



CERTIFICATE OF ANALYSIS

Work Order	: FC2301519	Page	: 1 of 6
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	: 12-Jun-2023 13:15
PO	: 4500051416	Date Analysis	: 13-Jun-2023
C-O-C number	: ----	Commenced	
Sampler	: Faheam Sha	Issue Date	: 15-Jun-2023 13:49
Site	: Schedule 4: Fort Chip		
Quote number	: Q61323 (Fort chip)		
No. of samples received	: 1		
No. of samples analysed	: 1		

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

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

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

Signatories

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

<i>Signatories</i>	<i>Position</i>	<i>Laboratory Department</i>
Andrew Fox		Metals, Calgary, Alberta
Cynthia Bauer	Organic Supervisor	Organics, Calgary, Alberta
Geoff Berg	Lab Analyst	Organics, Edmonton, Alberta
Katarzyna Glinka	Analyst	Inorganics, Calgary, Alberta
Kelsey Schaefer	Lab Analyst	Organics, Calgary, Alberta
Kevin Baxter	Team Leader - Inorganics	Inorganics, Calgary, Alberta
Kevin Baxter	Team Leader - Inorganics	Metals, Calgary, Alberta
Miles Gropen	Department Manager - Inorganics	Inorganics, Burnaby, British Columbia
Shirley Li	Team Leader - Inorganics	Inorganics, Calgary, Alberta
Sorina Motea	Laboratory Analyst	Organics, Calgary, Alberta



General Comments

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

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

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

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

Key : CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances
 LOR: Limit of Reporting (detection limit).
 Measurement Uncertainty: The reported uncertainties in this report are expanded uncertainties calculated using a coverage factor of 2, which gives a level of confidence of approximately 95%.
 Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

<i>Unit</i>	<i>Description</i>
-	no units
%	percent
µg/L	micrograms per litre
µS/cm	microsiemens per centimetre
meq/L	milliequivalents per litre
mg/L	milligrams per litre
pH units	pH units
psu	practical salinity units

>: greater than.

<: less than.

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

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

Accreditation

<i>Accreditation</i>	<i>Description</i>	<i>Laboratory</i>	<i>Address</i>
A	CALA ISO/IEC 17025:2017	CG Calgary - Environmental	2559 29th Street NE, Calgary, AB
B	CALA ISO/IEC 17025:2017	EO Edmonton - Environmental	9450 - 17 Avenue NW, Edmonton, AB
C	CALA ISO/IEC 17025:2017	VA Vancouver - Environmental	8081 Lougheed Highway, Burnaby, BC

Applicable accreditations are indicated in the Method/Lab column as superscripts.



Analytical Results

FC2301519-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Treated Water Water Treatment Plant

Client sampling date / time: 12-Jun-2023

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLot	
Physical Tests									
Hardness (as CaCO ₃), dissolved	----	41.1	0.50	mg/L	EC100/CG	-	14-Jun-2023	-	
Hardness (as CaCO ₃), from total Ca/Mg	----	39.9	0.50	mg/L	EC100A/CG	-	14-Jun-2023	-	
Salinity	----	<1.0	1.0	psu	EC100S/VA	-	15-Jun-2023	-	
Conductivity	----	137	2.0	µS/cm	E100/CG	A	13-Jun-2023	985752	
pH	----	8.58	0.10	pH units	E108/CG	A	13-Jun-2023	985750	
Alkalinity, bicarbonate (as HCO ₃)	71-52-3	56.7	1.0	mg/L	E290/CG	A	13-Jun-2023	985751	
Alkalinity, carbonate (as CO ₃)	3812-32-6	1.9	1.0	mg/L	E290/CG	A	13-Jun-2023	985751	
Alkalinity, hydroxide (as OH)	14280-30-9	<1.0	1.0	mg/L	E290/CG	A	13-Jun-2023	985751	
Alkalinity, total (as CaCO ₃)	----	49.7	2.0	mg/L	E290/CG	A	13-Jun-2023	985751	
Solids, total dissolved [TDS], calculated	----	82.3	1.0	mg/L	EC103/CG	-	14-Jun-2023	-	
Anions and Nutrients									
Chloride	16887-00-6	13.4	0.50	mg/L	E235.Cl/CG	A	13-Jun-2023	986021	
Fluoride	16984-48-8	0.036	0.020	mg/L	E235.F/CG	A	13-Jun-2023	986013	
Nitrate (as N)	14797-55-8	<0.020	0.020	mg/L	E235.NO3/CG	A	13-Jun-2023	986019	
Nitrite (as N)	14797-65-0	<0.010	0.010	mg/L	E235.NO2/CG	A	13-Jun-2023	986020	
Sulfate (as SO ₄)	14808-79-8	5.16	0.30	mg/L	E235.SO4/CG	A	13-Jun-2023	986018	
Nitrate + Nitrite (as N)	----	<0.0500	0.05	mg/L	EC235.N+N/CG	-	14-Jun-2023	988483	
Total Sulfides									
Sulfide, total (as S)	18496-25-8	<0.0015	0.0015	mg/L	E395/VA	C	-	14-Jun-2023	988836
Ion Balance									
Anion sum	----	1.48	0.10	meq/L	EC101/CG	-	14-Jun-2023	-	
Cation sum	----	1.52	0.10	meq/L	EC101/CG	-	14-Jun-2023	-	
Ion balance (APHA)	----	1.33	0.01	%	EC101/CG	-	14-Jun-2023	-	
Ion balance (cations/anions)	----	103	0.010	%	EC101/CG	-	14-Jun-2023	-	
Total Metals									
Aluminum, total	7429-90-5	0.0509	0.0030	mg/L	E420/CG	A	14-Jun-2023	986091	
Antimony, total	7440-36-0	<0.00010	0.00010	mg/L	E420/CG	A	14-Jun-2023	986091	
Arsenic, total	7440-38-2	0.00038	0.00010	mg/L	E420/CG	A	14-Jun-2023	986091	
Barium, total	7440-39-3	0.0242	0.00010	mg/L	E420/CG	A	14-Jun-2023	986091	
Beryllium, total	7440-41-7	<0.000020	0.000020	mg/L	E420/CG	A	14-Jun-2023	986091	
Bismuth, total	7440-69-9	<0.000050	0.000050	mg/L	E420/CG	A	14-Jun-2023	986091	
Boron, total	7440-42-8	0.014	0.010	mg/L	E420/CG	A	14-Jun-2023	986091	
Cadmium, total	7440-43-9	<0.000050	0.000050	mg/L	E420/CG	A	14-Jun-2023	986091	
Calcium, total	7440-70-2	11.2	0.050	mg/L	E420/CG	A	14-Jun-2023	986091	
Cesium, total	7440-46-2	<0.000010	0.000010	mg/L	E420/CG	A	14-Jun-2023	986091	
Chromium, total	7440-47-3	0.00056	0.00050	mg/L	E420/CG	A	14-Jun-2023	986091	
Cobalt, total	7440-48-4	<0.00010	0.00010	mg/L	E420/CG	A	14-Jun-2023	986091	
Copper, total	7440-50-8	0.00089	0.00050	mg/L	E420/CG	A	14-Jun-2023	986091	
Iron, total	7439-89-6	<0.010	0.010	mg/L	E420/CG	A	14-Jun-2023	986091	
Lead, total	7439-92-1	<0.000050	0.000050	mg/L	E420/CG	A	14-Jun-2023	986091	
Lithium, total	7439-93-2	0.0024	0.0010	mg/L	E420/CG	A	14-Jun-2023	986091	
Magnesium, total	7439-95-4	2.91	0.0050	mg/L	E420/CG	A	14-Jun-2023	986091	
Manganese, total	7439-96-5	0.00871	0.00010	mg/L	E420/CG	A	14-Jun-2023	986091	



Analytical Results

FC2301519-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Treated Water Water Treatment Plant

Client sampling date / time: 12-Jun-2023

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QC/lot
Total Metals								
Molybdenum, total	7439-98-7	0.000322	0.000050	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Nickel, total	7440-02-0	<0.00050	0.00050	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Phosphorus, total	7723-14-0	<0.050	0.050	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Potassium, total	7440-09-7	0.949	0.050	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Rubidium, total	7440-17-7	0.00114	0.00020	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Selenium, total	7782-49-2	0.000068	0.000050	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Silicon, total	7440-21-3	1.00	0.10	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Silver, total	7440-22-4	<0.000010	0.000010	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Sodium, total	7440-23-5	15.0	0.050	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Strontium, total	7440-24-6	0.0656	0.00020	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Sulfur, total	7704-34-9	2.28	0.50	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Tellurium, total	13494-80-9	<0.00020	0.00020	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Thallium, total	7440-28-0	<0.000010	0.000010	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Thorium, total	7440-29-1	<0.00010	0.00010	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Tin, total	7440-31-5	<0.00010	0.00010	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Titanium, total	7440-32-6	<0.00030	0.00030	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Tungsten, total	7440-33-7	<0.00010	0.00010	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Uranium, total	7440-61-1	0.000017	0.000010	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Vanadium, total	7440-62-2	<0.00050	0.00050	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Zinc, total	7440-66-6	<0.0030	0.0030	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Zirconium, total	7440-67-7	<0.00020	0.00020	mg/L	E420/CG	A 14-Jun-2023	14-Jun-2023	986091
Dissolved Metals								
Aluminum, dissolved	7429-90-5	0.0420	0.0010	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Antimony, dissolved	7440-36-0	<0.00010	0.00010	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Arsenic, dissolved	7440-38-2	0.00033	0.00010	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Barium, dissolved	7440-39-3	0.0248	0.00010	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Beryllium, dissolved	7440-41-7	<0.000020	0.000020	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Bismuth, dissolved	7440-69-9	<0.000050	0.000050	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Boron, dissolved	7440-42-8	0.014	0.010	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Cadmium, dissolved	7440-43-9	<0.0000050	0.0000050	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Calcium, dissolved	7440-70-2	11.7	0.050	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Cesium, dissolved	7440-46-2	<0.000010	0.000010	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Chromium, dissolved	7440-47-3	<0.00050	0.00050	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Cobalt, dissolved	7440-48-4	<0.00010	0.00010	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Copper, dissolved	7440-50-8	0.00069	0.00020	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Iron, dissolved	7439-89-6	<0.030	0.030	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Lead, dissolved	7439-92-1	<0.000050	0.000050	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Lithium, dissolved	7439-93-2	0.0026	0.0010	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Magnesium, dissolved	7439-95-4	2.88	0.0050	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Manganese, dissolved	7439-96-5	<0.00500	0.00500	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Molybdenum, dissolved	7439-98-7	0.000426	0.000050	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Nickel, dissolved	7440-02-0	<0.00050	0.00050	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Phosphorus, dissolved	7723-14-0	<0.050	0.050	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Potassium, dissolved	7440-09-7	1.01	0.050	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Rubidium, dissolved	7440-17-7	0.00107	0.00020	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089



Analytical Results

FC2301519-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Treated Water Water Treatment Plant

Client sampling date / time: 12-Jun-2023

Analyte	CAS Number	Result	LOR	Unit	Method/Lab	Prep Date	Analysis Date	QCLOT
Dissolved Metals								
Selenium, dissolved	7782-49-2	0.000110	0.000050	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Silicon, dissolved	7440-21-3	1.01	0.050	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Silver, dissolved	7440-22-4	<0.000010	0.000010	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Sodium, dissolved	7440-23-5	15.5	0.050	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Strontium, dissolved	7440-24-6	0.0700	0.00020	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Sulfur, dissolved	7704-34-9	2.32	0.50	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Tellurium, dissolved	13494-80-9	<0.00020	0.00020	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Thallium, dissolved	7440-28-0	<0.000010	0.000010	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Thorium, dissolved	7440-29-1	<0.00010	0.00010	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Tin, dissolved	7440-31-5	<0.00010	0.00010	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Titanium, dissolved	7440-32-6	<0.00030	0.00030	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Tungsten, dissolved	7440-33-7	<0.00010	0.00010	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Uranium, dissolved	7440-61-1	0.000027	0.000010	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Vanadium, dissolved	7440-62-2	<0.00050	0.00050	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Zinc, dissolved	7440-66-6	<0.0010	0.0010	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Zirconium, dissolved	7440-67-7	<0.00030	0.00030	mg/L	E421/CG	A 14-Jun-2023	14-Jun-2023	986089
Dissolved metals filtration location	----	Laboratory	-	-	EP421/CG	-	14-Jun-2023	986089
Aggregate Organics								
Naphthenic acids	----	<0.10	0.10	mg/L	E565-L/EO	B 14-Jun-2023	14-Jun-2023	987924
Volatile Organic Compounds [BTEXS+MTBE]								
Benzene	71-43-2	<0.50	0.50	µg/L	E611A/CG	A 13-Jun-2023	13-Jun-2023	986740
Ethylbenzene	100-41-4	<0.50	0.50	µg/L	E611A/CG	A 13-Jun-2023	13-Jun-2023	986740
Toluene	108-88-3	<0.50	0.50	µg/L	E611A/CG	A 13-Jun-2023	13-Jun-2023	986740
Xylene, m+p-	179601-23-1	<0.50	0.50	µg/L	E611A/CG	A 13-Jun-2023	13-Jun-2023	986740
Xylene, o-	95-47-6	<0.50	0.50	µg/L	E611A/CG	A 13-Jun-2023	13-Jun-2023	986740
Xylenes, total	1330-20-7	<0.75	0.75	µg/L	E611A/CG	A 13-Jun-2023	13-Jun-2023	986740
BTEX, total	----	<1.2	1.2	µg/L	E611A/CG	A 13-Jun-2023	13-Jun-2023	986740
Hydrocarbons								
F1 (C6-C10)	----	<100	100	µg/L	E581.F1/C G	A 13-Jun-2023	13-Jun-2023	986741
F1-BTEX	----	<100	100	µg/L	EC580/CG	-	14-Jun-2023	-
F2 (C10-C16)	----	<100	100	µg/L	E601/CG	A 13-Jun-2023	14-Jun-2023	987209
F3 (C16-C34)	----	<250	250	µg/L	E601/CG	A 13-Jun-2023	14-Jun-2023	987209
F4 (C34-C50)	----	<250	250	µg/L	E601/CG	A 13-Jun-2023	14-Jun-2023	987209
Hydrocarbons, total (C6-C50)	----	<400	400	µg/L	EC581/CG	-	14-Jun-2023	-
Hydrocarbons Surrogates								
Bromobenzotrifluoride, 2- (F2-F4 surrogate)	392-83-6	99.7	1.0	%	E601/CG	A 13-Jun-2023	14-Jun-2023	987209
Dichlorotoluene, 3,4-	95-75-0	78.8	1.0	%	E581.F1/C G	A 13-Jun-2023	13-Jun-2023	986741
Volatile Organic Compounds Surrogates								
Bromofluorobenzene, 4-	460-00-4	90.2	1.0	%	E611A/CG	A 13-Jun-2023	13-Jun-2023	986740
Difluorobenzene, 1,4-	540-36-3	100	1.0	%	E611A/CG	A 13-Jun-2023	13-Jun-2023	986740
Polycyclic Aromatic Hydrocarbons								
Acenaphthene	83-32-9	<0.010	0.010	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Acenaphthylene	208-96-8	<0.010	0.010	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Acridine	260-94-6	<0.010	0.010	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210



Analytical Results

FC2301519-001

Sub-Matrix: Water

(Matrix: Water)

Client sample ID: Treated Water Water Treatment Plant

Client sampling date / time: 12-Jun-2023

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/CG	A 13-Jun-2023	13-Jun-2023	987210
Benz(a)anthracene	56-55-3	<0.010	0.010	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Benzo(a)pyrene	50-32-8	<0.0050	0.0050	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Benzo(b+j)fluoranthene	n/a	<0.010	0.010	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Benzo(b+j+k)fluoranthene	n/a	<0.015	0.015	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Benzo(g,h,i)perylene	191-24-2	<0.010	0.010	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Benzo(k)fluoranthene	207-08-9	<0.010	0.010	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Chrysene	218-01-9	<0.010	0.010	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Dibenz(a,h)anthracene	53-70-3	<0.0050	0.0050	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Fluoranthene	206-44-0	<0.010	0.010	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Fluorene	86-73-7	<0.010	0.010	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Indeno(1,2,3-c,d)pyrene	193-39-5	<0.010	0.010	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Methylnaphthalene, 1-	90-12-0	<0.010	0.010	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Methylnaphthalene, 1+2-	----	<0.015	0.015	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Methylnaphthalene, 2-	91-57-6	<0.010	0.010	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Naphthalene	91-20-3	<0.050	0.050	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Phenanthrene	85-01-8	<0.020	0.020	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Pyrene	129-00-0	<0.010	0.010	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Quinoline	91-22-5	<0.050	0.050	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
B(a)P total potency equivalents [B(a)P TPE]	----	<0.010	0.010	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
PAHs, high molecular weight (BC AWQ)	n/a	<0.030	0.03	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
PAHs, low molecular weight (BC AWQ)	n/a	<0.060	0.06	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
PAHs, total (CCME sewer 18)	n/a	<0.070	0.07	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
PAHs, total (EPA 16)	n/a	<0.065	0.065	µg/L	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Polycyclic Aromatic Hydrocarbons Surrogates								
Chrysene-d12	1719-03-5	111	0.1	%	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Naphthalene-d8	1146-65-2	112	0.1	%	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210
Phenanthrene-d10	1517-22-2	102	0.1	%	E641A/CG	A 13-Jun-2023	13-Jun-2023	987210

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

Please refer to the Accreditation section for an explanation of analyte accreditations.