CERTIFICATE OF ANALYSIS

Work Order	:	**FC2502463**			
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 Alberta Canada T9H 5A1	Address	:	#4, 340 Macalpine Crescent Fort McMurray AB Canada T9H 4A8
Telephone	:	780-762-5863	E-mail	:	Megha.Walia@alsglobal.com
Project	:	Fort Chipewyan Imperial Release	Telephone	:	+1 780 791 1524
PO	:	4500060925	Date Samples Received	:	02-Sep-2025 15:50
C-O-C number	:	----	Date Analysis Commenced	:	03-Sep-2025
Sampler	:	TSP	Issue Date	:	16-Sep-2025 17:02
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.

Signatories	*Position*	*Laboratory Department*
Alastair McGibbon		Inorganics, Edmonton, Alberta
Alex Drake		Inorganics, Edmonton, Alberta
Anthony Calero		Inorganics, Calgary, Alberta
Dan Nguyen		Metals, Edmonton, Alberta
Daniel Nguyen		Metals, Edmonton, Alberta
Kari Mulroy		Organics, Edmonton, Alberta
Monica Ko		Inorganics, Burnaby, British Columbia
Nik Perkio		Inorganics, Waterloo, Ontario
Ping Yeung		Metals, Edmonton, Alberta
Ping Yeung		Inorganics, Edmonton, Alberta
Yan Zhang		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).

Unit	*Description*
-	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.

Analytical Results

Sub-Matrix: Water
(Matrix: Water)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID: Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time: 02-Sep-2025 08:35	02-Sep-2025 08:40	----	----	----
					FC2502463-001	FC2502463-002	----	----	----
					Result	Result	----	----	----
Physical Tests									
Alkalinity, bicarbonate (as HCO3)	71-52-3	E290/EO	1.2	mg/L	66.6	57.1	----	----	----
Alkalinity, carbonate (as CO3)	3812-32-6	E290/EO	1.0	mg/L	<0.6	<0.6	----	----	----
Alkalinity, hydroxide (as OH)	14280-30-9	E290/EO	1.0	mg/L	<0.3	<0.3	----	----	----
Alkalinity, total (as CaCO3)	----	E290/EO	1.0	mg/L	54.6	46.8	----	----	----
Conductivity	----	E100/EO	1.0	µS/cm	174	112	----	----	----
Hardness (as CaCO3), dissolved	----	EC100/EO	0.50	mg/L	48.2	46.6	----	----	----
pH	----	E108/EO	0.10	pH units	7.64	7.36	----	----	----
Salinity	----	EC100S/VA	1.0	psu	<1.0	<1.0	----	----	----
Solids, total dissolved [TDS], calculated	----	EC103/EO	1.0	mg/L	94.8	64.2	----	----	----
Anions and Nutrients									
Chloride	16887-00-6	E235.Cl/EO	0.50	mg/L	19.3	4.30	----	----	----
Fluoride	16984-48-8	E235.F/EO	0.020	mg/L	0.028	0.076	----	----	----
Nitrate (as N)	14797-55-8	E235.NO3/EO	0.020	mg/L	<0.020	<0.020	----	----	----
Nitrate + Nitrite (as N)	----	EC235.N+N/EO	0.0032	mg/L	<0.0224	<0.0224	----	----	----
Nitrite (as N)	14797-65-0	E235.NO2/EO	0.010	mg/L	<0.010	<0.010	----	----	----
Sulfate (as SO4)	14808-79-8	E235.SO4/EO	0.30	mg/L	6.31	6.69	----	----	----
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	-	0.98	0.27	----	----	----

Analytical Results

Sub-Matrix: Water
(Matrix: Water)

					Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	02-Sep-2025 08:35	02-Sep-2025 08:40	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit		FC2502463-001	FC2502463-002	----	----	----
						Result	Result	----	----	----
Ion Balance										
Ion balance (cations/anions)	----	EC101/EO	0.010	%		94.4	95.8	----	----	----
Total Metals										
Aluminum, total	7429-90-5	E420/EO	0.0030	mg/L		0.0316	0.0502	----	----	----
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		0.00038	0.00048	----	----	----
Barium, total	7440-39-3	E420/EO	0.00010	mg/L		0.0240	0.0241	----	----	----
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		0.029	0.022	----	----	----
Cadmium, total	7440-43-9	E420/EO	0.0000050	mg/L		<0.0000050	0.0000052	----	----	----
Calcium, total	7440-70-2	E420/EO	0.050	mg/L		13.2	12.2	----	----	----
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		0.00221	0.00208	----	----	----
Iron, total	7439-89-6	E420/EO	0.010	mg/L		<0.010	0.090	----	----	----
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		0.0038	0.0039	----	----	----
Magnesium, total	7439-95-4	E420/EO	0.0050	mg/L		3.55	3.63	----	----	----
Manganese, total	7439-96-5	E420/EO	0.00010	mg/L		0.00189	0.0115	----	----	----
Molybdenum, total	7439-98-7	E420/EO	0.000050	mg/L		0.000278	0.000308	----	----	----

Analytical Results

Sub-Matrix: Water
(Matrix: Water)

					Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	02-Sep-2025 08:35	02-Sep-2025 08:40	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit		FC2502463-001	FC2502463-002	----	----	----
						Result	Result	----	----	----
Total Metals										
Nickel, total	7440-02-0	E420/EO	0.00050	mg/L		<0.00050	0.00054	----	----	----
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		0.00121	0.00120	----	----	----
Selenium, total	7782-49-2	E420/EO	0.000050	mg/L		0.000054	0.000089	----	----	----
Silicon, total	7440-21-3	E420/EO	0.10	mg/L		1.10	1.26	----	----	----
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		15.4	4.30	----	----	----
Strontium, total	7440-24-6	E420/EO	0.00020	mg/L		0.0853	0.0855	----	----	----
Sulfur, total	7704-34-9	E420/EO	0.50	mg/L		1.87	2.20	----	----	----
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		0.00015	0.00016	----	----	----
Titanium, total	7440-32-6	E420/EO	0.00030	mg/L		<0.00030	0.00141	----	----	----
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	0.000086	----	----	----
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)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	02-Sep-2025 08:35	02-Sep-2025 08:40	----	----	----
						FC2502463-001	FC2502463-002	----	----	----
						Result	Result	----	----	----
Dissolved Metals										
Aluminum, dissolved	7429-90-5	E421/EO	0.0010	mg/L		0.0300	0.0473	----	----	----
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		0.00038	0.00050	----	----	----
Barium, dissolved	7440-39-3	E421/EO	0.00010	mg/L		0.0243	0.0241	----	----	----
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		0.033	0.023	----	----	----
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		13.3	12.5	----	----	----
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		0.00058	0.00109	----	----	----
Iron, dissolved	7439-89-6	E421/EO	0.010	mg/L		<0.010	0.082	----	----	----
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		0.0035	0.0036	----	----	----
Magnesium, dissolved	7439-95-4	E421/EO	0.0050	mg/L		3.64	3.73	----	----	----
Manganese, dissolved	7439-96-5	E421/EO	0.00010	mg/L		0.00155	0.0127	----	----	----
Molybdenum, dissolved	7439-98-7	E421/EO	0.000050	mg/L		0.000288	0.000309	----	----	----
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)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	02-Sep-2025 08:35	02-Sep-2025 08:40	----	----	----
						FC2502463-001	FC2502463-002	----	----	----
						Result	Result	----	----	----
Dissolved Metals										
Potassium, dissolved	7440-09-7	E421/EO	0.050	mg/L		0.980	1.00	----	----	----
Rubidium, dissolved	7440-17-7	E421/EO	0.00020	mg/L		0.00112	0.00126	----	----	----
Selenium, dissolved	7782-49-2	E421/EO	0.000050	mg/L		0.000052	0.000064	----	----	----
Silicon, dissolved	7440-21-3	E421/EO	0.050	mg/L		1.06	1.23	----	----	----
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		15.6	4.30	----	----	----
Strontium, dissolved	7440-24-6	E421/EO	0.00020	mg/L		0.0846	0.0844	----	----	----
Sulfur, dissolved	7704-34-9	E421/EO	0.50	mg/L		2.47	2.65	----	----	----
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	<0.00010	----	----	----
Titanium, dissolved	7440-32-6	E421/EO	0.00030	mg/L		<0.00030	0.00111	----	----	----
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		<0.000010	0.000084	----	----	----
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		<0.0010	<0.0010	----	----	----
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)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	02-Sep-2025 08:35	02-Sep-2025 08:40	----	----	----
						FC2502463-001	FC2502463-002	----	----	----
						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	----	----	----
Methyl-tert-butyl ether [MTBE]	1634-04-4	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	----	----	----
TEH (C10-C50)	n/a	E601/EO	400	µg/L		<400	<400	----	----	----
TEH (C16-C50)	----	E601/EO	400	µg/L		<400	<400	----	----	----
Hydrocarbons Surrogates										
Bromobenzotrifluoride, 2- (F2-F4 surrogate)	392-83-6	E601/EO	1.0	%		92.4	93.0	----	----	----
Dichlorotoluene, 3,4-	95-75-0	E581.F1/EO	1.0	%		93.2	98.5	----	----	----

Analytical Results

Sub-Matrix: Water
(Matrix: Water)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID: Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time: 02-Sep-2025 08:35	02-Sep-2025 08:40	----	----	----
					FC2502463-001	FC2502463-002	----	----	----
					Result	Result	----	----	----
Volatile Organic Compounds Surrogates									
Bromofluorobenzene, 4-	460-00-4	E611A/EO	1.0	%	86.9	84.6	----	----	----
Difluorobenzene, 1,4-	540-36-3	E611A/EO	1.0	%	82.7	82.1	----	----	----
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-c,d)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	----	----	----

Analytical Results

Sub-Matrix: Water
(Matrix: Water)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	Treated Water ----	Raw Water Chamber Tap ----	----	----	----
					Client sampling date / time	02-Sep-2025 08:35	02-Sep-2025 08:40	----	----	----
						FC2502463-001	FC2502463-002	----	----	----
						Result	Result	----	----	----
Polycyclic Aromatic Hydrocarbons										
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	----	----	----
PAHs, high molecular weight (BC AWQ)	n/a	E641A/EO	0.030	µg/L		<0.030	<0.030	----	----	----
PAHs, low molecular weight (BC AWQ)	n/a	E641A/EO	0.060	µg/L		<0.060	<0.060	----	----	----
PAHs, total (CCME sewer 18)	n/a	E641A/EO	0.070	µg/L		<0.070	<0.070	----	----	----
PAHs, total (EPA 16)	n/a	E641A/EO	0.065	µg/L		<0.065	<0.065	----	----	----
PAHs, total (P2MMP)	n/a	E641A/EO	0.040	µg/L		<0.040	<0.040	----	----	----
Polycyclic Aromatic Hydrocarbons Surrogates										
Chrysene-d12	1719-03-5	E641A/EO	0.1	%		117	116	----	----	----
Naphthalene-d8	1146-65-2	E641A/EO	0.1	%		104	89.0	----	----	----
Phenanthrene-d10	1517-22-2	E641A/EO	0.1	%		109	107	----	----	----
DIsinfectant By-Products										
Chlorate	14866-68-3	E409.CLO3/WT	0.010	mg/L		0.068	<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.