



CERTIFICATE OF ANALYSIS

Work Order	: FC2300884	Page	: 1 of 5
Client	: Regional Municipality of Wood Buffalo	Laboratory	: Fort McMurray - Environmental
Contact	: Water Treatment Plant	Account Manager	: Megan Trydal
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 Imperial Release	Date Samples Received	: 14-Apr-2023 16:10
PO	: 4500049712	Date Analysis Commenced	: 15-Apr-2023
C-O-C number	: ----	Issue Date	: 17-Apr-2023 15:55
Sampler	: ----		
Site	: Schedule 4: Fort Chip		
Quote number	: Q61323 (Fort chip)		
No. of samples received	: 3		
No. of samples analysed	: 3		

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

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>
Dan Nguyen	Team Leader - Inorganics	Metals, Edmonton, Alberta
Daniel Nguyen	Lab Assistant	Metals, 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
mg/L	milligrams per litre

<: 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.



Analytical Results

Sub-Matrix: Water (Matrix: Water)					Client sample ID	Raw Water-Lake Intake	Raw Water Chamber Tap	Treated Water	----	----
Client sampling date / time					14-Apr-2023 09:00	14-Apr-2023 09:00	14-Apr-2023 09:00	----	----	
Analyte	CAS Number	Method	LOR	Unit	FC2300884-001 Result	FC2300884-002 Result	FC2300884-003 Result	----- ----	----- ----	
Total Metals										
Aluminum, total	7429-90-5	E420	0.0030	mg/L	0.251	0.159	0.0141	----	----	
Antimony, total	7440-36-0	E420	0.00010	mg/L	<0.00010	<0.00010	<0.00010	----	----	
Arsenic, total	7440-38-2	E420	0.00010	mg/L	0.00034	0.00031	0.00017	----	----	
Barium, total	7440-39-3	E420	0.00010	mg/L	0.0185	0.0176	0.0166	----	----	
Beryllium, total	7440-41-7	E420	0.000020	mg/L	<0.000020	<0.000020	<0.000020	----	----	
Bismuth, total	7440-69-9	E420	0.000050	mg/L	<0.000050	<0.000050	<0.000050	----	----	
Boron, total	7440-42-8	E420	0.010	mg/L	0.015	0.017	0.016	----	----	
Cadmium, total	7440-43-9	E420	0.0000050	mg/L	0.0000109	0.0000064	<0.0000050	----	----	
Calcium, total	7440-70-2	E420	0.050	mg/L	8.12	8.67	9.43	----	----	
Cesium, total	7440-46-2	E420	0.000010	mg/L	0.000047	0.000023	<0.000010	----	----	
Chromium, total	7440-47-3	E420	0.00050	mg/L	0.00060	<0.00050	<0.00050	----	----	
Cobalt, total	7440-48-4	E420	0.00010	mg/L	0.00011	<0.00010	<0.00010	----	----	
Copper, total	7440-50-8	E420	0.00050	mg/L	0.00081	0.00140	<0.00050	----	----	
Iron, total	7439-89-6	E420	0.010	mg/L	0.384	0.167	<0.010	----	----	
Lead, total	7439-92-1	E420	0.000050	mg/L	0.000218	0.000067	<0.000050	----	----	
Lithium, total	7439-93-2	E420	0.0010	mg/L	0.0033	0.0032	0.0033	----	----	
Magnesium, total	7439-95-4	E420	0.0050	mg/L	2.52	2.67	2.70	----	----	
Manganese, total	7439-96-5	E420	0.00010	mg/L	0.00902	0.00534	0.00358	----	----	
Molybdenum, total	7439-98-7	E420	0.000050	mg/L	0.000214	0.000203	0.000181	----	----	
Nickel, total	7440-02-0	E420	0.00050	mg/L	0.00079	<0.00050	<0.00050	----	----	
Phosphorus, total	7723-14-0	E420	0.050	mg/L	<0.050	<0.050	<0.050	----	----	
Potassium, total	7440-09-7	E420	0.050	mg/L	1.05	1.14	1.14	----	----	
Rubidium, total	7440-17-7	E420	0.00020	mg/L	0.00163	0.00132	0.00098	----	----	
Selenium, total	7782-49-2	E420	0.000050	mg/L	<0.000050	<0.000050	<0.000050	----	----	
Silicon, total	7440-21-3	E420	0.10	mg/L	2.82	2.81	2.36	----	----	
Silver, total	7440-22-4	E420	0.000010	mg/L	<0.000010	<0.000010	<0.000010	----	----	
Sodium, total	7440-23-5	E420	0.050	mg/L	2.71	3.04	14.2	----	----	
Strontium, total	7440-24-6	E420	0.00020	mg/L	0.0601	0.0649	0.0676	----	----	



Analytical Results

Sub-Matrix: Water (Matrix: Water)					Client sample ID	Raw Water-Lake Intake	Raw Water Chamber Tap	Treated Water	----	----
Client sampling date / time					14-Apr-2023 09:00	14-Apr-2023 09:00	14-Apr-2023 09:00	----	----	
Analyte	CAS Number	Method	LOR	Unit	FC2300884-001	FC2300884-002	FC2300884-003	-----	-----	
					Result	Result	Result	----	----	
Total Metals										
Sulfur, total	7704-34-9	E420	0.50	mg/L	1.45	1.61	1.62	----	----	
Tellurium, total	13494-80-9	E420	0.00020	mg/L	<0.00020	<0.00020	<0.00020	----	----	
Thallium, total	7440-28-0	E420	0.000010	mg/L	<0.000010	<0.000010	<0.000010	----	----	
Thorium, total	7440-29-1	E420	0.00010	mg/L	<0.00010	<0.00010	<0.00010	----	----	
Tin, total	7440-31-5	E420	0.00010	mg/L	<0.00010	<0.00010	<0.00010	----	----	
Titanium, total	7440-32-6	E420	0.00030	mg/L	0.00811	0.00418	<0.00030	----	----	
Tungsten, total	7440-33-7	E420	0.00010	mg/L	<0.00010	<0.00010	<0.00010	----	----	
Uranium, total	7440-61-1	E420	0.000010	mg/L	0.000116	0.000099	<0.000010	----	----	
Vanadium, total	7440-62-2	E420	0.00050	mg/L	0.00110	0.00075	<0.00050	----	----	
Zinc, total	7440-66-6	E420	0.0030	mg/L	0.0042	<0.0030	<0.0030	----	----	
Zirconium, total	7440-67-7	E420	0.00020	mg/L	0.00020	<0.00020	<0.00020	----	----	
Dissolved Metals										
Aluminum, dissolved	7429-90-5	E421	0.0010	mg/L	0.0051	0.0087	0.0133	----	----	
Antimony, dissolved	7440-36-0	E421	0.00010	mg/L	<0.00010	<0.00010	<0.00010	----	----	
Arsenic, dissolved	7440-38-2	E421	0.00010	mg/L	0.00018	0.00020	0.00011	----	----	
Barium, dissolved	7440-39-3	E421	0.00010	mg/L	0.0155	0.0165	0.0171	----	----	
Beryllium, dissolved	7440-41-7	E421	0.000020	mg/L	<0.000020	<0.000020	<0.000020	----	----	
Bismuth, dissolved	7440-69-9	E421	0.000050	mg/L	<0.000050	<0.000050	<0.000050	----	----	
Boron, dissolved	7440-42-8	E421	0.010	mg/L	0.010	0.011	0.012	----	----	
Cadmium, dissolved	7440-43-9	E421	0.0000050	mg/L	0.0000054	<0.0000050	<0.0000050	----	----	
Calcium, dissolved	7440-70-2	E421	0.050	mg/L	7.85	8.52	9.18	----	----	
Cesium, dissolved	7440-46-2	E421	0.000010	mg/L	<0.000010	<0.000010	<0.000010	----	----	
Chromium, dissolved	7440-47-3	E421	0.00050	mg/L	<0.00050	<0.00050	<0.00050	----	----	
Cobalt, dissolved	7440-48-4	E421	0.00010	mg/L	<0.00010	<0.00010	<0.00010	----	----	
Copper, dissolved	7440-50-8	E421	0.00020	mg/L	0.00052	0.00111	0.00050	----	----	
Iron, dissolved	7439-89-6	E421	0.010	mg/L	0.035	0.027	<0.010	----	----	
Lead, dissolved	7439-92-1	E421	0.000050	mg/L	<0.000050	<0.000050	<0.000050	----	----	
Lithium, dissolved	7439-93-2	E421	0.0010	mg/L	0.0025	0.0028	0.0028	----	----	
Magnesium, dissolved	7439-95-4	E421	0.0050	mg/L	2.32	2.55	2.59	----	----	



Analytical Results

Sub-Matrix: Water (Matrix: Water)					Client sample ID	Raw Water-Lake Intake	Raw Water Chamber Tap	Treated Water	----	----
Client sampling date / time					14-Apr-2023 09:00	14-Apr-2023 09:00	14-Apr-2023 09:00	----	----	
Analyte	CAS Number	Method	LOR	Unit	FC2300884-001 Result	FC2300884-002 Result	FC2300884-003 Result	----- ----	----- ----	
Dissolved Metals										
Manganese, dissolved	7439-96-5	E421	0.00010	mg/L	0.00360	0.00307	0.00239	----	----	
Molybdenum, dissolved	7439-98-7	E421	0.000050	mg/L	0.000218	0.000230	0.000214	----	----	
Nickel, dissolved	7440-02-0	E421	0.00050	mg/L	<0.00050	<0.00050	<0.00050	----	----	
Phosphorus, dissolved	7723-14-0	E421	0.050	mg/L	<0.050	<0.050	<0.050	----	----	
Potassium, dissolved	7440-09-7	E421	0.050	mg/L	0.882	0.999	1.02	----	----	
Rubidium, dissolved	7440-17-7	E421	0.00020	mg/L	0.00096	0.00094	0.00097	----	----	
Selenium, dissolved	7782-49-2	E421	0.000050	mg/L	0.000059	<0.000050	<0.000050	----	----	
Silicon, dissolved	7440-21-3	E421	0.050	mg/L	2.17	2.38	2.22	----	----	
Silver, dissolved	7440-22-4	E421	0.000010	mg/L	<0.000010	<0.000010	<0.000010	----	----	
Sodium, dissolved	7440-23-5	E421	0.050	mg/L	2.72	3.02	14.0	----	----	
Strontium, dissolved	7440-24-6	E421	0.00020	mg/L	0.0595	0.0627	0.0652	----	----	
Sulfur, dissolved	7704-34-9	E421	0.50	mg/L	0.65	1.04	0.76	----	----	
Tellurium, dissolved	13494-80-9	E421	0.00020	mg/L	<0.00020	<0.00020	<0.00020	----	----	
Thallium, dissolved	7440-28-0	E421	0.000010	mg/L	<0.000010	<0.000010	<0.000010	----	----	
Thorium, dissolved	7440-29-1	E421	0.00010	mg/L	<0.00010	<0.00010	<0.00010	----	----	
Tin, dissolved	7440-31-5	E421	0.00010	mg/L	<0.00010	<0.00010	<0.00010	----	----	
Titanium, dissolved	7440-32-6	E421	0.00030	mg/L	0.00033	0.00043	<0.00030	----	----	
Tungsten, dissolved	7440-33-7	E421	0.00010	mg/L	<0.00010	<0.00010	<0.00010	----	----	
Uranium, dissolved	7440-61-1	E421	0.000010	mg/L	0.000091	0.000082	<0.000010	----	----	
Vanadium, dissolved	7440-62-2	E421	0.00050	mg/L	<0.00050	<0.00050	<0.00050	----	----	
Zinc, dissolved	7440-66-6	E421	0.0010	mg/L	0.0017	<0.0010	<0.0010	----	----	
Zirconium, dissolved	7440-67-7	E421	0.00030	mg/L	<0.00030	<0.00030	<0.00030	----	----	
Dissolved metals filtration location	----	EP421	-	-	Laboratory	Laboratory	Laboratory	----	----	

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



CERTIFICATE OF ANALYSIS

Work Order	: FC2300884	Page	: 1 of 8
Client	: Regional Municipality of Wood Buffalo	Laboratory	: Fort McMurray - Environmental
Contact	: Water Treatment Plant	Account Manager	: Megan Trydal
Address	: 1 Silin Forest Road	Address	: #4, 340 Macalpine Crescent
	Fort McMurray AB Canada T9H 5A1		Fort McMurray AB Canada T9H 4A8
Telephone	: 780-762-5863	Telephone	: +1 780 791 1524
Project	: Fort Chipewyan Imperial Release	Date Samples Received	: 14-Apr-2023 16:10
PO	: 4500049712	Date Analysis	: 15-Apr-2023
		Commenced	
		Issue Date	: 17-Apr-2023 15:55
C-O-C number	: ----		
Sampler	: ----		
Site	: Schedule 4: Fort Chip		
Quote number	: Q61323 (Fort chip)		
No. of samples received	: 3		
No. of samples analysed	: 3		

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:

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- Analytical Results

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>
Dan Nguyen	Team Leader - Inorganics	Metals, Edmonton, Alberta
Daniel Nguyen	Lab Assistant	Metals, 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
mg/L	milligrams per litre

>: 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.



Analytical Results

FC2300884-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Raw Water-Lake Intake

Client sampling date / time: 14-Apr-2023 09:00

Analyte	CAS Number	Result	LOR	Unit	Method	Prep Date	Analysis Date	QCLot
Total Metals								
Aluminum, total	7429-90-5	0.251	0.0030	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Antimony, total	7440-36-0	<0.00010	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Arsenic, total	7440-38-2	0.00034	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Barium, total	7440-39-3	0.0185	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Beryllium, total	7440-41-7	<0.000020	0.000020	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Bismuth, total	7440-69-9	<0.000050	0.000050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Boron, total	7440-42-8	0.015	0.010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Cadmium, total	7440-43-9	0.0000109	0.0000050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Calcium, total	7440-70-2	8.12	0.050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Cesium, total	7440-46-2	0.000047	0.000010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Chromium, total	7440-47-3	0.00060	0.00050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Cobalt, total	7440-48-4	0.00011	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Copper, total	7440-50-8	0.00081	0.00050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Iron, total	7439-89-6	0.384	0.010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Lead, total	7439-92-1	0.000218	0.000050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Lithium, total	7439-93-2	0.0033	0.0010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Magnesium, total	7439-95-4	2.52	0.0050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Manganese, total	7439-96-5	0.00902	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Molybdenum, total	7439-98-7	0.000214	0.000050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Nickel, total	7440-02-0	0.00079	0.00050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Phosphorus, total	7723-14-0	<0.050	0.050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Potassium, total	7440-09-7	1.05	0.050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Rubidium, total	7440-17-7	0.00163	0.00020	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Selenium, total	7782-49-2	<0.000050	0.000050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Silicon, total	7440-21-3	2.82	0.10	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Silver, total	7440-22-4	<0.000010	0.000010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Sodium, total	7440-23-5	2.71	0.050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Strontium, total	7440-24-6	0.0601	0.00020	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Sulfur, total	7704-34-9	1.45	0.50	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Tellurium, total	13494-80-9	<0.00020	0.00020	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Thallium, total	7440-28-0	<0.000010	0.000010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Thorium, total	7440-29-1	<0.00010	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Tin, total	7440-31-5	<0.00010	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Titanium, total	7440-32-6	0.00811	0.00030	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Tungsten, total	7440-33-7	<0.00010	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Uranium, total	7440-61-1	0.000116	0.000010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Vanadium, total	7440-62-2	0.00110	0.00050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Zinc, total	7440-66-6	0.0042	0.0030	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Zirconium, total	7440-67-7	0.00020	0.00020	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Dissolved Metals								
Aluminum, dissolved	7429-90-5	0.0051	0.0010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Antimony, dissolved	7440-36-0	<0.00010	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Arsenic, dissolved	7440-38-2	0.00018	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Barium, dissolved	7440-39-3	0.0155	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Beryllium, dissolved	7440-41-7	<0.000020	0.000020	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Bismuth, dissolved	7440-69-9	<0.000050	0.000050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834



Analytical Results

FC2300884-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Raw Water-Lake Intake

Client sampling date / time: 14-Apr-2023 09:00

Analyte	CAS Number	Result	LOR	Unit	Method	Prep Date	Analysis Date	QCLot
Dissolved Metals								
Boron, dissolved	7440-42-8	0.010	0.010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Cadmium, dissolved	7440-43-9	0.000054	0.000050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Calcium, dissolved	7440-70-2	7.85	0.050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Cesium, dissolved	7440-46-2	<0.000010	0.000010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Chromium, dissolved	7440-47-3	<0.00050	0.00050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Cobalt, dissolved	7440-48-4	<0.00010	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Copper, dissolved	7440-50-8	0.00052	0.00020	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Iron, dissolved	7439-89-6	0.035	0.010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Lead, dissolved	7439-92-1	<0.000050	0.000050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Lithium, dissolved	7439-93-2	0.0025	0.0010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Magnesium, dissolved	7439-95-4	2.32	0.0050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Manganese, dissolved	7439-96-5	0.00360	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Molybdenum, dissolved	7439-98-7	0.000218	0.000050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Nickel, dissolved	7440-02-0	<0.00050	0.00050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Phosphorus, dissolved	7723-14-0	<0.050	0.050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Potassium, dissolved	7440-09-7	0.882	0.050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Rubidium, dissolved	7440-17-7	0.00096	0.00020	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Selenium, dissolved	7782-49-2	0.000059	0.000050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Silicon, dissolved	7440-21-3	2.17	0.050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Silver, dissolved	7440-22-4	<0.000010	0.000010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Sodium, dissolved	7440-23-5	2.72	0.050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Strontium, dissolved	7440-24-6	0.0595	0.00020	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Sulfur, dissolved	7704-34-9	0.65	0.50	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Tellurium, dissolved	13494-80-9	<0.00020	0.00020	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Thallium, dissolved	7440-28-0	<0.000010	0.000010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Thorium, dissolved	7440-29-1	<0.00010	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Tin, dissolved	7440-31-5	<0.00010	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Titanium, dissolved	7440-32-6	0.00033	0.00030	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Tungsten, dissolved	7440-33-7	<0.00010	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Uranium, dissolved	7440-61-1	0.000091	0.000010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Vanadium, dissolved	7440-62-2	<0.00050	0.00050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Zinc, dissolved	7440-66-6	0.0017	0.0010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Zirconium, dissolved	7440-67-7	<0.00030	0.00030	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Dissolved metals filtration location	----	Laboratory	-	-	EP421	-	15-Apr-2023	898834

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

Analytical Results

FC2300884-002

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Raw Water Chamber Tap

Client sampling date / time: 14-Apr-2023 09:00

Analyte	CAS Number	Result	LOR	Unit	Method	Prep Date	Analysis Date	QCLot
Total Metals								
Aluminum, total	7429-90-5	0.159	0.0030	mg/L	E420	17-Apr-2023	17-Apr-2023	899881



Analytical Results

FC2300884-002

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Raw Water Chamber Tap

Client sampling date / time: 14-Apr-2023 09:00

Analyte	CAS Number	Result	LOR	Unit	Method	Prep Date	Analysis Date	QCLOT
Total Metals								
Antimony, total	7440-36-0	<0.00010	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Arsenic, total	7440-38-2	0.00031	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Barium, total	7440-39-3	0.0176	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Beryllium, total	7440-41-7	<0.000020	0.000020	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Bismuth, total	7440-69-9	<0.000050	0.000050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Boron, total	7440-42-8	0.017	0.010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Cadmium, total	7440-43-9	0.0000064	0.0000050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Calcium, total	7440-70-2	8.67	0.050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Cesium, total	7440-46-2	0.000023	0.000010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Chromium, total	7440-47-3	<0.00050	0.00050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Cobalt, total	7440-48-4	<0.00010	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Copper, total	7440-50-8	0.00140	0.00050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Iron, total	7439-89-6	0.167	0.010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Lead, total	7439-92-1	0.000067	0.000050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Lithium, total	7439-93-2	0.0032	0.0010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Magnesium, total	7439-95-4	2.67	0.0050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Manganese, total	7439-96-5	0.00534	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Molybdenum, total	7439-98-7	0.000203	0.000050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Nickel, total	7440-02-0	<0.00050	0.00050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Phosphorus, total	7723-14-0	<0.050	0.050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Potassium, total	7440-09-7	1.14	0.050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Rubidium, total	7440-17-7	0.00132	0.00020	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Selenium, total	7782-49-2	<0.000050	0.000050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Silicon, total	7440-21-3	2.81	0.10	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Silver, total	7440-22-4	<0.000010	0.000010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Sodium, total	7440-23-5	3.04	0.050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Strontium, total	7440-24-6	0.0649	0.00020	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Sulfur, total	7704-34-9	1.61	0.50	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Tellurium, total	13494-80-9	<0.00020	0.00020	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Thallium, total	7440-28-0	<0.000010	0.000010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Thorium, total	7440-29-1	<0.00010	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Tin, total	7440-31-5	<0.00010	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Titanium, total	7440-32-6	0.00418	0.00030	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Tungsten, total	7440-33-7	<0.00010	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Uranium, total	7440-61-1	0.000099	0.000010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Vanadium, total	7440-62-2	0.00075	0.00050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Zinc, total	7440-66-6	<0.0030	0.0030	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Zirconium, total	7440-67-7	<0.00020	0.00020	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Dissolved Metals								
Aluminum, dissolved	7429-90-5	0.0087	0.0010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Antimony, dissolved	7440-36-0	<0.00010	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Arsenic, dissolved	7440-38-2	0.00020	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Barium, dissolved	7440-39-3	0.0165	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Beryllium, dissolved	7440-41-7	<0.000020	0.000020	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Bismuth, dissolved	7440-69-9	<0.000050	0.000050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Boron, dissolved	7440-42-8	0.011	0.010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834



Analytical Results

FC2300884-002

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Raw Water Chamber Tap

Client sampling date / time: 14-Apr-2023 09:00

Analyte	CAS Number	Result	LOR	Unit	Method	Prep Date	Analysis Date	QCLot
Dissolved Metals								
Cadmium, dissolved	7440-43-9	<0.000050	0.000050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Calcium, dissolved	7440-70-2	8.52	0.050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Cesium, dissolved	7440-46-2	<0.000010	0.000010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Chromium, dissolved	7440-47-3	<0.00050	0.00050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Cobalt, dissolved	7440-48-4	<0.00010	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Copper, dissolved	7440-50-8	0.00111	0.00020	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Iron, dissolved	7439-89-6	0.027	0.010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Lead, dissolved	7439-92-1	<0.000050	0.000050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Lithium, dissolved	7439-93-2	0.0028	0.0010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Magnesium, dissolved	7439-95-4	2.55	0.0050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Manganese, dissolved	7439-96-5	0.00307	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Molybdenum, dissolved	7439-98-7	0.000230	0.000050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Nickel, dissolved	7440-02-0	<0.00050	0.00050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Phosphorus, dissolved	7723-14-0	<0.050	0.050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Potassium, dissolved	7440-09-7	0.999	0.050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Rubidium, dissolved	7440-17-7	0.00094	0.00020	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Selenium, dissolved	7782-49-2	<0.000050	0.000050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Silicon, dissolved	7440-21-3	2.38	0.050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Silver, dissolved	7440-22-4	<0.000010	0.000010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Sodium, dissolved	7440-23-5	3.02	0.050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Strontium, dissolved	7440-24-6	0.0627	0.00020	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Sulfur, dissolved	7704-34-9	1.04	0.50	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Tellurium, dissolved	13494-80-9	<0.00020	0.00020	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Thallium, dissolved	7440-28-0	<0.000010	0.000010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Thorium, dissolved	7440-29-1	<0.00010	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Tin, dissolved	7440-31-5	<0.00010	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Titanium, dissolved	7440-32-6	0.00043	0.00030	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Tungsten, dissolved	7440-33-7	<0.00010	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Uranium, dissolved	7440-61-1	0.000082	0.000010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Vanadium, dissolved	7440-62-2	<0.00050	0.00050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Zinc, dissolved	7440-66-6	<0.0010	0.0010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Zirconium, dissolved	7440-67-7	<0.00030	0.00030	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Dissolved metals filtration location	----	Laboratory	-	-	EP421	-	15-Apr-2023	898834

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

Analytical Results

FC2300884-003

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Treated Water

Client sampling date / time: 14-Apr-2023 09:00

Analyte	CAS Number	Result	LOR	Unit	Method	Prep Date	Analysis Date	QCLot
Total Metals								
Aluminum, total	7429-90-5	0.0141	0.0030	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Antimony, total	7440-36-0	<0.00010	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881



Analytical Results

FC2300884-003

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Treated Water

Client sampling date / time: 14-Apr-2023 09:00

Analyte	CAS Number	Result	LOR	Unit	Method	Prep Date	Analysis Date	QCLOT
Total Metals								
Arsenic, total	7440-38-2	0.00017	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Barium, total	7440-39-3	0.0166	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Beryllium, total	7440-41-7	<0.000020	0.000020	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Bismuth, total	7440-69-9	<0.000050	0.000050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Boron, total	7440-42-8	0.016	0.010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Cadmium, total	7440-43-9	<0.0000050	0.0000050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Calcium, total	7440-70-2	9.43	0.050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Cesium, total	7440-46-2	<0.000010	0.000010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Chromium, total	7440-47-3	<0.00050	0.00050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Cobalt, total	7440-48-4	<0.00010	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Copper, total	7440-50-8	<0.00050	0.00050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Iron, total	7439-89-6	<0.010	0.010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Lead, total	7439-92-1	<0.000050	0.000050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Lithium, total	7439-93-2	0.0033	0.0010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Magnesium, total	7439-95-4	2.70	0.0050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Manganese, total	7439-96-5	0.00358	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Molybdenum, total	7439-98-7	0.000181	0.000050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Nickel, total	7440-02-0	<0.00050	0.00050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Phosphorus, total	7723-14-0	<0.050	0.050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Potassium, total	7440-09-7	1.14	0.050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Rubidium, total	7440-17-7	0.00098	0.00020	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Selenium, total	7782-49-2	<0.000050	0.000050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Silicon, total	7440-21-3	2.36	0.10	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Silver, total	7440-22-4	<0.000010	0.000010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Sodium, total	7440-23-5	14.2	0.050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Strontium, total	7440-24-6	0.0676	0.00020	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Sulfur, total	7704-34-9	1.62	0.50	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Tellurium, total	13494-80-9	<0.00020	0.00020	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Thallium, total	7440-28-0	<0.000010	0.000010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Thorium, total	7440-29-1	<0.00010	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Tin, total	7440-31-5	<0.00010	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Titanium, total	7440-32-6	<0.00030	0.00030	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Tungsten, total	7440-33-7	<0.00010	0.00010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Uranium, total	7440-61-1	<0.000010	0.000010	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Vanadium, total	7440-62-2	<0.00050	0.00050	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Zinc, total	7440-66-6	<0.0030	0.0030	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Zirconium, total	7440-67-7	<0.00020	0.00020	mg/L	E420	17-Apr-2023	17-Apr-2023	899881
Dissolved Metals								
Aluminum, dissolved	7429-90-5	0.0133	0.0010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Antimony, dissolved	7440-36-0	<0.00010	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Arsenic, dissolved	7440-38-2	0.00011	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Barium, dissolved	7440-39-3	0.0171	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Beryllium, dissolved	7440-41-7	<0.000020	0.000020	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Bismuth, dissolved	7440-69-9	<0.000050	0.000050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Boron, dissolved	7440-42-8	0.012	0.010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Cadmium, dissolved	7440-43-9	<0.0000050	0.0000050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834



Analytical Results

FC2300884-003

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Treated Water

Client sampling date / time: 14-Apr-2023 09:00

Analyte	CAS Number	Result	LOR	Unit	Method	Prep Date	Analysis Date	QCLOT
Dissolved Metals								
Calcium, dissolved	7440-70-2	9.18	0.050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Cesium, dissolved	7440-46-2	<0.000010	0.000010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Chromium, dissolved	7440-47-3	<0.00050	0.00050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Cobalt, dissolved	7440-48-4	<0.00010	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Copper, dissolved	7440-50-8	0.00050	0.00020	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Iron, dissolved	7439-89-6	<0.010	0.010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Lead, dissolved	7439-92-1	<0.000050	0.000050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Lithium, dissolved	7439-93-2	0.0028	0.0010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Magnesium, dissolved	7439-95-4	2.59	0.0050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Manganese, dissolved	7439-96-5	0.00239	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Molybdenum, dissolved	7439-98-7	0.000214	0.000050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Nickel, dissolved	7440-02-0	<0.00050	0.00050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Phosphorus, dissolved	7723-14-0	<0.050	0.050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Potassium, dissolved	7440-09-7	1.02	0.050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Rubidium, dissolved	7440-17-7	0.00097	0.00020	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Selenium, dissolved	7782-49-2	<0.000050	0.000050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Silicon, dissolved	7440-21-3	2.22	0.050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Silver, dissolved	7440-22-4	<0.000010	0.000010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Sodium, dissolved	7440-23-5	14.0	0.050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Strontium, dissolved	7440-24-6	0.0652	0.00020	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Sulfur, dissolved	7704-34-9	0.76	0.50	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Tellurium, dissolved	13494-80-9	<0.00020	0.00020	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Thallium, dissolved	7440-28-0	<0.000010	0.000010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Thorium, dissolved	7440-29-1	<0.00010	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Tin, dissolved	7440-31-5	<0.00010	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Titanium, dissolved	7440-32-6	<0.00030	0.00030	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Tungsten, dissolved	7440-33-7	<0.00010	0.00010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Uranium, dissolved	7440-61-1	<0.000010	0.000010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Vanadium, dissolved	7440-62-2	<0.00050	0.00050	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Zinc, dissolved	7440-66-6	<0.0010	0.0010	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Zirconium, dissolved	7440-67-7	<0.00030	0.00030	mg/L	E421	15-Apr-2023	15-Apr-2023	898834
Dissolved metals filtration location	----	Laboratory	-	-	EP421	-	15-Apr-2023	898834

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