	----	----	----	----	
Thallium, dissolved	7440-28-0	E421/EO	0.000010	mg/L	<0.000010	----	----	----	----	
Thorium, dissolved	7440-29-1	E421/EO	0.00010	mg/L	<0.00010	----	----	----	----	
Tin, dissolved	7440-31-5	E421/EO	0.00010	mg/L	<0.00010	----	----	----	----	
Titanium, dissolved	7440-32-6	E421/EO	0.00030	mg/L	0.00078	----	----	----	----	
Tungsten, dissolved	7440-33-7	E421/EO	0.00010	mg/L	<0.00010	----	----	----	----	
Uranium, dissolved	7440-61-1	E421/EO	0.000010	mg/L	0.000070	----	----	----	----	
Vanadium, dissolved	7440-62-2	E421/EO	0.00050	mg/L	<0.00050	----	----	----	----	
Zinc, dissolved	7440-66-6	E421/EO	0.0010	mg/L	<0.0010	----	----	----	----	
Zirconium, dissolved	7440-67-7	E421/EO	0.00020	mg/L	<0.00020	----	----	----	----	
Dissolved metals filtration location	----	EP421/EO	-	-	Field	----	----	----	----	
Aggregate Organics										
Naphthenic acids	----	E565/EO	1.0	mg/L	<1.0	----	----	----	----	
Nitritotriacetic acid [NTA]	139-13-9	E394/WT	0.40	mg/L	<0.40	----	----	----	----	
Volatile Organic Compounds										
Benzene	71-43-2	E611E/EO	0.50	µg/L	<0.50	----	----	----	----	
Carbon tetrachloride	56-23-5	E611E/EO	0.50	µg/L	<0.50	----	----	----	----	
Chlorobenzene	108-90-7	E611E/EO	1.0	µg/L	<1.0	----	----	----	----	
Dichlorobenzene, 1,2-	95-50-1	E611E/EO	0.50	µg/L	<0.50	----	----	----	----	
Dichlorobenzene, 1,4-	106-46-7	E611E/EO	1.0	µg/L	<1.0	----	----	----	----	
Dichloroethane, 1,2-	107-06-2	E611E/EO	1.0	µg/L	<1.0	----	----	----	----	



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	FCWTP-Raw Water Chamber	----	----	----	----
					Client sampling date / time	21-Jan-2025 08:00	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2500177-001	----	----	----	----	
						Result	----	----	----	----
Volatile Organic Compounds										
Dichloromethane	75-09-2	E611E/EO	1.0	µg/L	<1.0	----	----	----	----	
Dioxane, 1,4-	123-91-1	E611I/WT	20	µg/L	<20	----	----	----	----	
Ethylbenzene	100-41-4	E611E/EO	0.50	µg/L	<0.50	----	----	----	----	
Tetrachloroethylene	127-18-4	E611E/EO	1.0	µg/L	<1.0	----	----	----	----	
Toluene	108-88-3	E611E/EO	0.50	µg/L	<0.50	----	----	----	----	
Trichloroethylene	79-01-6	E611E/EO	1.0	µg/L	<1.0	----	----	----	----	
Vinyl chloride	75-01-4	E611E/EO	1.0	µg/L	<1.0	----	----	----	----	
Xylene, m+p-	179601-23-1	E611E/EO	0.40	µg/L	<0.40	----	----	----	----	
Xylene, o-	95-47-6	E611E/EO	0.30	µg/L	<0.30	----	----	----	----	
Xylenes, total	1330-20-7	E611E/EO	0.50	µg/L	<0.50	----	----	----	----	
Volatile Organic Compounds [Fuels]										
Benzene	71-43-2	E611A/EO	0.50	µg/L	<0.50	----	----	----	----	
Ethylbenzene	100-41-4	E611A/EO	0.50	µg/L	<0.50	----	----	----	----	
Styrene	100-42-5	E611A/EO	0.50	µg/L	<0.50	----	----	----	----	
Toluene	108-88-3	E611A/EO	0.50	µg/L	<0.50	----	----	----	----	
Xylene, m+p-	179601-23-1	E611A/EO	0.40	µg/L	<0.40	----	----	----	----	
Xylene, o-	95-47-6	E611A/EO	0.30	µg/L	<0.30	----	----	----	----	
Xylenes, total	1330-20-7	E611A/EO	0.50	µg/L	<0.50	----	----	----	----	
BTEX, total	----	E611A/EO	1.0	µg/L	<1.0	----	----	----	----	
Hydrocarbons										
F1 (C6-C10)	----	E581.F1/EO	100	µg/L	<100	----	----	----	----	



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	FCWTP-Raw Water Chamber	----	----	----	----
					Client sampling date / time	21-Jan-2025 08:00	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2500177-001	----	----	----	----	
						Result	----	----	----	----
Hydrocarbons										
F1-BTEX	----	EC580/EO	25	µg/L	<100	----	----	----	----	
F2 (C10-C16)	----	E601/EO	100	µg/L	<100	----	----	----	----	
F3 (C16-C34)	----	E601/EO	250	µg/L	<250	----	----	----	----	
F4 (C34-C50)	----	E601/EO	250	µg/L	<250	----	----	----	----	
Hydrocarbons, total (C6-C50)	n/a	EC581/EO	370	µg/L	<380	----	----	----	----	
Hydrocarbons Surrogates										
Bromobenzotrifluoride, 2- (F2-F4 surrogate)	392-83-6	E601/EO	1.0	%	105	----	----	----	----	
Dichlorotoluene, 3,4-	95-75-0	E581.F1/EO	1.0	%	104	----	----	----	----	
Volatile Organic Compounds Surrogates										
Bromofluorobenzene, 4-	460-00-4	E611E/EO	1.0	%	110	----	----	----	----	
Bromofluorobenzene, 4-	460-00-4	E611I/WT	1.0	%	92.3	----	----	----	----	
Bromofluorobenzene, 4-	460-00-4	E611A/EO	1.0	%	110	----	----	----	----	
Difluorobenzene, 1,4-	540-36-3	E611I/WT	1.0	%	99.0	----	----	----	----	
Difluorobenzene, 1,4-	540-36-3	E611E/EO	1.0	%	96.9	----	----	----	----	
Difluorobenzene, 1,4-	540-36-3	E611A/EO	1.0	%	96.9	----	----	----	----	
Polycyclic Aromatic Hydrocarbons										
Benzo(a)pyrene	50-32-8	E641A/EO	0.0050	µg/L	<0.0050	----	----	----	----	
Polycyclic Aromatic Hydrocarbons Surrogates										
Chrysene-d12	1719-03-5	E641A/EO	0.1	%	105	----	----	----	----	
Naphthalene-d8	1146-65-2	E641A/EO	0.1	%	110	----	----	----	----	
Phenanthrene-d10	1517-22-2	E641A/EO	0.1	%	89.8	----	----	----	----	



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	FCWTP-Raw Water Chamber	----	----	----	----
					Client sampling date / time	21-Jan-2025 08:00	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2500177-001	----	----	----	----	
						Result	----	----	----	----
Disinfectant By-Products										
Bromate	15541-45-4	E722A/WT	0.00030	mg/L	<0.00030	----	----	----	----	
Semi-Volatile Organics Surrogates										
Fluorobiphenyl, 2-	321-60-8	E625A/WT	1.0	%	85.7	----	----	----	----	
Nitrobenzene-d5	4165-60-0	E625A/WT	1.0	%	92.0	----	----	----	----	
Terphenyl-d14, p-	1718-51-0	E625A/WT	1.0	%	95.0	----	----	----	----	
Chlorinated Phenolics										
Dichlorophenol, 2,4-	120-83-2	E625A/WT	0.20	µg/L	<0.20	----	----	----	----	
Pentachlorophenol [PCP]	87-86-5	E625A/WT	0.50	µg/L	<0.50	----	----	----	----	
Tetrachlorophenol, 2,3,4,6-	58-90-2	E625A/WT	0.50	µg/L	<0.50	----	----	----	----	
Trichlorophenol, 2,4,6-	88-06-2	E625A/WT	0.20	µg/L	<0.20	----	----	----	----	
Phenolics Surrogates										
Tribromophenol, 2,4,6-	118-79-6	E625A/WT	0.50	%	101	----	----	----	----	
Organochlorine Pesticides Surrogates										
Decachlorobiphenyl	2051-24-3	E660F/WT	0.10	%	90.8	----	----	----	----	
Tetrachloro-m-xylene	877-09-8	E660F/WT	0.10	%	77.3	----	----	----	----	
Herbicides										
Alachlor	15972-60-8	E755/WT	0.050	µg/L	<0.050	----	----	----	----	
Atrazine	1912-24-9	E755/WT	0.050	µg/L	<0.050	----	----	----	----	
Atrazine + metabolites, total	----	E755/WT	0.45	µg/L	<0.45	----	----	----	----	
Atrazine + N-dealkylated metabolites	----	E755/WT	0.10	µg/L	<0.10	----	----	----	----	
Atrazine-desethyl	6190-65-4	E755/WT	0.025	µg/L	<0.025	----	----	----	----	



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	FCWTP-Raw Water Chamber	----	----	----	----
					Client sampling date / time	21-Jan-2025 08:00	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2500177-001	----	----	----	----	
						Result	----	----	----	----
Herbicides										
Cyanazine	21725-46-2	E755/WT	0.10	µg/L	<0.10	----	----	----	----	
Diclofop-methyl	51338-27-3	E755/WT	0.10	µg/L	<0.10	----	----	----	----	
Dinoseb	88-85-7	E706A/WT	0.050	µg/L	<0.250 ^{DLI}	----	----	----	----	
Diuron	330-54-1	E755/WT	0.050	µg/L	<0.050	----	----	----	----	
Metolachlor	51218-45-2	E755/WT	0.025	µg/L	<0.025	----	----	----	----	
Metribuzin	21087-64-9	E755/WT	0.10	µg/L	<0.10	----	----	----	----	
Prometryn	7287-19-6	E755/WT	0.025	µg/L	<0.025	----	----	----	----	
Simazine	122-34-9	E755/WT	0.10	µg/L	<0.10	----	----	----	----	
Triallate	2303-17-5	E755/WT	0.10	µg/L	<0.10	----	----	----	----	
Trifluralin	1582-09-8	E756/WT	0.10	µg/L	<0.10	----	----	----	----	
Herbicides Surrogates										
Dichlorophenylacetic acid, 2,4-	19719-28-9	E706A/WT	1.0	%	61.9	----	----	----	----	
Insecticides										
Aldicarb	116-06-3	E755/WT	0.10	µg/L	<0.10	----	----	----	----	
Azinphos-methyl	86-50-0	E755/WT	0.10	µg/L	<0.10	----	----	----	----	
Bendiocarb	22781-23-3	E755/WT	0.025	µg/L	<0.025	----	----	----	----	
Carbaryl	63-25-2	E755/WT	0.050	µg/L	<0.050	----	----	----	----	
Carbofuran	1563-66-2	E755/WT	0.025	µg/L	<0.025	----	----	----	----	
Chlorpyrifos	2921-88-2	E756/WT	0.10	µg/L	<0.10	----	----	----	----	
Diazinon	333-41-5	E755/WT	0.025	µg/L	<0.025	----	----	----	----	
Dimethoate	60-51-5	E755/WT	0.050	µg/L	<0.050	----	----	----	----	



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	FCWTP-Raw Water Chamber	----	----	----	----
					Client sampling date / time	21-Jan-2025 08:00	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2500177-001	----	----	----	----	
						Result	----	----	----	----
Insecticides										
Malathion	121-75-5	E755/WT	0.025	µg/L	<0.025	----	----	----	----	
Parathion	56-38-2	E756/WT	0.10	µg/L	<0.10	----	----	----	----	
Phorate	298-02-2	E755/WT	0.25	µg/L	<0.25	----	----	----	----	
Temephos	3383-96-8	E755/WT	0.25	µg/L	<0.25	----	----	----	----	
Terbufos	13071-79-9	E755/WT	0.50	µg/L	<0.50	----	----	----	----	
Pesticides										
Acetic acid, 2-methyl-4-chlorophenoxy- [MCPA]	94-74-6	E706A/WT	0.050	µg/L	<0.250 ^{DLI}	----	----	----	----	
Aldrin	309-00-2	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----	
Aldrin + Dieldrin	----	E660F/WT	0.011	µg/L	<0.011	----	----	----	----	
Bromoxynil	1689-84-5	E706A/WT	0.050	µg/L	<0.250 ^{DLI}	----	----	----	----	
Chlordane, cis- (alpha)	5103-71-9	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----	
Chlordane, total	57-74-9	E660F/WT	0.011	µg/L	<0.011	----	----	----	----	
Chlordane, trans- (gamma)	5103-74-2	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----	
DDD, 2,4'-	53-19-0	E660F/WT	0.0040	µg/L	<0.0040	----	----	----	----	
DDD, 4,4'-	72-54-8	E660F/WT	0.0040	µg/L	<0.0040	----	----	----	----	
DDD, total	----	E660F/WT	0.0060	µg/L	<0.0060	----	----	----	----	
DDE, 2,4'-	3424-82-6	E660F/WT	0.0040	µg/L	<0.0040	----	----	----	----	
DDE, 4,4'-	72-55-9	E660F/WT	0.0040	µg/L	<0.0040	----	----	----	----	
DDE, total	----	E660F/WT	0.0060	µg/L	<0.0060	----	----	----	----	
DDT + metabolites, total	----	E660F/WT	0.010	µg/L	<0.010	----	----	----	----	
DDT, 2,4'-	789-02-6	E660F/WT	0.0040	µg/L	<0.0040	----	----	----	----	



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	FCWTP-Raw Water Chamber	----	----	----	----
					Client sampling date / time	21-Jan-2025 08:00	----	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2500177-001	----	----	----	----	
						Result	----	----	----	----
Pesticides										
DDT, 4,4'-	50-29-3	E660F/WT	0.0040	µg/L	<0.0040	----	----	----	----	
DDT, total	----	E660F/WT	0.0060	µg/L	<0.0060	----	----	----	----	
Dicamba	1918-00-9	E706A/WT	0.10	µg/L	<0.50 ^{DLI}	----	----	----	----	
Dichlorophenoxyacetic acid, 2,4- [2,4-D]	94-75-7	E706A/WT	0.050	µg/L	<0.250 ^{DLI}	----	----	----	----	
Dieldrin	60-57-1	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----	
Diquat (ion)	2764-72-9	E723A/WT	1.0	µg/L	<1.0	----	----	----	----	
Glyphosate	1071-83-6	E716A/WT	0.20	µg/L	<0.20	----	----	----	----	
Heptachlor	76-44-8	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----	
Heptachlor + Heptachlor epoxide	n/a	E660F/WT	0.011	µg/L	<0.011	----	----	----	----	
Heptachlor epoxide	1024-57-3	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----	
Hexachlorocyclohexane, gamma-	58-89-9	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----	
Methoxychlor	72-43-5	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----	
Oxychlorane	27304-13-8	E660F/WT	0.0080	µg/L	<0.0080	----	----	----	----	
Paraquat (as dichloride)	1910-42-5	E723A/WT	1.0	µg/L	<1.0	----	----	----	----	
Picloram	1918-02-1	E706A/WT	0.10	µg/L	<0.50 ^{DLI}	----	----	----	----	
Trichlorophenoxyacetic acid, 2,4,5- [2,4,5-T]	93-76-5	E706A/WT	0.050	µg/L	<0.250 ^{DLI}	----	----	----	----	
Organic Parameters										
Microcystin	101043-37-2	E576/WP	0.15	µg/L	<0.15	----	----	----	----	

Please refer to the General Comments section for an explanation of any result qualifiers detected.

CERTIFICATE OF ANALYSIS

Work Order	: FC2500177	Page	: 1 of 8
Amendment	: 1		
Client	: Regional Municipality of Wood Buffalo	Laboratory	: ALS Environmental - Fort McMurray
Contact	: Water Treatment Plant	Account Manager	: Megha Walia
Address	: 1 Silin Forest Road Fort McMurray AB Canada T9H 5A1	Address	: #4, 340 Macalpine Crescent Fort McMurray AB Canada T9H 4A8
Telephone	: 780-762-5863	Telephone	: +1 780 791 1524
Project	: Fort Chipewyan - SC4 Raw	Date Samples Received	: 21-Jan-2025 15:30
PO	: 4500060925	Date Analysis	: 22-Jan-2025
		Commenced	
		Issue Date	: 31-Jan-2025 15:40
C-O-C number	: ----		
Sampler	: FH		
Site	: ----		
Quote number	: FC24-RMWB100-0005 FC SC4		
No. of samples received	: 1		
No. of samples analysed	: 1		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Laboratory Department</i>
Alex Drake	Lab Analyst	Inorganics, Edmonton, Alberta
Alex Drake	Lab Analyst	Metals, Edmonton, Alberta
Amaninder Dhillon	Team Lead - Semi-Volatile Instrumentation	Organics, Waterloo, Ontario
Anthony Calero	Supervisor - Inorganic	Inorganics, Calgary, Alberta
Dan Nguyen	Team Leader - Inorganics	Metals, Edmonton, Alberta
Daniel Nguyen	Laboratory Analyst	Metals, Edmonton, Alberta
Danielle Gravel	Supervisor - Semi-Volatile Instrumentation	Organics, Waterloo, Ontario
Geoff Berg	Lab Analyst	Organics, Edmonton, Alberta
Jing Liu	Laboratory Analyst	Inorganics, Edmonton, Alberta
Kari Mulroy	Lab Supervisor - Environmental	Organics, Edmonton, Alberta
Leah Yee	Lab Assistant	Inorganics, Edmonton, Alberta
Logan Carroll	Laboratory Analyst	Inorganics, Edmonton, Alberta
Monica Ko	Lab Assistant	Inorganics, Burnaby, British Columbia
Nik Perkio	Senior Analyst	Inorganics, Waterloo, Ontario
Ping Yeung	Team Leader - Inorganics	Inorganics, Edmonton, Alberta
Ping Yeung	Team Leader - Inorganics	Organics, Edmonton, Alberta
Sanja Risticcevic	Department Manager - LCMS	LCMS, Waterloo, Ontario
Sarah Birch	VOC Section Supervisor	VOC, Waterloo, Ontario
Shruti Mudliar	Lab Analyst	Inorganics, Edmonton, Alberta
Stephanie Pinheiro	Team Leader - LCMS	LCMS, Waterloo, Ontario
William Lake	Laboratory Supervisor	Microbiology, Winnipeg, Manitoba
Yan Zhang	Team Leader - Organics	Organics, Edmonton, Alberta



General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key : CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances

LOR: Limit of Reporting (detection limit).

Measurement Uncertainty: The reported uncertainties in this report are expanded uncertainties calculated using a coverage factor of 2, which gives a level of confidence of approximately 95%.

Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

<i>Unit</i>	<i>Description</i>
-	no units
%	percent
µg/L	micrograms per litre
µS/cm	microsiemens per centimetre
CU	colour units (1 cu = 1 mg/l pt)
meq/L	milliequivalents per litre
mg/L	milligrams per litre
pH units	pH units
psu	practical salinity units

>: greater than.

<: less than.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Qualifiers

<i>Qualifier</i>	<i>Description</i>
<i>DLI</i>	<i>Detection Limit Raised: Dilution required to address Internal Standard response problems caused by matrix interference.</i>



Analytical Results

FC2500177-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: FCWTP-Raw Water Chamber

Client sampling date / time: 21-Jan-2025 08:00

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QC/Lot
Physical Tests								
Alkalinity, bicarbonate (as HCO ₃)	71-52-3	39.9	1.0	mg/L	E290/EO	22-Jan-2025	22-Jan-2025	1848268
Alkalinity, carbonate (as CO ₃)	3812-32-6	<1.0	1.0	mg/L	E290/EO	22-Jan-2025	22-Jan-2025	1848268
Alkalinity, hydroxide (as OH)	14280-30-9	<1.0	1.0	mg/L	E290/EO	22-Jan-2025	22-Jan-2025	1848268
Alkalinity, total (as CaCO ₃)	----	32.7	1.0	mg/L	E290/EO	22-Jan-2025	22-Jan-2025	1848268
Colour, true	----	10.1	2.0	CU	E329-L/EO	23-Jan-2025	23-Jan-2025	1849540
Conductivity	----	89.7	1.0	µS/cm	E100/EO	22-Jan-2025	22-Jan-2025	1848267
Hardness (as CaCO ₃), from total Ca/Mg	----	32.9	0.50	mg/L	EC100A/EO	-	24-Jan-2025	-
pH	----	7.26	0.10	pH units	E108/EO	22-Jan-2025	22-Jan-2025	1848266
Salinity	----	<1.0	1.0	psu	EC100S/VA	-	28-Jan-2025	-
Solids, total dissolved [TDS]	----	55	13	mg/L	E162/EO	-	25-Jan-2025	1850569
Solids, total dissolved [TDS], calculated	----	49.1	1.0	mg/L	EC103/EO	-	22-Jan-2025	-
Anions and Nutrients								
Ammonia, total (as N)	7664-41-7	0.0250	0.0050	mg/L	E298/EO	22-Jan-2025	22-Jan-2025	1847985
Chloride	16887-00-6	3.69	0.50	mg/L	E235.Cl/EO	22-Jan-2025	23-Jan-2025	1847941
Fluoride	16984-48-8	0.065	0.020	mg/L	E235.F/EO	22-Jan-2025	23-Jan-2025	1847942
Nitrate (as N)	14797-55-8	0.027	0.020	mg/L	E235.NO3/EO	22-Jan-2025	23-Jan-2025	1847943
Nitrate + Nitrite (as N)	----	<0.0300	0.03	mg/L	EC235.N+N/EO	-	23-Jan-2025	-
Nitrite (as N)	14797-65-0	<0.010	0.010	mg/L	E235.NO2/EO	22-Jan-2025	23-Jan-2025	1847944
Sulfate (as SO ₄)	14808-79-8	4.24	0.30	mg/L	E235.SO4/EO	22-Jan-2025	23-Jan-2025	1847940
Cyanides								
Cyanide, strong acid dissociable (Total)	----	<0.0020	0.0020	mg/L	E333/WT	24-Jan-2025	24-Jan-2025	1851541
Organic / Inorganic Carbon								
Carbon, total organic [TOC]	----	4.59	0.50	mg/L	E355-L/EO	25-Jan-2025	25-Jan-2025	1852288
Inorganics								
Chlorine, total	7782-50-5	<0.10	0.10	mg/L	E326-H/EO	-	22-Jan-2025	1848440
Chlorine, free	7782-50-5	<0.10	0.10	mg/L	E327-H/EO	-	22-Jan-2025	1848439
Chloramines, total (as Cl ₂)	----	<0.20	0.20	mg/L	EC326/EO	-	24-Jan-2025	-
Total Sulfides								
Sulfide, total (as S)	18496-25-8	<0.0015	0.0015	mg/L	E395/CG	-	22-Jan-2025	1848413
Sulfide, total (as H ₂ S)	7783-06-4	<0.0016	0.0016	mg/L	E395/CG	-	22-Jan-2025	1848413
Ion Balance								
Anion sum	----	0.85	0.10	meq/L	EC101/EO	-	22-Jan-2025	-
Cation sum	----	0.82	0.10	meq/L	EC101/EO	-	22-Jan-2025	-
Ion balance (APHA)	----	-1.80	0.01	%	EC101/EO	-	22-Jan-2025	-
Ion balance (cations/anions)	----	96.5	0.010	%	EC101/EO	-	22-Jan-2025	-
Total Metals								
Aluminum, total	7429-90-5	0.0326	0.0030	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Antimony, total	7440-36-0	<0.00010	0.00010	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Arsenic, total	7440-38-2	0.00025	0.00010	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Barium, total	7440-39-3	0.0166	0.00010	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Beryllium, total	7440-41-7	<0.000020	0.000020	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Bismuth, total	7440-69-9	<0.000050	0.000050	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Boron, total	7440-42-8	0.018	0.010	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Cadmium, total	7440-43-9	<0.0000050	0.0000050	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Calcium, total	7440-70-2	8.61	0.050	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079



Analytical Results

FC2500177-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: FCWTP-Raw Water Chamber

Client sampling date / time: 21-Jan-2025 08:00

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Total Metals								
Cesium, total	7440-46-2	<0.000010	0.000010	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Chromium, total	7440-47-3	<0.00050	0.00050	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Cobalt, total	7440-48-4	<0.00010	0.00010	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Copper, total	7440-50-8	0.00135	0.00050	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Iron, total	7439-89-6	0.083	0.010	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Lead, total	7439-92-1	<0.000050	0.000050	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Lithium, total	7439-93-2	0.0031	0.0010	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Magnesium, total	7439-95-4	2.78	0.0050	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Manganese, total	7439-96-5	0.00915	0.00010	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Mercury, total	7439-97-6	<0.0000050	0.0000050	mg/L	E508/EO	25-Jan-2025	25-Jan-2025	1851864
Molybdenum, total	7439-98-7	0.000205	0.000050	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Nickel, total	7440-02-0	<0.00050	0.00050	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Phosphorus, total	7723-14-0	<0.050	0.050	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Potassium, total	7440-09-7	0.939	0.050	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Rubidium, total	7440-17-7	0.00098	0.00020	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Selenium, total	7782-49-2	<0.000050	0.000050	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Silicon, total	7440-21-3	2.17	0.10	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Silver, total	7440-22-4	<0.000010	0.000010	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Sodium, total	7440-23-5	3.21	0.050	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Strontium, total	7440-24-6	0.0647	0.00020	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Sulfur, total	7704-34-9	1.41	0.50	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Tellurium, total	13494-80-9	<0.00020	0.00020	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Thallium, total	7440-28-0	<0.000010	0.000010	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Thorium, total	7440-29-1	<0.00010	0.00010	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Tin, total	7440-31-5	<0.00010	0.00010	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Titanium, total	7440-32-6	0.00094	0.00030	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Tungsten, total	7440-33-7	<0.00010	0.00010	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Uranium, total	7440-61-1	0.000068	0.000010	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Vanadium, total	7440-62-2	<0.00050	0.00050	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Zinc, total	7440-66-6	<0.0030	0.0030	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Zirconium, total	7440-67-7	<0.00020	0.00020	mg/L	E420/EO	23-Jan-2025	23-Jan-2025	1849079
Dissolved Metals								
Aluminum, dissolved	7429-90-5	0.0323	0.0010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Antimony, dissolved	7440-36-0	<0.00010	0.00010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Arsenic, dissolved	7440-38-2	0.00020	0.00010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Barium, dissolved	7440-39-3	0.0165	0.00010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Beryllium, dissolved	7440-41-7	<0.000020	0.000020	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Bismuth, dissolved	7440-69-9	<0.000050	0.000050	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Boron, dissolved	7440-42-8	0.016	0.010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Cadmium, dissolved	7440-43-9	<0.0000050	0.0000050	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Calcium, dissolved	7440-70-2	8.74	0.050	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Cesium, dissolved	7440-46-2	<0.000010	0.000010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Chromium, dissolved	7440-47-3	<0.00050	0.00050	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Cobalt, dissolved	7440-48-4	<0.00010	0.00010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Copper, dissolved	7440-50-8	0.00128	0.00020	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949



Analytical Results

FC2500177-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: FCWTP-Raw Water Chamber

Client sampling date / time: 21-Jan-2025 08:00

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Dissolved Metals								
Iron, dissolved	7439-89-6	0.074	0.010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Lead, dissolved	7439-92-1	<0.000050	0.000050	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Lithium, dissolved	7439-93-2	0.0030	0.0010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Magnesium, dissolved	7439-95-4	2.73	0.0050	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Manganese, dissolved	7439-96-5	0.00928	0.00010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Molybdenum, dissolved	7439-98-7	0.000209	0.000050	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Nickel, dissolved	7440-02-0	<0.00050	0.00050	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Phosphorus, dissolved	7723-14-0	<0.050	0.050	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Potassium, dissolved	7440-09-7	0.933	0.050	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Rubidium, dissolved	7440-17-7	0.00099	0.00020	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Selenium, dissolved	7782-49-2	<0.000050	0.000050	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Silicon, dissolved	7440-21-3	2.14	0.050	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Silver, dissolved	7440-22-4	<0.000010	0.000010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Sodium, dissolved	7440-23-5	3.03	0.050	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Strontium, dissolved	7440-24-6	0.0643	0.00020	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Sulfur, dissolved	7704-34-9	1.51	0.50	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Tellurium, dissolved	13494-80-9	<0.00020	0.00020	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Thallium, dissolved	7440-28-0	<0.000010	0.000010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Thorium, dissolved	7440-29-1	<0.00010	0.00010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Tin, dissolved	7440-31-5	<0.00010	0.00010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Titanium, dissolved	7440-32-6	0.00078	0.00030	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Tungsten, dissolved	7440-33-7	<0.00010	0.00010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Uranium, dissolved	7440-61-1	0.000070	0.000010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Vanadium, dissolved	7440-62-2	<0.00050	0.00050	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Zinc, dissolved	7440-66-6	<0.0010	0.0010	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Zirconium, dissolved	7440-67-7	<0.00020	0.00020	mg/L	E421/EO	23-Jan-2025	23-Jan-2025	1848949
Dissolved metals filtration location	----	Field	-	-	EP421/EO	-	23-Jan-2025	1848949
Aggregate Organics								
Naphthenic acids	----	<1.0	1.0	mg/L	E565/EO	23-Jan-2025	30-Jan-2025	1849075
Nitritotriacetic acid [NTA]	139-13-9	<0.40	0.40	mg/L	E394/WT	-	28-Jan-2025	1853772
Volatile Organic Compounds								
Benzene	71-43-2	<0.50	0.50	µg/L	E611E/EO	24-Jan-2025	24-Jan-2025	1850740
Carbon tetrachloride	56-23-5	<0.50	0.50	µg/L	E611E/EO	24-Jan-2025	24-Jan-2025	1850740
Chlorobenzene	108-90-7	<1.0	1.0	µg/L	E611E/EO	24-Jan-2025	24-Jan-2025	1850740
Dichlorobenzene, 1,2-	95-50-1	<0.50	0.50	µg/L	E611E/EO	24-Jan-2025	24-Jan-2025	1850740
Dichlorobenzene, 1,4-	106-46-7	<1.0	1.0	µg/L	E611E/EO	24-Jan-2025	24-Jan-2025	1850740
Dichloroethane, 1,2-	107-06-2	<1.0	1.0	µg/L	E611E/EO	24-Jan-2025	24-Jan-2025	1850740
Dichloromethane	75-09-2	<1.0	1.0	µg/L	E611E/EO	24-Jan-2025	24-Jan-2025	1850740
Dioxane, 1,4-	123-91-1	<20	20	µg/L	E611I/WT	27-Jan-2025	27-Jan-2025	1852760
Ethylbenzene	100-41-4	<0.50	0.50	µg/L	E611E/EO	24-Jan-2025	24-Jan-2025	1850740
Tetrachloroethylene	127-18-4	<1.0	1.0	µg/L	E611E/EO	24-Jan-2025	24-Jan-2025	1850740
Toluene	108-88-3	<0.50	0.50	µg/L	E611E/EO	24-Jan-2025	24-Jan-2025	1850740
Trichloroethylene	79-01-6	<1.0	1.0	µg/L	E611E/EO	24-Jan-2025	24-Jan-2025	1850740
Vinyl chloride	75-01-4	<1.0	1.0	µg/L	E611E/EO	24-Jan-2025	24-Jan-2025	1850740
Xylene, m+p-	179601-23-1	<0.40	0.40	µg/L	E611E/EO	24-Jan-2025	24-Jan-2025	1850740



Analytical Results

FC2500177-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: FCWTP-Raw Water Chamber

Client sampling date / time: 21-Jan-2025 08:00

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Volatile Organic Compounds								
Xylene, o-	95-47-6	<0.30	0.30	µg/L	E611E/EO	24-Jan-2025	24-Jan-2025	1850740
Xylenes, total	1330-20-7	<0.50	0.50	µg/L	E611E/EO	24-Jan-2025	24-Jan-2025	1850740
Volatile Organic Compounds [Fuels]								
Benzene	71-43-2	<0.50	0.50	µg/L	E611A/EO	24-Jan-2025	24-Jan-2025	1850741
Ethylbenzene	100-41-4	<0.50	0.50	µg/L	E611A/EO	24-Jan-2025	24-Jan-2025	1850741
Styrene	100-42-5	<0.50	0.50	µg/L	E611A/EO	24-Jan-2025	24-Jan-2025	1850741
Toluene	108-88-3	<0.50	0.50	µg/L	E611A/EO	24-Jan-2025	24-Jan-2025	1850741
Xylene, m+p-	179601-23-1	<0.40	0.40	µg/L	E611A/EO	24-Jan-2025	24-Jan-2025	1850741
Xylene, o-	95-47-6	<0.30	0.30	µg/L	E611A/EO	24-Jan-2025	24-Jan-2025	1850741
Xylenes, total	1330-20-7	<0.50	0.50	µg/L	E611A/EO	24-Jan-2025	24-Jan-2025	1850741
BTEX, total	----	<1.0	1.0	µg/L	E611A/EO	24-Jan-2025	24-Jan-2025	1850741
Hydrocarbons								
F1 (C6-C10)	----	<100	100	µg/L	E581.F1/EO	24-Jan-2025	24-Jan-2025	1850742
F1-BTEX	----	<100	100	µg/L	EC580/EO	-	27-Jan-2025	-
F2 (C10-C16)	----	<100	100	µg/L	E601/EO	23-Jan-2025	23-Jan-2025	1847910
F3 (C16-C34)	----	<250	250	µg/L	E601/EO	23-Jan-2025	23-Jan-2025	1847910
F4 (C34-C50)	----	<250	250	µg/L	E601/EO	23-Jan-2025	23-Jan-2025	1847910
Hydrocarbons, total (C6-C50)	n/a	<380	380	µg/L	EC581/EO	-	24-Jan-2025	-
Hydrocarbons Surrogates								
Bromobenzotrifluoride, 2- (F2-F4 surrogate)	392-83-6	105	1.0	%	E601/EO	23-Jan-2025	23-Jan-2025	1847910
Dichlorotoluene, 3,4-	95-75-0	104	1.0	%	E581.F1/EO	24-Jan-2025	24-Jan-2025	1850742
Volatile Organic Compounds Surrogates								
Bromofluorobenzene, 4-	460-00-4	110	1.0	%	E611A/EO	24-Jan-2025	24-Jan-2025	1850741
Bromofluorobenzene, 4-	460-00-4	110	1.0	%	E611E/EO	24-Jan-2025	24-Jan-2025	1850740
Bromofluorobenzene, 4-	460-00-4	92.3	1.0	%	E611I/WT	27-Jan-2025	27-Jan-2025	1852760
Diffluorobenzene, 1,4-	540-36-3	96.9	1.0	%	E611A/EO	24-Jan-2025	24-Jan-2025	1850741
Diffluorobenzene, 1,4-	540-36-3	96.9	1.0	%	E611E/EO	24-Jan-2025	24-Jan-2025	1850740
Diffluorobenzene, 1,4-	540-36-3	99.0	1.0	%	E611I/WT	27-Jan-2025	27-Jan-2025	1852760
Polycyclic Aromatic Hydrocarbons								
Benzo(a)pyrene	50-32-8	<0.0050	0.0050	µg/L	E641A/EO	23-Jan-2025	23-Jan-2025	1847911
Polycyclic Aromatic Hydrocarbons Surrogates								
Chrysene-d12	1719-03-5	105	0.1	%	E641A/EO	23-Jan-2025	23-Jan-2025	1847911
Naphthalene-d8	1146-65-2	110	0.1	%	E641A/EO	23-Jan-2025	23-Jan-2025	1847911
Phenanthrene-d10	1517-22-2	89.8	0.1	%	E641A/EO	23-Jan-2025	23-Jan-2025	1847911
Disinfectant By-Products								
Bromate	15541-45-4	<0.00030	0.00030	mg/L	E722A/WT	23-Jan-2025	23-Jan-2025	1850012
Semi-Volatile Organics Surrogates								
Fluorobiphenyl, 2-	321-60-8	85.7	1.0	%	E625A/WT	28-Jan-2025	28-Jan-2025	1853643
Nitrobenzene-d5	4165-60-0	92.0	1.0	%	E625A/WT	28-Jan-2025	28-Jan-2025	1853643
Terphenyl-d14, p-	1718-51-0	95.0	1.0	%	E625A/WT	28-Jan-2025	28-Jan-2025	1853643
Chlorinated Phenolics								
Dichlorophenol, 2,4-	120-83-2	<0.20	0.20	µg/L	E625A/WT	28-Jan-2025	28-Jan-2025	1853643
Pentachlorophenol [PCP]	87-86-5	<0.50	0.50	µg/L	E625A/WT	28-Jan-2025	28-Jan-2025	1853643
Tetrachlorophenol, 2,3,4,6-	58-90-2	<0.50	0.50	µg/L	E625A/WT	28-Jan-2025	28-Jan-2025	1853643
Trichlorophenol, 2,4,6-	88-06-2	<0.20	0.20	µg/L	E625A/WT	28-Jan-2025	28-Jan-2025	1853643
Phenolics Surrogates								



Analytical Results

FC2500177-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: FCWTP-Raw Water Chamber

Client sampling date / time: 21-Jan-2025 08:00

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QC/Lot
Phenolics Surrogates								
Tribromophenol, 2,4,6-	118-79-6	101	0.50	%	E625A/WT	28-Jan-2025	28-Jan-2025	1853643
Organochlorine Pesticides Surrogates								
Decachlorobiphenyl	2051-24-3	90.8	0.10	%	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
Tetrachloro-m-xylene	877-09-8	77.3	0.10	%	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
Herbicides								
Alachlor	15972-60-8	<0.050	0.050	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Atrazine	1912-24-9	<0.050	0.050	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Atrazine + metabolites, total	----	<0.45	0.45	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Atrazine + N-dealkylated metabolites	----	<0.10	0.1	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Atrazine-desethyl	6190-65-4	<0.025	0.025	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Cyanazine	21725-46-2	<0.10	0.10	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Diclofop-methyl	51338-27-3	<0.10	0.10	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Dinoseb	88-85-7	<0.250 ^{DLI}	0.250	µg/L	E706A/WT	23-Jan-2025	24-Jan-2025	1849615
Diuron	330-54-1	<0.050	0.050	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Metolachlor	51218-45-2	<0.025	0.025	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Metribuzin	21087-64-9	<0.10	0.10	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Prometryn	7287-19-6	<0.025	0.025	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Simazine	122-34-9	<0.10	0.10	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Triallate	2303-17-5	<0.10	0.10	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Trifluralin	1582-09-8	<0.10	0.10	µg/L	E756/WT	23-Jan-2025	24-Jan-2025	1849619
Herbicides Surrogates								
Dichlorophenylacetic acid, 2,4-	19719-28-9	61.9	1.0	%	E706A/WT	23-Jan-2025	24-Jan-2025	1849615
Insecticides								
Aldicarb	116-06-3	<0.10	0.10	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Azinphos-methyl	86-50-0	<0.10	0.10	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Bendiocarb	22781-23-3	<0.025	0.025	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Carbaryl	63-25-2	<0.050	0.050	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Carbofuran	1563-66-2	<0.025	0.025	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Chlorpyrifos	2921-88-2	<0.10	0.10	µg/L	E756/WT	23-Jan-2025	24-Jan-2025	1849619
Diazinon	333-41-5	<0.025	0.025	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Dimethoate	60-51-5	<0.050	0.050	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Malathion	121-75-5	<0.025	0.025	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Parathion	56-38-2	<0.10	0.10	µg/L	E756/WT	23-Jan-2025	24-Jan-2025	1849619
Phorate	298-02-2	<0.25	0.25	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Temephos	3383-96-8	<0.25	0.25	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Terbufos	13071-79-9	<0.50	0.50	µg/L	E755/WT	27-Jan-2025	28-Jan-2025	1852582
Pesticides								
Acetic acid, 2-methyl-4-chlorophenoxy- [MCPA]	94-74-6	<0.250 ^{DLI}	0.250	µg/L	E706A/WT	23-Jan-2025	24-Jan-2025	1849615
Aldrin	309-00-2	<0.0080	0.0080	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
Aldrin + Dieldrin	----	<0.011	0.011	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
Bromoxynil	1689-84-5	<0.250 ^{DLI}	0.250	µg/L	E706A/WT	23-Jan-2025	24-Jan-2025	1849615
Chlordane, cis- (alpha)	5103-71-9	<0.0080	0.0080	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
Chlordane, total	57-74-9	<0.011	0.011	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
Chlordane, trans- (gamma)	5103-74-2	<0.0080	0.0080	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
DDD, 2,4'-	53-19-0	<0.0040	0.0040	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575



Analytical Results

FC2500177-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: FCWTP-Raw Water Chamber

Client sampling date / time: 21-Jan-2025 08:00

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Pesticides								
DDD, 4,4'	72-54-8	<0.0040	0.0040	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
DDD, total	----	<0.0060	0.006	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
DDE, 2,4'	3424-82-6	<0.0040	0.0040	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
DDE, 4,4'	72-55-9	<0.0040	0.0040	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
DDE, total	----	<0.0060	0.006	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
DDT + metabolites, total	----	<0.010	0.01	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
DDT, 2,4'	789-02-6	<0.0040	0.0040	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
DDT, 4,4'	50-29-3	<0.0040	0.0040	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
DDT, total	----	<0.0060	0.006	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
Dicamba	1918-00-9	<0.50 ^{DLI}	0.50	µg/L	E706A/WT	23-Jan-2025	24-Jan-2025	1849615
Dichlorophenoxyacetic acid, 2,4- [2,4-D]	94-75-7	<0.250 ^{DLI}	0.250	µg/L	E706A/WT	23-Jan-2025	24-Jan-2025	1849615
Dieldrin	60-57-1	<0.0080	0.0080	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
Diquat (ion)	2764-72-9	<1.0	1.0	µg/L	E723A/WT	24-Jan-2025	27-Jan-2025	1850383
Glyphosate	1071-83-6	<0.20	0.20	µg/L	E716A/WT	23-Jan-2025	24-Jan-2025	1849381
Heptachlor	76-44-8	<0.0080	0.0080	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
Heptachlor + Heptachlor epoxide	n/a	<0.011	0.011	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
Heptachlor epoxide	1024-57-3	<0.0080	0.0080	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
Hexachlorocyclohexane, gamma-	58-89-9	<0.0080	0.0080	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
Methoxychlor	72-43-5	<0.0080	0.0080	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
Oxychlorane	27304-13-8	<0.0080	0.0080	µg/L	E660F/WT	27-Jan-2025	28-Jan-2025	1852575
Paraquat (as dichloride)	1910-42-5	<1.0	1.0	µg/L	E723A/WT	24-Jan-2025	27-Jan-2025	1850383
Picloram	1918-02-1	<0.50 ^{DLI}	0.50	µg/L	E706A/WT	23-Jan-2025	24-Jan-2025	1849615
Trichlorophenoxyacetic acid, 2,4,5- [2,4,5-T]	93-76-5	<0.250 ^{DLI}	0.250	µg/L	E706A/WT	23-Jan-2025	24-Jan-2025	1849615
Organic Parameters								
Microcystin	101043-37-2	<0.15	0.15	µg/L	E576/WP	-	23-Jan-2025	1849061

Please refer to the General Comments section for an explanation of any result qualifiers detected.