

CERTIFICATE OF ANALYSIS

Work Order	: FC2600238	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	: 05-Feb-2026 16:45
PO	: 4500067725	Date Analysis Commenced	: 06-Feb-2026
C-O-C number	: ----	Issue Date	: 19-Feb-2026 15:17
Sampler	: TSP		
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
Kari Mulroy	Lab Supervisor - Environmental	Organics, Edmonton, Alberta
Kevin Baxter	Team Leader - Inorganics	Inorganics, Calgary, Alberta
Miles Gropen	Department Manager - Inorganics	Inorganics, Burnaby, British Columbia
Shruti Mudliar	Lab Analyst	Inorganics, Edmonton, Alberta
Walt Kippenhuck	Supervisor - Inorganic	Inorganics, Waterloo, Ontario



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>
SHMI	Surrogate recovery was outside ALS DQO (High) due to Matrix Interference



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	05-Feb-2026 08:43	05-Feb-2026 08:50	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2600238-001	FC2600238-002	----	----	----	
					Result	Result	----	----	----	
Physical Tests										
Alkalinity, bicarbonate (as HCO ₃)	71-52-3	E290/EO	1.2	mg/L	72.1	44.4	----	----	----	
Alkalinity, carbonate (as CO ₃)	3812-32-6	E290/EO	1.0	mg/L	1.1	<0.6	----	----	----	
Alkalinity, hydroxide (as OH)	14280-30-9	E290/EO	1.0	mg/L	<0.3	<0.3	----	----	----	
Alkalinity, total (as CaCO ₃)	----	E290/EO	1.0	mg/L	60.9	36.4	----	----	----	
Conductivity	----	E100/EO	1.0	µS/cm	166	95.6	----	----	----	
Hardness (as CaCO ₃), dissolved	----	EC100/EO	0.50	mg/L	40.1	36.7	----	----	----	
pH	----	E108/EO	0.10	pH units	8.60	7.51	----	----	----	
Salinity	----	EC100S/VA	1.0	psu	<1.0	<1.0	----	----	----	
Solids, total dissolved [TDS], calculated	----	EC103/EO	1.0	mg/L	96.9	55.4	----	----	----	
Anions and Nutrients										
Chloride	16887-00-6	E235.Cl/EO	0.50	mg/L	15.3	4.26	----	----	----	
Fluoride	16984-48-8	E235.F/EO	0.020	mg/L	0.026	0.050	----	----	----	
Nitrate (as N)	14797-55-8	E235.NO3/EO	0.020	mg/L	0.059	0.059	----	----	----	
Nitrate + Nitrite (as N)	----	EC235.N+N/EO	0.0032	mg/L	0.0590	0.0590	----	----	----	
Nitrite (as N)	14797-65-0	E235.NO2/EO	0.010	mg/L	<0.010	<0.010	----	----	----	
Sulfate (as SO ₄)	14808-79-8	E235.SO4/EO	0.30	mg/L	6.38	5.16	----	----	----	
Total Sulfides										
Sulfide, total (as S)	18496-25-8	E395/CG	0.0015	mg/L	<0.0015	<0.0015	----	----	----	
Sulfide, total (as H ₂ S)	7783-06-4	E395/CG	0.0016	mg/L	<0.0016	<0.0016	----	----	----	
Metals										
Sodium adsorption ratio [SAR]	----	EC102A/EO	0.10	-	1.22	0.24	----	----	----	



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	05-Feb-2026 08:43	05-Feb-2026 08:50	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2600238-001	FC2600238-002	----	----	----	----
					Result	Result	----	----	----	----
Ion Balance										
Ion balance (cations/anions)	----	EC101/EO	0.010	%	89.4	95.8	----	----	----	----
Total Metals										
Aluminum, total	7429-90-5	E420/EO	0.0030	mg/L	0.0189	0.102	----	----	----	----
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	0.00012	0.00026	----	----	----	----
Barium, total	7440-39-3	E420/EO	0.00010	mg/L	0.0188	0.0195	----	----	----	----
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	11.1	9.41	----	----	----	----
Cesium, total	7440-46-2	E420/EO	0.000010	mg/L	<0.000010	0.000015	----	----	----	----
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	0.00058	0.00137	----	----	----	----
Iron, total	7439-89-6	E420/EO	0.010	mg/L	<0.010	0.175	----	----	----	----
Lead, total	7439-92-1	E420/EO	0.000050	mg/L	<0.000050	0.000075	----	----	----	----
Lithium, total	7439-93-2	E420/EO	0.0010	mg/L	0.0034	0.0029	----	----	----	----
Magnesium, total	7439-95-4	E420/EO	0.0050	mg/L	3.23	3.28	----	----	----	----
Manganese, total	7439-96-5	E420/EO	0.00010	mg/L	0.00660	0.00997	----	----	----	----
Molybdenum, total	7439-98-7	E420/EO	0.000050	mg/L	0.000219	0.000266	----	----	----	----



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	05-Feb-2026 08:43	05-Feb-2026 08:50	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2600238-001	FC2600238-002	----	----	----	----
					Result	Result	----	----	----	----
Total Metals										
Nickel, total	7440-02-0	E420/EO	0.00050	mg/L	<0.00050	0.00059	----	----	----	----
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	1.00	1.02	----	----	----	----
Rubidium, total	7440-17-7	E420/EO	0.00020	mg/L	0.00100	0.00118	----	----	----	----
Selenium, total	7782-49-2	E420/EO	0.000050	mg/L	<0.000050	0.000060	----	----	----	----
Silicon, total	7440-21-3	E420/EO	0.10	mg/L	2.23	2.56	----	----	----	----
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	20.2	3.85	----	----	----	----
Strontium, total	7440-24-6	E420/EO	0.00020	mg/L	0.0737	0.0696	----	----	----	----
Sulfur, total	7704-34-9	E420/EO	0.50	mg/L	1.74	1.76	----	----	----	----
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	0.00013	<0.00010	----	----	----	----
Titanium, total	7440-32-6	E420/EO	0.00030	mg/L	<0.00030	0.00262	----	----	----	----
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	0.000074	----	----	----	----
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	05-Feb-2026 08:43	05-Feb-2026 08:50	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2600238-001	FC2600238-002	----	----	----	----
					Result	Result	----	----	----	----
Dissolved Metals										
Dissolved metals filtration location	----	EP421/EO	-	-	Field	Field	----	----	----	----
Aggregate Organics										
Naphthenic acids	----	E565/EO	1.0	mg/L	<1.0	<1.0	----	----	----	----
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	<100	<100	----	----	----	----
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	%	107	105	----	----	----	----



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	05-Feb-2026 08:43	05-Feb-2026 08:50	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2600238-001	FC2600238-002	----	----	----	
					Result	Result	----	----	----	
Hydrocarbons Surrogates										
Dichlorotoluene, 3,4-	95-75-0	E581.F1/EO	1.0	%	106	108	----	----	----	
Volatile Organic Compounds Surrogates										
Bromofluorobenzene, 4-	460-00-4	E611A/EO	1.0	%	90.4	89.1	----	----	----	
Difluorobenzene, 1,4-	540-36-3	E611A/EO	1.0	%	99.5	104	----	----	----	
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	----	----	----	



Analytical Results

Sub-Matrix: Water
 (Matrix: Water)

					Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	05-Feb-2026 08:43	05-Feb-2026 08:50	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit	FC2600238-001	FC2600238-002	----	----	----	
					Result	Result	----	----	----	
Polycyclic Aromatic Hydrocarbons										
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	----	----	----	
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	%	169 ^{SHMI}	163 ^{SHMI}	----	----	----	
Naphthalene-d8	1146-65-2	E641A/EO	0.1	%	106	95.0	----	----	----	
Phenanthrene-d10	1517-22-2	E641A/EO	0.1	%	102	101	----	----	----	
Disinfectant By-Products										
Chlorate	14866-68-3	E409.CLO3/WT	0.010	mg/L	0.110	<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	: FC2600238	Page	: 1 of 8
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	: 05-Feb-2026 16:45
PO	: 4500067725	Date Analysis	: 06-Feb-2026
C-O-C number	: ----	Commenced	
Sampler	: TSP	Issue Date	: 19-Feb-2026 15:17
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
Kari Mulroy	Lab Supervisor - Environmental	Organics, Edmonton, Alberta
Kevin Baxter	Team Leader - Inorganics	Inorganics, Calgary, Alberta
Miles Gropen	Department Manager - Inorganics	Inorganics, Burnaby, British Columbia
Shruti Mudliar	Lab Analyst	Inorganics, Edmonton, Alberta
Walt Kippenhuck	Supervisor - Inorganic	Inorganics, Waterloo, Ontario



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>
SHMI	Surrogate recovery was outside ALS DQO (High) due to Matrix Interference



Analytical Results

FC2600238-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Treated Water

Client sampling date / time: 05-Feb-2026 08:43

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Physical Tests								
Alkalinity, bicarbonate (as HCO ₃)	71-52-3	72.1	1.2	mg/L	E290/EO	06-Feb-2026	06-Feb-2026	2444634
Alkalinity, carbonate (as CO ₃)	3812-32-6	1.1	0.6	mg/L	E290/EO	06-Feb-2026	06-Feb-2026	2444634
Alkalinity, hydroxide (as OH)	14280-30-9	<0.3	0.3	mg/L	E290/EO	06-Feb-2026	06-Feb-2026	2444634
Alkalinity, total (as CaCO ₃)	----	60.9	1.0	mg/L	E290/EO	06-Feb-2026	06-Feb-2026	2444634
Conductivity	----	166	1.0	µS/cm	E100/EO	06-Feb-2026	06-Feb-2026	2444632
Hardness (as CaCO ₃), dissolved	----	40.1	0.50	mg/L	EC100/EO	-	07-Feb-2026	-
pH	----	8.60	0.10	pH units	E108/EO	06-Feb-2026	06-Feb-2026	2444633
Salinity	----	<1.0	1.0	psu	EC100S/VA	-	11-Feb-2026	-
Solids, total dissolved [TDS], calculated	----	96.9	1.0	mg/L	EC103/EO	-	07-Feb-2026	-
Anions and Nutrients								
Chloride	16887-00-6	15.3	0.50	mg/L	E235.Cl/EO	06-Feb-2026	06-Feb-2026	2444636
Fluoride	16984-48-8	0.026	0.020	mg/L	E235.F/EO	06-Feb-2026	06-Feb-2026	2444637
Nitrate (as N)	14797-55-8	0.059	0.020	mg/L	E235.NO3/EO	06-Feb-2026	06-Feb-2026	2444639
Nitrate + Nitrite (as N)	----	0.0590	0.022	mg/L	EC235.N+N/EO	-	07-Feb-2026	-
Nitrite (as N)	14797-65-0	<0.010	0.010	mg/L	E235.NO2/EO	06-Feb-2026	06-Feb-2026	2444638
Sulfate (as SO ₄)	14808-79-8	6.38	0.30	mg/L	E235.SO4/EO	06-Feb-2026	06-Feb-2026	2444640
Total Sulfides								
Sulfide, total (as S)	18496-25-8	<0.0015	0.0015	mg/L	E395/CG	-	07-Feb-2026	2445426
Sulfide, total (as H ₂ S)	7783-06-4	<0.0016	0.0016	mg/L	E395/CG	-	07-Feb-2026	2445426
Metals								
Sodium adsorption ratio [SAR]	----	1.22	0.10	-	EC102A/EO	-	07-Feb-2026	-
Ion Balance								
Ion balance (cations/anions)	----	89.4	0.010	%	EC101/EO	-	07-Feb-2026	-
Total Metals								
Aluminum, total	7429-90-5	0.0189	0.0030	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Antimony, total	7440-36-0	<0.00010	0.00010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Arsenic, total	7440-38-2	0.00012	0.00010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Barium, total	7440-39-3	0.0188	0.00010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Beryllium, total	7440-41-7	<0.000020	0.000020	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Bismuth, total	7440-69-9	<0.000050	0.000050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Boron, total	7440-42-8	0.016	0.010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Cadmium, total	7440-43-9	<0.000050	0.000050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Calcium, total	7440-70-2	11.1	0.050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Cesium, total	7440-46-2	<0.000010	0.000010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Chromium, total	7440-47-3	<0.00050	0.00050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Cobalt, total	7440-48-4	<0.00010	0.00010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Copper, total	7440-50-8	0.00058	0.00050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Iron, total	7439-89-6	<0.010	0.010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Lead, total	7439-92-1	<0.000050	0.000050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Lithium, total	7439-93-2	0.0034	0.0010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Magnesium, total	7439-95-4	3.23	0.0050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Manganese, total	7439-96-5	0.00660	0.00010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Molybdenum, total	7439-98-7	0.000219	0.000050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Nickel, total	7440-02-0	<0.00050	0.00050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Phosphorus, total	7723-14-0	<0.050	0.050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320



Analytical Results

FC2600238-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Treated Water

Client sampling date / time: 05-Feb-2026 08:43

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QC Lot
Total Metals								
Potassium, total	7440-09-7	1.00	0.050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Rubidium, total	7440-17-7	0.00100	0.00020	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Selenium, total	7782-49-2	<0.000050	0.000050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Silicon, total	7440-21-3	2.23	0.10	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Silver, total	7440-22-4	<0.000010	0.000010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Sodium, total	7440-23-5	20.2	0.050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Strontium, total	7440-24-6	0.0737	0.00020	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Sulfur, total	7704-34-9	1.74	0.50	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Tellurium, total	13494-80-9	<0.00020	0.00020	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Thallium, total	7440-28-0	<0.000010	0.000010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Thorium, total	7440-29-1	<0.00010	0.00010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Tin, total	7440-31-5	0.00013	0.00010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Titanium, total	7440-32-6	<0.00030	0.00030	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Tungsten, total	7440-33-7	<0.00010	0.00010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Uranium, total	7440-61-1	<0.000010	0.000010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Vanadium, total	7440-62-2	<0.00050	0.00050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Zinc, total	7440-66-6	<0.0030	0.0030	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Zirconium, total	7440-67-7	<0.00020	0.00020	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448320
Dissolved Metals								
Dissolved metals filtration location	----	Field	-	-	EP421/EO	-	06-Feb-2026	2444520
Aggregate Organics								
Naphthenic acids	----	<1.0	1.0	mg/L	E565/EO	11-Feb-2026	19-Feb-2026	2450644
Volatile Organic Compounds [Fuels]								
Benzene	71-43-2	<0.50	0.50	µg/L	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Ethylbenzene	100-41-4	<0.50	0.50	µg/L	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Styrene	100-42-5	<0.50	0.50	µg/L	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Toluene	108-88-3	<0.50	0.50	µg/L	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Xylene, m+p-	179601-23-1	<0.40	0.40	µg/L	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Xylene, o-	95-47-6	<0.30	0.30	µg/L	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Xylenes, total	1330-20-7	<0.50	0.50	µg/L	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
BTEX, total	----	<1.0	1.0	µg/L	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Hydrocarbons								
F1 (C6-C10)	----	<100	100	µg/L	E581.F1/EO	09-Feb-2026	11-Feb-2026	2447349
F1-BTEX	----	<100	100	µg/L	EC580/EO	-	11-Feb-2026	-
F2 (C10-C16)	----	<100	100	µg/L	E601/EO	10-Feb-2026	10-Feb-2026	2448740
F3 (C16-C34)	----	<250	250	µg/L	E601/EO	10-Feb-2026	10-Feb-2026	2448740
F4 (C34-C50)	----	<250	250	µg/L	E601/EO	10-Feb-2026	10-Feb-2026	2448740
Hydrocarbons, total (C6-C50)	n/a	<380	380	µg/L	EC581/EO	-	11-Feb-2026	-
Hydrocarbons Surrogates								
Bromobenzotrifluoride, 2- (F2-F4 surrogate)	392-83-6	107	1.0	%	E601/EO	10-Feb-2026	10-Feb-2026	2448740
Dichlorotoluene, 3,4-	95-75-0	106	1.0	%	E581.F1/EO	09-Feb-2026	11-Feb-2026	2447349
Volatile Organic Compounds Surrogates								
Bromofluorobenzene, 4-	460-00-4	90.4	1.0	%	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Difluorobenzene, 1,4-	540-36-3	99.5	1.0	%	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Polycyclic Aromatic Hydrocarbons								



Analytical Results

FC2600238-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Treated Water

Client sampling date / time: 05-Feb-2026 08:43

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polycyclic Aromatic Hydrocarbons								
Acenaphthene	83-32-9	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Acenaphthylene	208-96-8	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Acridine	260-94-6	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Anthracene	120-12-7	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Benz(a)anthracene	56-55-3	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Benzo(a)pyrene	50-32-8	<0.0050	0.0050	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Benzo(b+j)fluoranthene	n/a	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Benzo(b+j+k)fluoranthene	n/a	<0.015	0.015	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Benzo(e)pyrene	192-97-2	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Benzo(g,h,i)perylene	191-24-2	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Benzo(k)fluoranthene	207-08-9	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Chrysene	218-01-9	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Dibenz(a,h)anthracene	53-70-3	<0.0050	0.0050	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Fluoranthene	206-44-0	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Fluorene	86-73-7	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Indeno(1,2,3-cd)pyrene	193-39-5	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Methylnaphthalene, 1-	90-12-0	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Methylnaphthalene, 1+2-	----	<0.015	0.015	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Methylnaphthalene, 2-	91-57-6	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Naphthalene	91-20-3	<0.050	0.050	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Perylene	198-55-0	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Phenanthrene	85-01-8	<0.020	0.020	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Pyrene	129-00-0	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Quinoline	91-22-5	<0.050	0.050	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
B(a)P total potency equivalents [B(a)P TPE]	----	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Polycyclic Aromatic Hydrocarbons Surrogates								
Chrysene-d12	1719-03-5	169 ^{SHML}	0.1	%	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Naphthalene-d8	1146-65-2	106	0.1	%	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Phenanthrene-d10	1517-22-2	102	0.1	%	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Disinfectant By-Products								
Chlorate	14866-68-3	0.110	0.010	mg/L	E409.CLO3/WT	10-Feb-2026	10-Feb-2026	2448992
Chlorite	14998-27-7	<0.010	0.010	mg/L	E409.CLO2/WT	10-Feb-2026	10-Feb-2026	2448991

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

Analytical Results

FC2600238-002

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Raw Water Chamber Tap

Client sampling date / time: 05-Feb-2026 08:50

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Physical Tests								
Alkalinity, bicarbonate (as HCO ₃)	71-52-3	44.4	1.2	mg/L	E290/EO	06-Feb-2026	06-Feb-2026	2444634
Alkalinity, carbonate (as CO ₃)	3812-32-6	<0.6	0.6	mg/L	E290/EO	06-Feb-2026	06-Feb-2026	2444634
Alkalinity, hydroxide (as OH)	14280-30-9	<0.3	0.3	mg/L	E290/EO	06-Feb-2026	06-Feb-2026	2444634



Analytical Results

FC2600238-002

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Raw Water Chamber Tap

Client sampling date / time: 05-Feb-2026 08:50

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Physical Tests								
Alkalinity, total (as CaCO3)	----	36.4	1.0	mg/L	E290/EO	06-Feb-2026	06-Feb-2026	2444634
Conductivity	----	95.6	1.0	µS/cm	E100/EO	06-Feb-2026	06-Feb-2026	2444632
Hardness (as CaCO3), dissolved	----	36.7	0.50	mg/L	EC100/EO	-	07-Feb-2026	-
pH	----	7.51	0.10	pH units	E108/EO	06-Feb-2026	06-Feb-2026	2444633
Salinity	----	<1.0	1.0	psu	EC100S/VA	-	12-Feb-2026	-
Solids, total dissolved [TDS], calculated	----	55.4	1.0	mg/L	EC103/EO	-	07-Feb-2026	-
Anions and Nutrients								
Chloride	16887-00-6	4.26	0.50	mg/L	E235.Cl/EO	06-Feb-2026	06-Feb-2026	2444636
Fluoride	16984-48-8	0.050	0.020	mg/L	E235.F/EO	06-Feb-2026	06-Feb-2026	2444637
Nitrate (as N)	14797-55-8	0.059	0.020	mg/L	E235.NO3/EO	06-Feb-2026	06-Feb-2026	2444639
Nitrate + Nitrite (as N)	----	0.0590	0.022	mg/L	EC235.N+N/EO	-	07-Feb-2026	-
Nitrite (as N)	14797-65-0	<0.010	0.010	mg/L	E235.NO2/EO	06-Feb-2026	06-Feb-2026	2444638
Sulfate (as SO4)	14808-79-8	5.16	0.30	mg/L	E235.SO4/EO	06-Feb-2026	06-Feb-2026	2444640
Total Sulfides								
Sulfide, total (as S)	18496-25-8	<0.0015	0.0015	mg/L	E395/CG	-	07-Feb-2026	2445426
Sulfide, total (as H2S)	7783-06-4	<0.0016	0.0016	mg/L	E395/CG	-	07-Feb-2026	2445426
Metals								
Sodium adsorption ratio [SAR]	----	0.24	0.10	-	EC102A/EO	-	07-Feb-2026	-
Ion Balance								
Ion balance (cations/anions)	----	95.8	0.010	%	EC101/EO	-	07-Feb-2026	-
Total Metals								
Aluminum, total	7429-90-5	0.102	0.0030	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Antimony, total	7440-36-0	<0.00010	0.00010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Arsenic, total	7440-38-2	0.00026	0.00010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Barium, total	7440-39-3	0.0195	0.00010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Beryllium, total	7440-41-7	<0.000020	0.000020	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Bismuth, total	7440-69-9	<0.000050	0.000050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Boron, total	7440-42-8	0.015	0.010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Cadmium, total	7440-43-9	<0.0000050	0.0000050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Calcium, total	7440-70-2	9.41	0.050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Cesium, total	7440-46-2	0.000015	0.000010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Chromium, total	7440-47-3	<0.00050	0.00050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Cobalt, total	7440-48-4	<0.00010	0.00010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Copper, total	7440-50-8	0.00137	0.00050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Iron, total	7439-89-6	0.175	0.010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Lead, total	7439-92-1	0.000075	0.000050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Lithium, total	7439-93-2	0.0029	0.0010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Magnesium, total	7439-95-4	3.28	0.0050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Manganese, total	7439-96-5	0.00997	0.00010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Molybdenum, total	7439-98-7	0.000266	0.000050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Nickel, total	7440-02-0	0.00059	0.00050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Phosphorus, total	7723-14-0	<0.050	0.050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Potassium, total	7440-09-7	1.02	0.050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Rubidium, total	7440-17-7	0.00118	0.00020	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Selenium, total	7782-49-2	0.000060	0.000050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321



Analytical Results

FC2600238-002

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Raw Water Chamber Tap

Client sampling date / time: 05-Feb-2026 08:50

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Total Metals								
Silicon, total	7440-21-3	2.56	0.10	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Silver, total	7440-22-4	<0.000010	0.000010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Sodium, total	7440-23-5	3.85	0.050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Strontium, total	7440-24-6	0.0696	0.00020	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Sulfur, total	7704-34-9	1.76	0.50	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Tellurium, total	13494-80-9	<0.00020	0.00020	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Thallium, total	7440-28-0	<0.000010	0.000010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Thorium, total	7440-29-1	<0.00010	0.00010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Tin, total	7440-31-5	<0.00010	0.00010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Titanium, total	7440-32-6	0.00262	0.00030	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Tungsten, total	7440-33-7	<0.00010	0.00010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Uranium, total	7440-61-1	0.000074	0.000010	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Vanadium, total	7440-62-2	<0.00050	0.00050	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Zinc, total	7440-66-6	<0.0030	0.0030	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Zirconium, total	7440-67-7	<0.00020	0.00020	mg/L	E420/EO	10-Feb-2026	10-Feb-2026	2448321
Dissolved Metals								
Dissolved metals filtration location	----	Field	-	-	EP421/EO	-	06-Feb-2026	2444520
Aggregate Organics								
Naphthenic acids	----	<1.0	1.0	mg/L	E565/EO	11-Feb-2026	19-Feb-2026	2450644
Volatile Organic Compounds [Fuels]								
Benzene	71-43-2	<0.50	0.50	µg/L	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Ethylbenzene	100-41-4	<0.50	0.50	µg/L	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Styrene	100-42-5	<0.50	0.50	µg/L	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Toluene	108-88-3	<0.50	0.50	µg/L	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Xylene, m+p-	179601-23-1	<0.40	0.40	µg/L	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Xylene, o-	95-47-6	<0.30	0.30	µg/L	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Xylenes, total	1330-20-7	<0.50	0.50	µg/L	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
BTEX, total	----	<1.0	1.0	µg/L	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Hydrocarbons								
F1 (C6-C10)	----	<100	100	µg/L	E581.F1/EO	09-Feb-2026	11-Feb-2026	2447349
F1-BTEX	----	<100	100	µg/L	EC580/EO	-	11-Feb-2026	-
F2 (C10-C16)	----	<100	100	µg/L	E601/EO	10-Feb-2026	10-Feb-2026	2448740
F3 (C16-C34)	----	<250	250	µg/L	E601/EO	10-Feb-2026	10-Feb-2026	2448740
F4 (C34-C50)	----	<250	250	µg/L	E601/EO	10-Feb-2026	10-Feb-2026	2448740
Hydrocarbons, total (C6-C50)	n/a	<380	380	µg/L	EC581/EO	-	11-Feb-2026	-
Hydrocarbons Surrogates								
Bromobenzotrifluoride, 2- (F2-F4 surrogate)	392-83-6	105	1.0	%	E601/EO	10-Feb-2026	10-Feb-2026	2448740
Dichlorotoluene, 3,4-	95-75-0	108	1.0	%	E581.F1/EO	09-Feb-2026	11-Feb-2026	2447349
Volatile Organic Compounds Surrogates								
Bromofluorobenzene, 4-	460-00-4	89.1	1.0	%	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Difluorobenzene, 1,4-	540-36-3	104	1.0	%	E611A/EO	09-Feb-2026	11-Feb-2026	2447350
Polycyclic Aromatic Hydrocarbons								
Acenaphthene	83-32-9	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Acenaphthylene	208-96-8	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Acridine	260-94-6	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741



Analytical Results

FC2600238-002

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Raw Water Chamber Tap

Client sampling date / time: 05-Feb-2026 08:50

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot
Polycyclic Aromatic Hydrocarbons								
Anthracene	120-12-7	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Benz(a)anthracene	56-55-3	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Benzo(a)pyrene	50-32-8	<0.0050	0.0050	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Benzo(b+j)fluoranthene	n/a	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Benzo(b+j+k)fluoranthene	n/a	<0.015	0.015	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Benzo(e)pyrene	192-97-2	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Benzo(g,h,i)perylene	191-24-2	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Benzo(k)fluoranthene	207-08-9	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Chrysene	218-01-9	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Dibenz(a,h)anthracene	53-70-3	<0.0050	0.0050	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Fluoranthene	206-44-0	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Fluorene	86-73-7	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Indeno(1,2,3-cd)pyrene	193-39-5	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Methylnaphthalene, 1-	90-12-0	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Methylnaphthalene, 1+2-	----	<0.015	0.015	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Methylnaphthalene, 2-	91-57-6	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Naphthalene	91-20-3	<0.050	0.050	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Perylene	198-55-0	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Phenanthrene	85-01-8	<0.020	0.020	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Pyrene	129-00-0	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Quinoline	91-22-5	<0.050	0.050	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
B(a)P total potency equivalents [B(a)P TPE]	----	<0.010	0.010	µg/L	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Polycyclic Aromatic Hydrocarbons Surrogates								
Chrysene-d12	1719-03-5	163 ^{SHML}	0.1	%	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Naphthalene-d8	1146-65-2	95.0	0.1	%	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Phenanthrene-d10	1517-22-2	101	0.1	%	E641A/EO	10-Feb-2026	10-Feb-2026	2448741
Disinfectant By-Products								
Chlorate	14866-68-3	<0.010	0.010	mg/L	E409.CLO3/WT	10-Feb-2026	10-Feb-2026	2448992
Chlorite	14998-27-7	<0.010	0.010	mg/L	E409.CLO2/WT	10-Feb-2026	10-Feb-2026	2448991

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