

CERTIFICATE OF ANALYSIS

Work Order	: FC2600442	Laboratory	: ALS Environmental - Fort McMurray
Client	: Regional Municipality of Wood Buffalo	Account Manager	: Megha Walia
Contact	: Water Treatment Plant	Address	: #4, 340 Macalpine Crescent
Address	: 1 Silin Forest Road Fort McMurray Alberta Canada T9H 5A1	E-mail	: Megha.Walia@alsglobal.com
Telephone	: 780-762-5863	Telephone	: +1 780 791 1524
Project	: Fort Chipewyan Table 1	Date Samples Received	: 09-Mar-2026 15:30
PO	: 4500067725	Date Analysis Commenced	: 10-Mar-2026
C-O-C number	: ----	Issue Date	: 20-Mar-2026 11:08
Sampler	: EA		
Site	: ----		
Quote number	: Water Treatment Plant		
No. of samples received	: 2		
No. of samples analysed	: 2		

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	Organics, Edmonton, Alberta
Alex Drake	Lab Analyst	Metals, Edmonton, Alberta
Alex Drake	Lab Analyst	Inorganics, Edmonton, Alberta
Dan Nguyen	Team Leader - Inorganics	Metals, Edmonton, Alberta
Daniel Nguyen	Laboratory Analyst	Metals, Edmonton, Alberta
Harpreet Chawla	Team Leader - Inorganics	Inorganics, Calgary, Alberta
Kari Mulroy	Lab Supervisor - Environmental	Organics, Edmonton, Alberta
Miles Gropen	Department Manager - Inorganics	Inorganics, Burnaby, British Columbia
Nik Perkio	Senior Analyst	Inorganics, Waterloo, Ontario
Shirley Li	Team Leader - Inorganics	Inorganics, Calgary, Alberta
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
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>
DTC	Dissolved concentration exceeds total. Results were confirmed by re-analysis.



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	09-Mar-2026 07:15	09-Mar-2026 07:15	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2600442-001	FC2600442-002	----	----	----	----
					Result	Result	----	----	----	----
Physical Tests										
Alkalinity, bicarbonate (as HCO3)	71-52-3	E290/CG	1.2	mg/L	71.6	43.8	----	----	----	----
Alkalinity, carbonate (as CO3)	3812-32-6	E290/CG	1.0	mg/L	<0.6	<0.6	----	----	----	----
Alkalinity, hydroxide (as OH)	14280-30-9	E290/CG	1.0	mg/L	<0.3	<0.3	----	----	----	----
Alkalinity, total (as CaCO3)	----	E290/CG	1.0	mg/L	58.7	35.9	----	----	----	----
Conductivity	----	E100/CG	1.0	µS/cm	143	81.7	----	----	----	----
Hardness (as CaCO3), dissolved	----	EC100/EO	0.50	mg/L	37.0	34.3	----	----	----	----
pH	----	E108/CG	0.10	pH units	7.93	7.41	----	----	----	----
Salinity	----	EC100S/VA	1.0	psu	<1.0	<1.0	----	----	----	----
Solids, total dissolved [TDS], calculated	----	EC103/CG	1.0	mg/L	91.0	53.5	----	----	----	----
Anions and Nutrients										
Chloride	16887-00-6	E235.Cl/CG	0.50	mg/L	14.5	4.26	----	----	----	----
Fluoride	16984-48-8	E235.F/CG	0.020	mg/L	0.041	0.072	----	----	----	----
Nitrate (as N)	14797-55-8	E235.NO3/CG	0.020	mg/L	0.088	0.095	----	----	----	----
Nitrate + Nitrite (as N)	----	EC235.N+N/CG	0.0032	mg/L	0.0880	0.0950	----	----	----	----
Nitrite (as N)	14797-65-0	E235.NO2/CG	0.010	mg/L	<0.010	<0.010	----	----	----	----
Sulfate (as SO4)	14808-79-8	E235.SO4/CG	0.30	mg/L	4.51	4.70	----	----	----	----
Total Sulfides										
Sulfide, total (as S)	18496-25-8	E395/CG	0.0015	mg/L	<0.0015	<0.0015	----	----	----	----
Sulfide, total (as H2S)	7783-06-4	E395/CG	0.0016	mg/L	<0.0016	<0.0016	----	----	----	----
Metals										
Sodium adsorption ratio [SAR]	----	EC102A/EO	0.10	-	1.17	0.24	----	----	----	----



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	09-Mar-2026 07:15	09-Mar-2026 07:15	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2600442-001	FC2600442-002	----	----	----	----
					Result	Result	----	----	----	----
Ion Balance										
Ion balance (cations/anions)	----	EC101/CG	0.010	%	88.1	90.5	----	----	----	----
Total Metals										
Aluminum, total	7429-90-5	E420/EO	0.0030	mg/L	0.0128	0.0658	----	----	----	----
Antimony, total	7440-36-0	E420/EO	0.00010	mg/L	<0.00010	<0.00010	----	----	----	----
Arsenic, total	7440-38-2	E420/EO	0.00010	mg/L	0.00013	0.00025	----	----	----	----
Barium, total	7440-39-3	E420/EO	0.00010	mg/L	0.0173	0.0177	----	----	----	----
Beryllium, total	7440-41-7	E420/EO	0.000020	mg/L	<0.000020	<0.000020	----	----	----	----
Bismuth, total	7440-69-9	E420/EO	0.000050	mg/L	<0.000050	<0.000050	----	----	----	----
Boron, total	7440-42-8	E420/EO	0.010	mg/L	0.016	0.015	----	----	----	----
Cadmium, total	7440-43-9	E420/EO	0.0000050	mg/L	<0.0000050	<0.0000050	----	----	----	----
Calcium, total	7440-70-2	E420/EO	0.050	mg/L	10.0	9.25	----	----	----	----
Cesium, total	7440-46-2	E420/EO	0.000010	mg/L	<0.000010	<0.000010	----	----	----	----
Chromium, total	7440-47-3	E420/EO	0.00050	mg/L	<0.00050	<0.00050	----	----	----	----
Cobalt, total	7440-48-4	E420/EO	0.00010	mg/L	<0.00010	<0.00010	----	----	----	----
Copper, total	7440-50-8	E420/EO	0.00050	mg/L	0.00115	0.00144	----	----	----	----
Iron, total	7439-89-6	E420/EO	0.010	mg/L	<0.010	0.124	----	----	----	----
Lead, total	7439-92-1	E420/EO	0.000050	mg/L	<0.000050	<0.000050	----	----	----	----
Lithium, total	7439-93-2	E420/EO	0.0010	mg/L	0.0032	0.0031	----	----	----	----
Magnesium, total	7439-95-4	E420/EO	0.0050	mg/L	2.93	2.93	----	----	----	----
Manganese, total	7439-96-5	E420/EO	0.00010	mg/L	0.00429	0.00812	----	----	----	----
Molybdenum, total	7439-98-7	E420/EO	0.000050	mg/L	0.000212	0.000223	----	----	----	----



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	09-Mar-2026 07:15	09-Mar-2026 07:15	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2600442-001	FC2600442-002	----	----	----	----
					Result	Result	----	----	----	----
Total Metals										
Nickel, total	7440-02-0	E420/EO	0.00050	mg/L	<0.00050	<0.00050	----	----	----	----
Phosphorus, total	7723-14-0	E420/EO	0.050	mg/L	<0.050	<0.050	----	----	----	----
Potassium, total	7440-09-7	E420/EO	0.050	mg/L	0.989	0.969	----	----	----	----
Rubidium, total	7440-17-7	E420/EO	0.00020	mg/L	0.00105	0.00116	----	----	----	----
Selenium, total	7782-49-2	E420/EO	0.000050	mg/L	<0.000050	<0.000050	----	----	----	----
Silicon, total	7440-21-3	E420/EO	0.10	mg/L	2.23	2.50	----	----	----	----
Silver, total	7440-22-4	E420/EO	0.000010	mg/L	<0.000010	<0.000010	----	----	----	----
Sodium, total	7440-23-5	E420/EO	0.050	mg/L	16.8	3.34	----	----	----	----
Strontium, total	7440-24-6	E420/EO	0.00020	mg/L	0.0678	0.0690	----	----	----	----
Sulfur, total	7704-34-9	E420/EO	0.50	mg/L	1.41	1.48	----	----	----	----
Tellurium, total	13494-80-9	E420/EO	0.00020	mg/L	<0.00020	<0.00020	----	----	----	----
Thallium, total	7440-28-0	E420/EO	0.000010	mg/L	<0.000010	<0.000010	----	----	----	----
Thorium, total	7440-29-1	E420/EO	0.00010	mg/L	<0.00010	<0.00010	----	----	----	----
Tin, total	7440-31-5	E420/EO	0.00010	mg/L	0.00063	<0.00010	----	----	----	----
Titanium, total	7440-32-6	E420/EO	0.00030	mg/L	<0.00030	0.00140	----	----	----	----
Tungsten, total	7440-33-7	E420/EO	0.00010	mg/L	<0.00010	<0.00010	----	----	----	----
Uranium, total	7440-61-1	E420/EO	0.000010	mg/L	<0.000010	0.000069	----	----	----	----
Vanadium, total	7440-62-2	E420/EO	0.00050	mg/L	<0.00050	<0.00050	----	----	----	----
Zinc, total	7440-66-6	E420/EO	0.0030	mg/L	<0.0030	<0.0030	----	----	----	----
Zirconium, total	7440-67-7	E420/EO	0.00020	mg/L	<0.00020	<0.00020	----	----	----	----



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	09-Mar-2026 07:15	09-Mar-2026 07:15	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2600442-001	FC2600442-002	----	----	----	
					Result	Result	----	----	----	
Dissolved Metals										
Aluminum, dissolved	7429-90-5	E421/EO	0.0010	mg/L	0.0138	0.0081	----	----	----	
Antimony, dissolved	7440-36-0	E421/EO	0.00010	mg/L	<0.00010	<0.00010	----	----	----	
Arsenic, dissolved	7440-38-2	E421/EO	0.00010	mg/L	0.00017	0.00021	----	----	----	
Barium, dissolved	7440-39-3	E421/EO	0.00010	mg/L	0.0170	0.0167	----	----	----	
Beryllium, dissolved	7440-41-7	E421/EO	0.000020	mg/L	<0.000020	<0.000020	----	----	----	
Bismuth, dissolved	7440-69-9	E421/EO	0.000050	mg/L	<0.000050	<0.000050	----	----	----	
Boron, dissolved	7440-42-8	E421/EO	0.010	mg/L	0.019	0.020	----	----	----	
Cadmium, dissolved	7440-43-9	E421/EO	0.0000050	mg/L	<0.0000050	<0.0000050	----	----	----	
Calcium, dissolved	7440-70-2	E421/EO	0.050	mg/L	10.1	9.06	----	----	----	
Cesium, dissolved	7440-46-2	E421/EO	0.000010	mg/L	<0.000010	<0.000010	----	----	----	
Chromium, dissolved	7440-47-3	E421/EO	0.00050	mg/L	<0.00050	<0.00050	----	----	----	
Cobalt, dissolved	7440-48-4	E421/EO	0.00010	mg/L	<0.00010	<0.00010	----	----	----	
Copper, dissolved	7440-50-8	E421/EO	0.00020	mg/L	0.00065	0.00209	----	----	----	
Iron, dissolved	7439-89-6	E421/EO	0.010	mg/L	<0.010	0.031	----	----	----	
Lead, dissolved	7439-92-1	E421/EO	0.000050	mg/L	<0.000050	<0.000050	----	----	----	
Lithium, dissolved	7439-93-2	E421/EO	0.0010	mg/L	0.0029	0.0031	----	----	----	
Magnesium, dissolved	7439-95-4	E421/EO	0.0050	mg/L	2.86	2.84	----	----	----	
Manganese, dissolved	7439-96-5	E421/EO	0.00010	mg/L	0.00531	0.00516	----	----	----	
Molybdenum, dissolved	7439-98-7	E421/EO	0.000050	mg/L	0.000263	0.000236	----	----	----	
Nickel, dissolved	7440-02-0	E421/EO	0.00050	mg/L	<0.00050	<0.00050	----	----	----	
Phosphorus, dissolved	7723-14-0	E421/EO	0.050	mg/L	<0.050	<0.050	----	----	----	



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	09-Mar-2026 07:15	09-Mar-2026 07:15	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2600442-001	FC2600442-002	----	----	----	
					Result	Result	----	----	----	
Dissolved Metals										
Potassium, dissolved	7440-09-7	E421/EO	0.050	mg/L	0.993	0.996	----	----	----	
Rubidium, dissolved	7440-17-7	E421/EO	0.00020	mg/L	0.00095	0.00094	----	----	----	
Selenium, dissolved	7782-49-2	E421/EO	0.000050	mg/L	<0.000050	0.000062	----	----	----	
Silicon, dissolved	7440-21-3	E421/EO	0.050	mg/L	2.21	2.33	----	----	----	
Silver, dissolved	7440-22-4	E421/EO	0.000010	mg/L	<0.000010	<0.000010	----	----	----	
Sodium, dissolved	7440-23-5	E421/EO	0.050	mg/L	16.4	3.28	----	----	----	
Strontium, dissolved	7440-24-6	E421/EO	0.00020	mg/L	0.0639	0.0642	----	----	----	
Sulfur, dissolved	7704-34-9	E421/EO	0.50	mg/L	1.44	1.51	----	----	----	
Tellurium, dissolved	13494-80-9	E421/EO	0.00020	mg/L	<0.00020	<0.00020	----	----	----	
Thallium, dissolved	7440-28-0	E421/EO	0.000010	mg/L	<0.000010	<0.000010	----	----	----	
Thorium, dissolved	7440-29-1	E421/EO	0.00010	mg/L	<0.00010	<0.00010	----	----	----	
Tin, dissolved	7440-31-5	E421/EO	0.00010	mg/L	<0.00010	0.00011	----	----	----	
Titanium, dissolved	7440-32-6	E421/EO	0.00030	mg/L	<0.00030	0.00033	----	----	----	
Tungsten, dissolved	7440-33-7	E421/EO	0.00010	mg/L	<0.00010	<0.00010	----	----	----	
Uranium, dissolved	7440-61-1	E421/EO	0.000010	mg/L	0.000016	0.000069	----	----	----	
Vanadium, dissolved	7440-62-2	E421/EO	0.00050	mg/L	<0.00050	<0.00050	----	----	----	
Zinc, dissolved	7440-66-6	E421/EO	0.0010	mg/L	0.0014	0.0131 ^{DTC}	----	----	----	
Zirconium, dissolved	7440-67-7	E421/EO	0.00020	mg/L	<0.00020	<0.00020	----	----	----	
Dissolved metals filtration location	----	EP421/EO	-	-	Field	Field	----	----	----	
Aggregate Organics										
Naphthenic acids	----	E565/EO	1.0	mg/L	<1.0	<1.0	----	----	----	



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	09-Mar-2026 07:15	09-Mar-2026 07:15	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2600442-001	FC2600442-002	----	----	----	
					Result	Result	----	----	----	
Volatile Organic Compounds [Fuels]										
Benzene	71-43-2	E611A/EO	0.50	µg/L	<0.50	<0.50	----	----	----	
Ethylbenzene	100-41-4	E611A/EO	0.50	µg/L	<0.50	<0.50	----	----	----	
Styrene	100-42-5	E611A/EO	0.50	µg/L	<0.50	<0.50	----	----	----	
Toluene	108-88-3	E611A/EO	0.50	µg/L	<0.50	<0.50	----	----	----	
Xylene, m+p-	179601-23-1	E611A/EO	0.40	µg/L	<0.40	<0.40	----	----	----	
Xylene, o-	95-47-6	E611A/EO	0.30	µg/L	<0.30	<0.30	----	----	----	
Xylenes, total	1330-20-7	E611A/EO	0.50	µg/L	<0.50	<0.50	----	----	----	
BTEX, total	----	E611A/EO	1.0	µg/L	<1.0	<1.0	----	----	----	
Hydrocarbons										
F1 (C6-C10)	----	E581.F1/EO	100	µg/L	<100	<100	----	----	----	
F1-BTEX	----	EC580/EO	25	µg/L	<26	<26	----	----	----	
F2 (C10-C16)	----	E601/EO	100	µg/L	<100	<100	----	----	----	
F3 (C16-C34)	----	E601/EO	250	µg/L	<250	<250	----	----	----	
F4 (C34-C50)	----	E601/EO	250	µg/L	<250	<250	----	----	----	
Hydrocarbons, total (C6-C50)	n/a	EC581/EO	370	µg/L	<380	<380	----	----	----	
Hydrocarbons Surrogates										
Bromobenzotrifluoride, 2- (F2-F4 surrogate)	392-83-6	E601/EO	1.0	%	103	104	----	----	----	
Dichlorotoluene, 3,4-	95-75-0	E581.F1/EO	1.0	%	113	117	----	----	----	
Volatile Organic Compounds Surrogates										
Bromofluorobenzene, 4-	460-00-4	E611A/EO	1.0	%	84.6	88.1	----	----	----	
Difluorobenzene, 1,4-	540-36-3	E611A/EO	1.0	%	96.9	95.5	----	----	----	



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	09-Mar-2026 07:15	09-Mar-2026 07:15	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2600442-001	FC2600442-002	----	----	----	----
					Result	Result	----	----	----	----
Polycyclic Aromatic Hydrocarbons										
Acenaphthene	83-32-9	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Acenaphthylene	208-96-8	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Acridine	260-94-6	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Anthracene	120-12-7	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Benz(a)anthracene	56-55-3	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Benzo(a)pyrene	50-32-8	E641A/EO	0.0050	µg/L	<0.0050	<0.0050	----	----	----	----
Benzo(b+j)fluoranthene	n/a	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Benzo(b+j+k)fluoranthene	n/a	E641A/EO	0.015	µg/L	<0.015	<0.015	----	----	----	----
Benzo(e)pyrene	192-97-2	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Benzo(g,h,i)perylene	191-24-2	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Benzo(k)fluoranthene	207-08-9	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Chrysene	218-01-9	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Dibenz(a,h)anthracene	53-70-3	E641A/EO	0.0050	µg/L	<0.0050	<0.0050	----	----	----	----
Fluoranthene	206-44-0	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Fluorene	86-73-7	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Indeno(1,2,3-cd)pyrene	193-39-5	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Methylnaphthalene, 1-	90-12-0	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Methylnaphthalene, 1+2-	----	E641A/EO	0.015	µg/L	<0.015	<0.015	----	----	----	----
Methylnaphthalene, 2-	91-57-6	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Naphthalene	91-20-3	E641A/EO	0.050	µg/L	<0.050	<0.050	----	----	----	----
Perylene	198-55-0	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	09-Mar-2026 07:15	09-Mar-2026 07:15	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2600442-001	FC2600442-002	----	----	----	----
					Result	Result	----	----	----	----
Polycyclic Aromatic Hydrocarbons										
Phenanthrene	85-01-8	E641A/EO	0.020	µg/L	<0.020	<0.020	----	----	----	----
Pyrene	129-00-0	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Quinoline	91-22-5	E641A/EO	0.050	µg/L	<0.050	<0.050	----	----	----	----
B(a)P total potency equivalents [B(a)P TPE]	----	E641A/EO	0.010	µg/L	<0.010	<0.010	----	----	----	----
Polycyclic Aromatic Hydrocarbons Surrogates										
Chrysene-d12	1719-03-5	E641A/EO	0.1	%	119	124	----	----	----	----
Naphthalene-d8	1146-65-2	E641A/EO	0.1	%	124	92.5	----	----	----	----
Phenanthrene-d10	1517-22-2	E641A/EO	0.1	%	93.5	100	----	----	----	----
Disinfectant By-Products										
Chlorate	14866-68-3	E409.CLO3/WT	0.010	mg/L	0.079	<0.010	----	----	----	----
Chlorite	14998-27-7	E409.CLO2/WT	0.010	mg/L	<0.010	<0.010	----	----	----	----

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



CERTIFICATE OF ANALYSIS

Work Order	: FC2600442	Page	: 1 of 10
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 Table 1	Date Samples Received	: 09-Mar-2026 15:30
PO	: 4500067725	Date Analysis	: 10-Mar-2026
		Commenced	
C-O-C number	: ----	Issue Date	: 20-Mar-2026 11:07
Sampler	: EA		
Site	: ----		
Quote number	: Water Treatment Plant		
No. of samples received	: 2		
No. of samples analysed	: 2		

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
Alex Drake	Lab Analyst	Organics, Edmonton, Alberta
Dan Nguyen	Team Leader - Inorganics	Metals, Edmonton, Alberta
Daniel Nguyen	Laboratory Analyst	Metals, Edmonton, Alberta
Harpreet Chawla	Team Leader - Inorganics	Inorganics, Calgary, Alberta
Kari Mulroy	Lab Supervisor - Environmental	Organics, Edmonton, Alberta
Miles Gropen	Department Manager - Inorganics	Inorganics, Burnaby, British Columbia
Nik Perkio	Senior Analyst	Inorganics, Waterloo, Ontario
Shirley Li	Team Leader - Inorganics	Inorganics, Calgary, Alberta
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
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>
DTC	Dissolved concentration exceeds total. Results were confirmed by re-analysis.



Analytical Results

FC2600442-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Treated Water

Client sampling date / time: 09-Mar-2026 07:15

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Physical Tests								
Alkalinity, bicarbonate (as HCO ₃)	71-52-3	71.6	1.2	mg/L	E290/CG	10-Mar-2026	10-Mar-2026	2486660
Alkalinity, carbonate (as CO ₃)	3812-32-6	<0.6	0.6	mg/L	E290/CG	10-Mar-2026	10-Mar-2026	2486660
Alkalinity, hydroxide (as OH)	14280-30-9	<0.3	0.3	mg/L	E290/CG	10-Mar-2026	10-Mar-2026	2486660
Alkalinity, total (as CaCO ₃)	----	58.7	1.0	mg/L	E290/CG	10-Mar-2026	10-Mar-2026	2486660
Conductivity	----	143	1.0	µS/cm	E100/CG	10-Mar-2026	10-Mar-2026	2486659
Hardness (as CaCO ₃), dissolved	----	37.0	0.50	mg/L	EC100/EO	-	12-Mar-2026	-
pH	----	7.93	0.10	pH units	E108/CG	10-Mar-2026	10-Mar-2026	2486658
Salinity	----	<1.0	1.0	psu	EC100S/VA	-	15-Mar-2026	-
Solids, total dissolved [TDS], calculated	----	91.0	1.0	mg/L	EC103/CG	-	11-Mar-2026	-
Anions and Nutrients								
Chloride	16887-00-6	14.5	0.50	mg/L	E235.Cl/CG	10-Mar-2026	10-Mar-2026	2486701
Fluoride	16984-48-8	0.041	0.020	mg/L	E235.F/CG	10-Mar-2026	10-Mar-2026	2486699
Nitrate (as N)	14797-55-8	0.088	0.020	mg/L	E235.NO3/CG	10-Mar-2026	10-Mar-2026	2486698
Nitrate + Nitrite (as N)	----	0.0880	0.022	mg/L	EC235.N+N/CG	-	13-Mar-2026	2492012
Nitrite (as N)	14797-65-0	<0.010	0.010	mg/L	E235.NO2/CG	10-Mar-2026	10-Mar-2026	2486702
Sulfate (as SO ₄)	14808-79-8	4.51	0.30	mg/L	E235.SO4/CG	10-Mar-2026	10-Mar-2026	2486700
Total Sulfides								
Sulfide, total (as S)	18496-25-8	<0.0015	0.0015	mg/L	E395/CG	-	12-Mar-2026	2490267
Sulfide, total (as H ₂ S)	7783-06-4	<0.0016	0.0016	mg/L	E395/CG	-	12-Mar-2026	2490267
Metals								
Sodium adsorption ratio [SAR]	----	1.17	0.10	-	EC102A/EO	-	12-Mar-2026	-
Ion Balance								
Ion balance (cations/anions)	----	88.1	0.010	%	EC101/CG	-	11-Mar-2026	-
Total Metals								
Aluminum, total	7429-90-5	0.0128	0.0030	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Antimony, total	7440-36-0	<0.00010	0.00010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Arsenic, total	7440-38-2	0.00013	0.00010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Barium, total	7440-39-3	0.0173	0.00010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Beryllium, total	7440-41-7	<0.000020	0.000020	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Bismuth, total	7440-69-9	<0.000050	0.000050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Boron, total	7440-42-8	0.016	0.010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Cadmium, total	7440-43-9	<0.000050	0.000050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Calcium, total	7440-70-2	10.0	0.050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Cesium, total	7440-46-2	<0.000010	0.000010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Chromium, total	7440-47-3	<0.00050	0.00050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Cobalt, total	7440-48-4	<0.00010	0.00010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Copper, total	7440-50-8	0.00115	0.00050	mg/L	E420/EO	10-Mar-2026	14-Mar-2026	2485701
Iron, total	7439-89-6	<0.010	0.010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Lead, total	7439-92-1	<0.000050	0.000050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Lithium, total	7439-93-2	0.0032	0.0010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Magnesium, total	7439-95-4	2.93	0.0050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Manganese, total	7439-96-5	0.00429	0.00010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Molybdenum, total	7439-98-7	0.000212	0.000050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Nickel, total	7440-02-0	<0.00050	0.00050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Phosphorus, total	7723-14-0	<0.050	0.050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701



Analytical Results

FC2600442-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Treated Water

Client sampling date / time: 09-Mar-2026 07:15

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QC/Lot
Total Metals								
Potassium, total	7440-09-7	0.989	0.050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Rubidium, total	7440-17-7	0.00105	0.00020	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Selenium, total	7782-49-2	<0.000050	0.000050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Silicon, total	7440-21-3	2.23	0.10	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Silver, total	7440-22-4	<0.000010	0.000010	mg/L	E420/EO	10-Mar-2026	14-Mar-2026	2485701
Sodium, total	7440-23-5	16.8	0.050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Strontium, total	7440-24-6	0.0678	0.00020	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Sulfur, total	7704-34-9	1.41	0.50	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Tellurium, total	13494-80-9	<0.00020	0.00020	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Thallium, total	7440-28-0	<0.000010	0.000010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Thorium, total	7440-29-1	<0.00010	0.00010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Tin, total	7440-31-5	0.00063	0.00010	mg/L	E420/EO	10-Mar-2026	14-Mar-2026	2485701
Titanium, total	7440-32-6	<0.00030	0.00030	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Tungsten, total	7440-33-7	<0.00010	0.00010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Uranium, total	7440-61-1	<0.000010	0.000010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Vanadium, total	7440-62-2	<0.00050	0.00050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Zinc, total	7440-66-6	<0.0030	0.0030	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Zirconium, total	7440-67-7	<0.00020	0.00020	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Dissolved Metals								
Aluminum, dissolved	7429-90-5	0.0138	0.0010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Antimony, dissolved	7440-36-0	<0.00010	0.00010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Arsenic, dissolved	7440-38-2	0.00017	0.00010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Barium, dissolved	7440-39-3	0.0170	0.00010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Beryllium, dissolved	7440-41-7	<0.000020	0.000020	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Bismuth, dissolved	7440-69-9	<0.000050	0.000050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Boron, dissolved	7440-42-8	0.019	0.010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Cadmium, dissolved	7440-43-9	<0.0000050	0.0000050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Calcium, dissolved	7440-70-2	10.1	0.050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Cesium, dissolved	7440-46-2	<0.000010	0.000010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Chromium, dissolved	7440-47-3	<0.00050	0.00050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Cobalt, dissolved	7440-48-4	<0.00010	0.00010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Copper, dissolved	7440-50-8	0.00065	0.00020	mg/L	E421/EO	12-Mar-2026	14-Mar-2026	2489259
Iron, dissolved	7439-89-6	<0.010	0.010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Lead, dissolved	7439-92-1	<0.000050	0.000050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Lithium, dissolved	7439-93-2	0.0029	0.0010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Magnesium, dissolved	7439-95-4	2.86	0.0050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Manganese, dissolved	7439-96-5	0.00531	0.00010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Molybdenum, dissolved	7439-98-7	0.000263	0.000050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Nickel, dissolved	7440-02-0	<0.00050	0.00050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Phosphorus, dissolved	7723-14-0	<0.050	0.050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Potassium, dissolved	7440-09-7	0.993	0.050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Rubidium, dissolved	7440-17-7	0.00095	0.00020	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Selenium, dissolved	7782-49-2	<0.000050	0.000050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Silicon, dissolved	7440-21-3	2.21	0.050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Silver, dissolved	7440-22-4	<0.000010	0.000010	mg/L	E421/EO	12-Mar-2026	14-Mar-2026	2489259



Analytical Results

FC2600442-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Treated Water

Client sampling date / time: 09-Mar-2026 07:15

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QC/Lot
Dissolved Metals								
Sodium, dissolved	7440-23-5	16.4	0.050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Strontium, dissolved	7440-24-6	0.0639	0.00020	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Sulfur, dissolved	7704-34-9	1.44	0.50	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Tellurium, dissolved	13494-80-9	<0.00020	0.00020	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Thallium, dissolved	7440-28-0	<0.000010	0.000010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Thorium, dissolved	7440-29-1	<0.00010	0.00010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Tin, dissolved	7440-31-5	<0.00010	0.00010	mg/L	E421/EO	12-Mar-2026	14-Mar-2026	2489259
Titanium, dissolved	7440-32-6	<0.00030	0.00030	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Tungsten, dissolved	7440-33-7	<0.00010	0.00010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Uranium, dissolved	7440-61-1	0.000016	0.000010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Vanadium, dissolved	7440-62-2	<0.00050	0.00050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Zinc, dissolved	7440-66-6	0.0014	0.0010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Zirconium, dissolved	7440-67-7	<0.00020	0.00020	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Dissolved metals filtration location	----	Field	-	-	EP421/EO	-	12-Mar-2026	2489259
Aggregate Organics								
Naphthenic acids	----	<1.0	1.0	mg/L	E565/EO	17-Mar-2026	19-Mar-2026	2498589
Volatile Organic Compounds [Fuels]								
Benzene	71-43-2	<0.50	0.50	µg/L	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Ethylbenzene	100-41-4	<0.50	0.50	µg/L	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Styrene	100-42-5	<0.50	0.50	µg/L	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Toluene	108-88-3	<0.50	0.50	µg/L	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Xylene, m+p-	179601-23-1	<0.40	0.40	µg/L	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Xylene, o-	95-47-6	<0.30	0.30	µg/L	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Xylenes, total	1330-20-7	<0.50	0.50	µg/L	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
BTEX, total	----	<1.0	1.0	µg/L	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Hydrocarbons								
F1 (C6-C10)	----	<100	100	µg/L	E581.F1/EO	11-Mar-2026	12-Mar-2026	2487578
F1-BTEX	----	<26	26	µg/L	EC580/EO	-	12-Mar-2026	-
F2 (C10-C16)	----	<100	100	µg/L	E601/EO	11-Mar-2026	11-Mar-2026	2487430
F3 (C16-C34)	----	<250	250	µg/L	E601/EO	11-Mar-2026	11-Mar-2026	2487430
F4 (C34-C50)	----	<250	250	µg/L	E601/EO	11-Mar-2026	11-Mar-2026	2487430
Hydrocarbons, total (C6-C50)	n/a	<380	380	µg/L	EC581/EO	-	12-Mar-2026	-
Hydrocarbons Surrogates								
Bromobenzotrifluoride, 2- (F2-F4 surrogate)	392-83-6	103	1.0	%	E601/EO	11-Mar-2026	11-Mar-2026	2487430
Dichlorotoluene, 3,4-	95-75-0	113	1.0	%	E581.F1/EO	11-Mar-2026	12-Mar-2026	2487578
Volatile Organic Compounds Surrogates								
Bromofluorobenzene, 4-	460-00-4	84.6	1.0	%	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Difluorobenzene, 1,4-	540-36-3	96.9	1.0	%	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Polycyclic Aromatic Hydrocarbons								
Acenaphthene	83-32-9	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Acenaphthylene	208-96-8	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Acridine	260-94-6	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Anthracene	120-12-7	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Benz(a)anthracene	56-55-3	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Benzo(a)pyrene	50-32-8	<0.0050	0.0050	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429



Analytical Results

FC2600442-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Treated Water

Client sampling date / time: 09-Mar-2026 07:15

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QC/Lot
Polycyclic Aromatic Hydrocarbons								
Benzo(b+j)fluoranthene	n/a	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Benzo(b+j+k)fluoranthene	n/a	<0.015	0.015	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Benzo(e)pyrene	192-97-2	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Benzo(g,h,i)perylene	191-24-2	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Benzo(k)fluoranthene	207-08-9	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Chrysene	218-01-9	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Dibenz(a,h)anthracene	53-70-3	<0.0050	0.0050	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Fluoranthene	206-44-0	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Fluorene	86-73-7	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Indeno(1,2,3-cd)pyrene	193-39-5	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Methylnaphthalene, 1-	90-12-0	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Methylnaphthalene, 1+2-	----	<0.015	0.015	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Methylnaphthalene, 2-	91-57-6	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Naphthalene	91-20-3	<0.050	0.050	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Perylene	198-55-0	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Phenanthrene	85-01-8	<0.020	0.020	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Pyrene	129-00-0	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Quinoline	91-22-5	<0.050	0.050	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
B(a)P total potency equivalents [B(a)P TPE]	----	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Polycyclic Aromatic Hydrocarbons Surrogates								
Chrysene-d12	1719-03-5	119	0.1	%	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Naphthalene-d8	1146-65-2	124	0.1	%	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Phenanthrene-d10	1517-22-2	93.5	0.1	%	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Disinfectant By-Products								
Chlorate	14866-68-3	0.079	0.010	mg/L	E409.CLO3/WT	13-Mar-2026	13-Mar-2026	2491706
Chlorite	14998-27-7	<0.010	0.010	mg/L	E409.CLO2/WT	13-Mar-2026	13-Mar-2026	2491705

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

Analytical Results

FC2600442-002

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Raw Water Chamber Tap

Client sampling date / time: 09-Mar-2026 07:15

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QC/Lot
Physical Tests								
Alkalinity, bicarbonate (as HCO ₃)	71-52-3	43.8	1.2	mg/L	E290/CG	10-Mar-2026	10-Mar-2026	2486660
Alkalinity, carbonate (as CO ₃)	3812-32-6	<0.6	0.6	mg/L	E290/CG	10-Mar-2026	10-Mar-2026	2486660
Alkalinity, hydroxide (as OH)	14280-30-9	<0.3	0.3	mg/L	E290/CG	10-Mar-2026	10-Mar-2026	2486660
Alkalinity, total (as CaCO ₃)	----	35.9	1.0	mg/L	E290/CG	10-Mar-2026	10-Mar-2026	2486660
Conductivity	----	81.7	1.0	µS/cm	E100/CG	10-Mar-2026	10-Mar-2026	2486659
Hardness (as CaCO ₃), dissolved	----	34.3	0.50	mg/L	EC100/EO	-	12-Mar-2026	-
pH	----	7.41	0.10	pH units	E108/CG	10-Mar-2026	10-Mar-2026	2486658
Salinity	----	<1.0	1.0	psu	EC100S/VA	-	15-Mar-2026	-
Solids, total dissolved [TDS], calculated	----	53.5	1.0	mg/L	EC103/CG	-	11-Mar-2026	-



Analytical Results

FC2600442-002

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Raw Water Chamber Tap

Client sampling date / time: 09-Mar-2026 07:15

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Anions and Nutrients								
Chloride	16887-00-6	4.26	0.50	mg/L	E235.Cl/CG	10-Mar-2026	10-Mar-2026	2486701
Fluoride	16984-48-8	0.072	0.020	mg/L	E235.F/CG	10-Mar-2026	10-Mar-2026	2486699
Nitrate (as N)	14797-55-8	0.095	0.020	mg/L	E235.NO3/CG	10-Mar-2026	10-Mar-2026	2486698
Nitrate + Nitrite (as N)	----	0.0950	0.022	mg/L	EC235.N+N/CG	-	13-Mar-2026	2492012
Nitrite (as N)	14797-65-0	<0.010	0.010	mg/L	E235.NO2/CG	10-Mar-2026	10-Mar-2026	2486702
Sulfate (as SO4)	14808-79-8	4.70	0.30	mg/L	E235.SO4/CG	10-Mar-2026	10-Mar-2026	2486700
Total Sulfides								
Sulfide, total (as S)	18496-25-8	<0.0015	0.0015	mg/L	E395/CG	-	12-Mar-2026	2490267
Sulfide, total (as H2S)	7783-06-4	<0.0016	0.0016	mg/L	E395/CG	-	12-Mar-2026	2490267
Metals								
Sodium adsorption ratio [SAR]	----	0.24	0.10	-	EC102A/EO	-	12-Mar-2026	-
Ion Balance								
Ion balance (cations/anions)	----	90.5	0.010	%	EC101/CG	-	11-Mar-2026	-
Total Metals								
Aluminum, total	7429-90-5	0.0658	0.0030	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Antimony, total	7440-36-0	<0.00010	0.00010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Arsenic, total	7440-38-2	0.00025	0.00010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Barium, total	7440-39-3	0.0177	0.00010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Beryllium, total	7440-41-7	<0.000020	0.000020	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Bismuth, total	7440-69-9	<0.000050	0.000050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Boron, total	7440-42-8	0.015	0.010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Cadmium, total	7440-43-9	<0.0000050	0.0000050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Calcium, total	7440-70-2	9.25	0.050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Cesium, total	7440-46-2	<0.000010	0.000010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Chromium, total	7440-47-3	<0.00050	0.00050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Cobalt, total	7440-48-4	<0.00010	0.00010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Copper, total	7440-50-8	0.00144	0.00050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Iron, total	7439-89-6	0.124	0.010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Lead, total	7439-92-1	<0.000050	0.000050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Lithium, total	7439-93-2	0.0031	0.0010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Magnesium, total	7439-95-4	2.93	0.0050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Manganese, total	7439-96-5	0.00812	0.00010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Molybdenum, total	7439-98-7	0.000223	0.000050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Nickel, total	7440-02-0	<0.00050	0.00050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Phosphorus, total	7723-14-0	<0.050	0.050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Potassium, total	7440-09-7	0.969	0.050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Rubidium, total	7440-17-7	0.00116	0.00020	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Selenium, total	7782-49-2	<0.000050	0.000050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Silicon, total	7440-21-3	2.50	0.10	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Silver, total	7440-22-4	<0.000010	0.000010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Sodium, total	7440-23-5	3.34	0.050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Strontium, total	7440-24-6	0.0690	0.00020	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Sulfur, total	7704-34-9	1.48	0.50	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Tellurium, total	13494-80-9	<0.00020	0.00020	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Thallium, total	7440-28-0	<0.000010	0.000010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701



Analytical Results

FC2600442-002

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Raw Water Chamber Tap

Client sampling date / time: 09-Mar-2026 07:15

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QC/Lot
Total Metals								
Thorium, total	7440-29-1	<0.00010	0.00010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Tin, total	7440-31-5	<0.00010	0.00010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Titanium, total	7440-32-6	0.00140	0.00030	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Tungsten, total	7440-33-7	<0.00010	0.00010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Uranium, total	7440-61-1	0.000069	0.000010	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Vanadium, total	7440-62-2	<0.00050	0.00050	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Zinc, total	7440-66-6	<0.0030	0.0030	mg/L	E420/EO	10-Mar-2026	14-Mar-2026	2485701
Zirconium, total	7440-67-7	<0.00020	0.00020	mg/L	E420/EO	10-Mar-2026	10-Mar-2026	2485701
Dissolved Metals								
Aluminum, dissolved	7429-90-5	0.0081	0.0010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Antimony, dissolved	7440-36-0	<0.00010	0.00010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Arsenic, dissolved	7440-38-2	0.00021	0.00010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Barium, dissolved	7440-39-3	0.0167	0.00010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Beryllium, dissolved	7440-41-7	<0.000020	0.000020	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Bismuth, dissolved	7440-69-9	<0.000050	0.000050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Boron, dissolved	7440-42-8	0.020	0.010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Cadmium, dissolved	7440-43-9	<0.0000050	0.0000050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Calcium, dissolved	7440-70-2	9.06	0.050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Cesium, dissolved	7440-46-2	<0.000010	0.000010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Chromium, dissolved	7440-47-3	<0.00050	0.00050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Cobalt, dissolved	7440-48-4	<0.00010	0.00010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Copper, dissolved	7440-50-8	0.00209	0.00020	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Iron, dissolved	7439-89-6	0.031	0.010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Lead, dissolved	7439-92-1	<0.000050	0.000050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Lithium, dissolved	7439-93-2	0.0031	0.0010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Magnesium, dissolved	7439-95-4	2.84	0.0050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Manganese, dissolved	7439-96-5	0.00516	0.00010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Molybdenum, dissolved	7439-98-7	0.000236	0.000050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Nickel, dissolved	7440-02-0	<0.00050	0.00050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Phosphorus, dissolved	7723-14-0	<0.050	0.050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Potassium, dissolved	7440-09-7	0.996	0.050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Rubidium, dissolved	7440-17-7	0.00094	0.00020	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Selenium, dissolved	7782-49-2	0.000062	0.000050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Silicon, dissolved	7440-21-3	2.33	0.050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Silver, dissolved	7440-22-4	<0.000010	0.000010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Sodium, dissolved	7440-23-5	3.28	0.050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Strontium, dissolved	7440-24-6	0.0642	0.00020	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Sulfur, dissolved	7704-34-9	1.51	0.50	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Tellurium, dissolved	13494-80-9	<0.00020	0.00020	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Thallium, dissolved	7440-28-0	<0.000010	0.000010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Thorium, dissolved	7440-29-1	<0.00010	0.00010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Tin, dissolved	7440-31-5	0.00011	0.00010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Titanium, dissolved	7440-32-6	0.00033	0.00030	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Tungsten, dissolved	7440-33-7	<0.00010	0.00010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Uranium, dissolved	7440-61-1	0.000069	0.000010	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259



Analytical Results

FC2600442-002

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Raw Water Chamber Tap

Client sampling date / time: 09-Mar-2026 07:15

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLOT
Dissolved Metals								
Vanadium, dissolved	7440-62-2	<0.00050	0.00050	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Zinc, dissolved	7440-66-6	0.0131 ^{DTC}	0.0010	mg/L	E421/EO	12-Mar-2026	14-Mar-2026	2489259
Zirconium, dissolved	7440-67-7	<0.00020	0.00020	mg/L	E421/EO	12-Mar-2026	12-Mar-2026	2489259
Dissolved metals filtration location	----	Field	-	-	EP421/EO	-	12-Mar-2026	2489259
Aggregate Organics								
Naphthenic acids	----	<1.0	1.0	mg/L	E565/EO	17-Mar-2026	19-Mar-2026	2498589
Volatile Organic Compounds [Fuels]								
Benzene	71-43-2	<0.50	0.50	µg/L	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Ethylbenzene	100-41-4	<0.50	0.50	µg/L	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Styrene	100-42-5	<0.50	0.50	µg/L	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Toluene	108-88-3	<0.50	0.50	µg/L	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Xylene, m+p-	179601-23-1	<0.40	0.40	µg/L	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Xylene, o-	95-47-6	<0.30	0.30	µg/L	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Xylenes, total	1330-20-7	<0.50	0.50	µg/L	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
BTEX, total	----	<1.0	1.0	µg/L	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Hydrocarbons								
F1 (C6-C10)	----	<100	100	µg/L	E581.F1/EO	11-Mar-2026	12-Mar-2026	2487578
F1-BTEX	----	<26	26	µg/L	EC580/EO	-	12-Mar-2026	-
F2 (C10-C16)	----	<100	100	µg/L	E601/EO	11-Mar-2026	11-Mar-2026	2487430
F3 (C16-C34)	----	<250	250	µg/L	E601/EO	11-Mar-2026	11-Mar-2026	2487430
F4 (C34-C50)	----	<250	250	µg/L	E601/EO	11-Mar-2026	11-Mar-2026	2487430
Hydrocarbons, total (C6-C50)	n/a	<380	380	µg/L	EC581/EO	-	12-Mar-2026	-
Hydrocarbons Surrogates								
Bromobenzotrifluoride, 2- (F2-F4 surrogate)	392-83-6	104	1.0	%	E601/EO	11-Mar-2026	11-Mar-2026	2487430
Dichlorotoluene, 3,4-	95-75-0	117	1.0	%	E581.F1/EO	11-Mar-2026	12-Mar-2026	2487578
Volatile Organic Compounds Surrogates								
Bromofluorobenzene, 4-	460-00-4	88.1	1.0	%	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Diffuorobenzene, 1,4-	540-36-3	95.5	1.0	%	E611A/EO	11-Mar-2026	12-Mar-2026	2487577
Polycyclic Aromatic Hydrocarbons								
Acenaphthene	83-32-9	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Acenaphthylene	208-96-8	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Acridine	260-94-6	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Anthracene	120-12-7	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Benz(a)anthracene	56-55-3	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Benzo(a)pyrene	50-32-8	<0.0050	0.0050	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Benzo(b+j)fluoranthene	n/a	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Benzo(b+j+k)fluoranthene	n/a	<0.015	0.015	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Benzo(e)pyrene	192-97-2	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Benzo(g,h,i)perylene	191-24-2	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Benzo(k)fluoranthene	207-08-9	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Chrysene	218-01-9	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Dibenz(a,h)anthracene	53-70-3	<0.0050	0.0050	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Fluoranthene	206-44-0	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Fluorene	86-73-7	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Indeno(1,2,3-cd)pyrene	193-39-5	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429



Analytical Results

FC2600442-002

Sub-Matrix: **Water**

(Matrix: **Water**)

Client sample ID: Raw Water Chamber Tap

Client sampling date / time: 09-Mar-2026 07:15

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polycyclic Aromatic Hydrocarbons								
Methylnaphthalene, 1-	90-12-0	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Methylnaphthalene, 1+2-	----	<0.015	0.015	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Methylnaphthalene, 2-	91-57-6	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Naphthalene	91-20-3	<0.050	0.050	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Perylene	198-55-0	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Phenanthrene	85-01-8	<0.020	0.020	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Pyrene	129-00-0	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Quinoline	91-22-5	<0.050	0.050	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
B(a)P total potency equivalents [B(a)P TPE]	----	<0.010	0.010	µg/L	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Polycyclic Aromatic Hydrocarbons Surrogates								
Chrysene-d12	1719-03-5	124	0.1	%	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Naphthalene-d8	1146-65-2	92.5	0.1	%	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Phenanthrene-d10	1517-22-2	100	0.1	%	E641A/EO	11-Mar-2026	11-Mar-2026	2487429
Disinfectant By-Products								
Chlorate	14866-68-3	<0.010	0.010	mg/L	E409.CLO3/WT	13-Mar-2026	13-Mar-2026	2491706
Chlorite	14998-27-7	<0.010	0.010	mg/L	E409.CLO2/WT	13-Mar-2026	13-Mar-2026	2491705

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

