



### **CERTIFICATE OF ANALYSIS**

REPORTED TO SION Improvement District

7920 Donaldson Drive

GRAND FORKS, BC V0H 1H2

ATTENTION Dan Koochin WORK ORDER 21B2721

PROJECT Comprehensive Drinking Water REPORTED 2021-03-04 10:08

PROJECT INFO COC NUMBER 40837.5581

### Introduction:

CARO Analytical Services is a testing laboratory full of smart, engaged scientists driven to make the world a safer and healthier place. Through our clients' projects we become an essential element for a better world. We employ methods conducted in accordance with recognized professional standards using accepted testing methodologies and quality control efforts. CARO is accredited by the Canadian Association for Laboratories Accreditation (CALA) to ISO/IEC 17025:2017 for specific tests listed in the scope of accreditation approved by CALA.

Big Picture Sidekicks

We've Got Chemistry

Ahead of the Curve

You know that the sample you collected after snowshoeing to site, digging 5 meters, and racing to get it on a plane so you can submit it to the lab for time sensitive results needed to make important and expensive decisions (whew) is VERY important. We know that too.

It's simple. We figure the more you enjoy working with our fun and engaged team members; the more likely you are to give us continued opportunities to support you.

Through research, regulation knowledge, and instrumentation, we are your analytical centre for the technical knowledge you need, BEFORE you need it, so you can stay up to date and in the know.

If you have any questions or concerns, please contact me at teamcaro@caro.ca

#### **Authorized By:**

Team CARO
Client Service Representative



## **TEST RESULTS**

REPORTED TO SION Improvement Dis PROJECT Comprehensive Drinking				WORK ORDER REPORTED	21B2721 2021-03-04 10:08		
Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier	
6140 Community Centre Road (21B2721-	-01)   Matrix: Wate	er   Sampled: 2021-0	2-24 10:30				
Anions							
Chloride	1.74	AO ≤ 250	0.10	mg/L	2021-02-26		
Fluoride	0.24	MAC = 1.5		mg/L	2021-02-26		
Nitrate (as N)	0.073	MAC = 10	0.010		2021-02-26		
Nitrite (as N)	< 0.010	MAC = 1	0.010		2021-02-26		
Sulfate	9.1	AO ≤ 500		mg/L	2021-02-26		
Calculated Parameters				-			
Hardness, Total (as CaCO3)	88.7	None Required	0.500	mg/L	N/A		
Langelier Index	-0.2	N/A	-5.0		2021-03-04		
Solids, Total Dissolved	121	AO ≤ 500	1.00	mg/L	N/A		
General Parameters							
Alkalinity, Total (as CaCO3)	117	N/A	1.0	mg/L	2021-03-01		
Alkalinity, Phenolphthalein (as CaCO3)	< 1.0	N/A		mg/L	2021-03-01		
Alkalinity, Bicarbonate (as CaCO3)	117	N/A	1.0	mg/L	2021-03-01		
Alkalinity, Carbonate (as CaCO3)	< 1.0	N/A	1.0	mg/L	2021-03-01		
Alkalinity, Hydroxide (as CaCO3)	< 1.0	N/A		mg/L	2021-03-01		
Colour, True	< 5.0	AO ≤ 15		CU	2021-02-25		
Conductivity (EC)	195	N/A		μS/cm	2021-03-01		
Cyanide, Total	< 0.0020	MAC = 0.2	0.0020	· · · · · · · · · · · · · · · · · · ·	2021-03-01		
pH	7.76	7.0-10.5		pH units	2021-03-01	HT2	
Temperature, at pH	21.5	N/A		°C	2021-03-01	HT2	
Turbidity	0.13	OG < 1	0.10	NTU	2021-02-26		
Microbiological Parameters							
Coliforms, Total	< 1	MAC = 0	1	CFU/100 mL	2021-02-25		
E. coli	< 1	MAC = 0	1	CFU/100 mL	2021-02-25		
Total Metals							
Aluminum, total	< 0.0050	OG < 0.1	0.0050	ma/l	2021-03-02		
Antimony, total	< 0.0030	MAC = 0.006	0.0030		2021-03-02		
Arsenic, total	0.00123	MAC = 0.000	0.00020		2021-03-02		
Barium, total	0.00123	MAC = 2	0.0050		2021-03-02		
Boron, total	< 0.0500	MAC = 5	0.0500		2021-03-02		
Cadmium, total	0.000059	MAC = 0.005	0.000010		2021-03-02		
Calcium, total	27.6	None Required		mg/L	2021-03-02		
Chromium, total	< 0.00050	MAC = 0.05	0.00050		2021-03-02		
Cobalt, total	< 0.00030	N/A	0.00030		2021-03-02		
Copper, total	0.00393	MAC = 2	0.00040		2021-03-02		
Iron, total	< 0.010	AO ≤ 0.3	0.00040		2021-03-02		
Lead, total	< 0.00020	MAC = 0.005	0.00020		2021-03-02		
Magnesium, total	4.77	None Required	0.00020		2021-03-02		
Manganese, total	0.00232	MAC = 0.12	0.00020		2021-03-02		
<u> </u>			0.00020				
Mercury, total	< 0.000010	MAC = 0.001	0.000010	mg/L	2021-03-02		



## **TEST RESULTS**

PROJECT SION Improvement D Comprehensive Drink				WORK ORDER REPORTED	21B2721 2021-03-0	04 10:08
Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier
6140 Community Centre Road (21B2721	I-01)   Matrix: Wate	r   Sampled: 2021-	02-24 10:30,	Continued		
Total Metals, Continued						
Molybdenum, total	0.00188	N/A	0.00010	mg/L	2021-03-02	
Nickel, total	< 0.00040	N/A	0.00040	mg/L	2021-03-02	
Potassium, total	0.97	N/A	0.10	mg/L	2021-03-02	
Selenium, total	< 0.00050	MAC = 0.05	0.00050	mg/L	2021-03-02	
Sodium, total	4.61	AO ≤ 200	0.10	mg/L	2021-03-02	
Strontium, total	0.264	7	0.0010	mg/L	2021-03-02	
Uranium, total	0.00129	MAC = 0.02	0.000020	mg/L	2021-03-02	
Zinc, total	0.0672	AO ≤ 5	0.0040	mg/L	2021-03-02	
Hardy Mountiain Toad (21B2721-02)   Ma	atrix: Water   Samp	led: 2021-02-24 11	:00			
Chloride	2.87	AO ≤ 250	0.10	mg/L	2021-02-27	
Fluoride	0.51	MAC = 1.5		mg/L	2021-02-27	
Nitrate (as N)	0.986	MAC = 10	0.010		2021-02-27	
Nitrite (as N)	< 0.010	MAC = 1	0.010		2021-02-27	
Sulfate	53.6	AO ≤ 500	1.0	mg/L	2021-02-27	
Calculated Parameters  Hardness, Total (as CaCO3)	254	None Required	0.500	mg/L	N/A	
Langelier Index	0.8	N/A	-5.0		2021-03-04	
Langelier Index Solids, Total Dissolved	0.8 321	N/A AO ≤ 500		mg/L	2021-03-04 N/A	
				mg/L		
Solids, Total Dissolved			1.00	mg/L		
Solids, Total Dissolved  General Parameters	321	AO ≤ 500	1.00		N/A	
Solids, Total Dissolved  General Parameters  Alkalinity, Total (as CaCO3)	321 264	AO ≤ 500 N/A	1.00 1.0 1.0	mg/L	N/A 2021-03-01	
Solids, Total Dissolved  General Parameters  Alkalinity, Total (as CaCO3)  Alkalinity, Phenolphthalein (as CaCO3)	<b>264</b> < 1.0	AO ≤ 500 N/A N/A	1.00 1.0 1.0 1.0	mg/L mg/L	N/A 2021-03-01 2021-03-01	
Solids, Total Dissolved  General Parameters  Alkalinity, Total (as CaCO3)  Alkalinity, Phenolphthalein (as CaCO3)  Alkalinity, Bicarbonate (as CaCO3)	264 < 1.0 264	AO ≤ 500 N/A N/A N/A	1.00 1.0 1.0 1.0 1.0	mg/L mg/L mg/L	N/A 2021-03-01 2021-03-01 2021-03-01	
Solids, Total Dissolved  General Parameters  Alkalinity, Total (as CaCO3)  Alkalinity, Phenolphthalein (as CaCO3)  Alkalinity, Bicarbonate (as CaCO3)  Alkalinity, Carbonate (as CaCO3)	264 < 1.0 264 < 1.0	AO ≤ 500 N/A N/A N/A N/A	1.00 1.0 1.0 1.0 1.0 1.0 5.0	mg/L mg/L mg/L mg/L mg/L CU	N/A 2021-03-01 2021-03-01 2021-03-01 2021-03-01	
Solids, Total Dissolved  General Parameters  Alkalinity, Total (as CaCO3)  Alkalinity, Phenolphthalein (as CaCO3)  Alkalinity, Bicarbonate (as CaCO3)  Alkalinity, Carbonate (as CaCO3)  Alkalinity, Hydroxide (as CaCO3)	264 < 1.0 264 < 1.0 210 < 1.0 < 1.0 < 1.0	N/A N/A N/A N/A N/A N/A	1.00 1.0 1.0 1.0 1.0 1.0 5.0	mg/L mg/L mg/L mg/L mg/L	N/A  2021-03-01  2021-03-01  2021-03-01  2021-03-01	
Solids, Total Dissolved  General Parameters  Alkalinity, Total (as CaCO3)  Alkalinity, Phenolphthalein (as CaCO3)  Alkalinity, Bicarbonate (as CaCO3)  Alkalinity, Carbonate (as CaCO3)  Alkalinity, Hydroxide (as CaCO3)  Colour, True	264 < 1.0 264 < 1.0 264 < 1.0 < 1.0 < 5.0	N/A N/A N/A N/A N/A N/A N/A A/A	1.00 1.0 1.0 1.0 1.0 1.0 5.0 2.0 0.0020	mg/L mg/L mg/L mg/L cU  µS/cm mg/L	N/A  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-02-25  2021-03-01  2021-03-01	
Solids, Total Dissolved  General Parameters  Alkalinity, Total (as CaCO3)  Alkalinity, Phenolphthalein (as CaCO3)  Alkalinity, Bicarbonate (as CaCO3)  Alkalinity, Carbonate (as CaCO3)  Alkalinity, Hydroxide (as CaCO3)  Colour, True  Conductivity (EC)	264 < 1.0 264 < 1.0 264 < 1.0 < 1.0 < 5.0 513	N/A	1.00 1.0 1.0 1.0 1.0 1.0 5.0 2.0 0.0020	mg/L mg/L mg/L mg/L mg/L CU  µS/cm	N/A  2021-03-01 2021-03-01 2021-03-01 2021-03-01 2021-02-25 2021-03-01	HT2
Solids, Total Dissolved  General Parameters  Alkalinity, Total (as CaCO3)  Alkalinity, Phenolphthalein (as CaCO3)  Alkalinity, Bicarbonate (as CaCO3)  Alkalinity, Carbonate (as CaCO3)  Alkalinity, Hydroxide (as CaCO3)  Colour, True  Conductivity (EC)  Cyanide, Total  pH  Temperature, at pH	321  264 < 1.0  264 < 1.0 < 1.0 < 5.0  513 < 0.0020  7.95 22.0	N/A N/A N/A N/A N/A N/A N/A N/A N/A AO ≤ 15 N/A MAC = 0.2 7.0-10.5 N/A	1.00 1.0 1.0 1.0 1.0 1.0 5.0 2.0 0.0020 0.10	mg/L mg/L mg/L mg/L mg/L CU  µS/cm mg/L pH units °C	N/A  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01	HT2 HT2
Solids, Total Dissolved  General Parameters  Alkalinity, Total (as CaCO3)  Alkalinity, Phenolphthalein (as CaCO3)  Alkalinity, Bicarbonate (as CaCO3)  Alkalinity, Carbonate (as CaCO3)  Alkalinity, Hydroxide (as CaCO3)  Colour, True  Conductivity (EC)  Cyanide, Total  pH	264 < 1.0 264 < 1.0 < 1.0 < 1.0 < 5.0 < 513 < 0.0020 7.95	N/A	1.00 1.0 1.0 1.0 1.0 1.0 5.0 2.0 0.0020 0.10	mg/L mg/L mg/L mg/L mg/L CU	N/A  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01	
Solids, Total Dissolved  General Parameters  Alkalinity, Total (as CaCO3)  Alkalinity, Phenolphthalein (as CaCO3)  Alkalinity, Bicarbonate (as CaCO3)  Alkalinity, Carbonate (as CaCO3)  Alkalinity, Hydroxide (as CaCO3)  Colour, True  Conductivity (EC)  Cyanide, Total  pH  Temperature, at pH	321  264 < 1.0  264 < 1.0 < 1.0 < 5.0  513 < 0.0020  7.95 22.0	N/A N/A N/A N/A N/A N/A N/A N/A N/A AO ≤ 15 N/A MAC = 0.2 7.0-10.5 N/A	1.00 1.0 1.0 1.0 1.0 1.0 5.0 2.0 0.0020 0.10	mg/L mg/L mg/L mg/L mg/L CU  µS/cm mg/L pH units °C	N/A  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01	
Solids, Total Dissolved  General Parameters  Alkalinity, Total (as CaCO3)  Alkalinity, Phenolphthalein (as CaCO3)  Alkalinity, Bicarbonate (as CaCO3)  Alkalinity, Carbonate (as CaCO3)  Alkalinity, Hydroxide (as CaCO3)  Colour, True  Conductivity (EC)  Cyanide, Total  pH  Temperature, at pH  Turbidity	321  264 < 1.0  264 < 1.0 < 1.0 < 5.0  513 < 0.0020  7.95 22.0	N/A N/A N/A N/A N/A N/A N/A N/A N/A AO ≤ 15 N/A MAC = 0.2 7.0-10.5 N/A	1.00  1.0  1.0  1.0  1.0  1.0  1.0  2.0  0.0020  0.10	mg/L mg/L mg/L mg/L mg/L CU  µS/cm mg/L pH units °C	N/A  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01	
Solids, Total Dissolved  General Parameters  Alkalinity, Total (as CaCO3)  Alkalinity, Phenolphthalein (as CaCO3)  Alkalinity, Bicarbonate (as CaCO3)  Alkalinity, Carbonate (as CaCO3)  Alkalinity, Hydroxide (as CaCO3)  Colour, True  Conductivity (EC)  Cyanide, Total  pH  Temperature, at pH  Turbidity  Microbiological Parameters	321  264 < 1.0  264 < 1.0 < 5.0 < 1.0 < 5.0  513 < 0.0020  7.95  22.0 0.66	AO ≤ 500  N/A  N/A  N/A  N/A  N/A  AO ≤ 15  N/A  MAC = 0.2  7.0-10.5  N/A  OG < 1	1.00 1.0 1.0 1.0 1.0 1.0 1.0 2.0 0.0020 0.10	mg/L mg/L mg/L mg/L CU	N/A  2021-03-01 2021-03-01 2021-03-01 2021-03-01 2021-03-01 2021-03-01 2021-03-01 2021-03-01 2021-03-01 2021-03-01 2021-03-01	
Solids, Total Dissolved  General Parameters  Alkalinity, Total (as CaCO3)  Alkalinity, Phenolphthalein (as CaCO3)  Alkalinity, Bicarbonate (as CaCO3)  Alkalinity, Carbonate (as CaCO3)  Alkalinity, Hydroxide (as CaCO3)  Colour, True  Conductivity (EC)  Cyanide, Total  pH  Temperature, at pH  Turbidity  Microbiological Parameters  Coliforms, Total	321  264 < 1.0 264 < 1.0 < 5.0 < 1.0 < 5.0 513 < 0.0020 7.95 22.0 0.66	AO ≤ 500  N/A  N/A  N/A  N/A  N/A  AO ≤ 15  N/A  MAC = 0.2  7.0-10.5  N/A  OG < 1  MAC = 0	1.00 1.0 1.0 1.0 1.0 1.0 1.0 2.0 0.0020 0.10	mg/L mg/L mg/L mg/L mg/L CU	N/A  2021-03-01 2021-03-01 2021-03-01 2021-03-01 2021-02-25 2021-03-01 2021-03-01 2021-03-01 2021-03-01 2021-03-01 2021-03-01	
Solids, Total Dissolved  General Parameters  Alkalinity, Total (as CaCO3)  Alkalinity, Phenolphthalein (as CaCO3)  Alkalinity, Bicarbonate (as CaCO3)  Alkalinity, Carbonate (as CaCO3)  Alkalinity, Hydroxide (as CaCO3)  Colour, True  Conductivity (EC)  Cyanide, Total  pH  Temperature, at pH  Turbidity  Microbiological Parameters  Coliforms, Total  E. coli	321  264 < 1.0 264 < 1.0 < 5.0 < 1.0 < 5.0 513 < 0.0020 7.95 22.0 0.66	AO ≤ 500  N/A  N/A  N/A  N/A  N/A  AO ≤ 15  N/A  MAC = 0.2  7.0-10.5  N/A  OG < 1  MAC = 0	1.00 1.0 1.0 1.0 1.0 1.0 1.0 2.0 0.0020 0.10	mg/L mg/L mg/L mg/L mg/L CU	N/A  2021-03-01 2021-03-01 2021-03-01 2021-03-01 2021-02-25 2021-03-01 2021-03-01 2021-03-01 2021-03-01 2021-03-01 2021-03-01	
Solids, Total Dissolved  General Parameters  Alkalinity, Total (as CaCO3)  Alkalinity, Phenolphthalein (as CaCO3)  Alkalinity, Bicarbonate (as CaCO3)  Alkalinity, Carbonate (as CaCO3)  Alkalinity, Hydroxide (as CaCO3)  Colour, True  Conductivity (EC)  Cyanide, Total  pH  Temperature, at pH  Turbidity  Microbiological Parameters  Coliforms, Total  E. coli  Total Metals	321  264 < 1.0 264 < 1.0 < 5.0 < 1.0 < 5.0 513 < 0.0020 7.95 22.0 0.66	AO ≤ 500  N/A  N/A  N/A  N/A  N/A  N/A  AO ≤ 15  N/A  MAC = 0.2  7.0-10.5  N/A  OG < 1  MAC = 0  MAC = 0	1.00  1.0  1.0  1.0  1.0  1.0  1.0  5.0  2.0  0.0020  0.10  1  1	mg/L mg/L mg/L mg/L mg/L CU	N/A  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-03-01  2021-02-26	



# **TEST RESULTS**

REPORTED TO SION Improvement District
PROJECT Comprehensive Drinking Water

WORK ORDER REPORTED 21B2721 2021-03-04 10:08

Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier
Hardy Mountiain Toad (21B272	1-02)   Matrix: Water   San	npled: 2021-02-24 1	1:00, Continue	ed		
Total Metals, Continued						
Barium, total	0.0609	MAC = 2	0.0050	mg/L	2021-03-02	
Boron, total	< 0.0500	MAC = 5	0.0500	mg/L	2021-03-02	
Cadmium, total	0.000012	MAC = 0.005	0.000010	mg/L	2021-03-02	
Calcium, total	68.0	None Required	0.20	mg/L	2021-03-02	
Chromium, total	0.00076	MAC = 0.05	0.00050	mg/L	2021-03-02	
Cobalt, total	< 0.00010	N/A	0.00010	mg/L	2021-03-02	
Copper, total	0.00075	MAC = 2	0.00040	mg/L	2021-03-02	
Iron, total	< 0.010	AO ≤ 0.3	0.010	mg/L	2021-03-02	
Lead, total	< 0.00020	MAC = 0.005	0.00020	mg/L	2021-03-02	
Magnesium, total	20.5	None Required	0.010	mg/L	2021-03-02	
Manganese, total	0.00553	MAC = 0.12	0.00020	mg/L	2021-03-02	
Mercury, total	< 0.000040	MAC = 0.001	0.000040	mg/L	2021-03-02	
Molybdenum, total	0.00506	N/A	0.00010	mg/L	2021-03-02	
Nickel, total	< 0.00040	N/A	0.00040	mg/L	2021-03-02	
Potassium, total	2.35	N/A	0.10	mg/L	2021-03-02	
Selenium, total	0.0160	MAC = 0.05	0.00050	mg/L	2021-03-02	
Sodium, total	8.17	AO ≤ 200	0.10	mg/L	2021-03-02	
Strontium, total	0.614	7	0.0010	mg/L	2021-03-02	
Uranium, total	0.00637	MAC = 0.02	0.000020	mg/L	2021-03-02	
Zinc, total	0.0060	AO ≤ 5	0.0040	mg/L	2021-03-02	

### Sample Qualifiers:

HT2 The 15 minute recommended holding time (from sampling to analysis) has been exceeded - field analysis is recommended.



### **APPENDIX 1: SUPPORTING INFORMATION**

REPORTED TO SION Improvement District
PROJECT Comprehensive Drinking Water

WORK ORDER

21B2721

REPORTED	2021-03-04 10:08	

Analysis Description	Method Ref.	Technique	Accredited	Location
Alkalinity in Water	SM 2320 B* (2017)	Titration with H2SO4	✓	Kelowna
Anions in Water	SM 4110 B (2017)	Ion Chromatography	✓	Kelowna
Coliforms, Total in Water	SM 9222* (2017)	Membrane Filtration / Chromocult Agar	✓	Kelowna
Colour, True in Water	SM 2120 C (2017)	Spectrophotometry (456 nm)	✓	Kelowna
Conductivity in Water	SM 2510 B (2017)	Conductivity Meter	✓	Kelowna
Cyanide, SAD in Water	ASTM D7511-12	Flow Injection with In-Line UV Digestion and Amperomet	ry 🗸	Kelowna
E. coli in Water	SM 9222* (2017)	Membrane Filtration / Chromocult Agar	✓	Kelowna
Hardness in Water	SM 2340 B* (2017)	Calculation: 2.497 [total Ca] + 4.118 [total Mg] (Est)	✓	N/A
Langelier Index in Water	SM 2330 B (2017)	Calculation		N/A
Mercury, total in Water	EPA 245.7*	BrCl2 Oxidation / Cold Vapor Atomic Fluorescence Spectrometry (CVAFS)	✓	Richmond
pH in Water	SM 4500-H+ B (2017)	Electrometry	✓	Kelowna
Solids, Total Dissolved in Water	SM 1030 E (2017)	SM 1030 E (2011)		N/A
Total Metals in Water	EPA 200.2 / EPA 6020B	HNO3+HCl Hot Block Digestion / Inductively Coupled Plasma-Mass Spectroscopy (ICP-MS)	✓	Richmond
Turbidity in Water	SM 2130 B (2017)	Nephelometry	✓	Kelowna

Note: An asterisk in the Method Reference indicates that the CARO method has been modified from the reference method

### **Glossary of Terms:**

RL Reporting Limit (default)

< Less than the specified Reporting Limit (RL) - the actual RL may be higher than the default RL due to various factors

°C Degrees Celcius AO Aesthetic Objective

CFU/100 mL Colony Forming Units per 100 millilitres

CU Colour Units (referenced against a platinum cobalt standard)

MAC Maximum Acceptable Concentration (health based)

mg/L Milligrams per litre

NTU Nephelometric Turbidity Units
OG Operational Guideline (treated water)
pH units pH < 7 = acidic, ph > 7 = basic  $\mu S/cm$  Microsiemens per centimetre
ASTM ASTM International Test Methods

EPA United States Environmental Protection Agency Test Methods

SM Standard Methods for the Examination of Water and Wastewater, American Public Health Association



### **APPENDIX 1: SUPPORTING INFORMATION**

REPORTED TO SION Improvement District
PROJECT Comprehensive Drinking Water

WORK ORDER

21B2721

**REPORTED** 2021-03-04 10:08

#### **General Comments:**

The results in this report apply to the samples analyzed in accordance with the Chain of Custody document. This analytical report must be reproduced in its entirety. CARO is not responsible for any loss or damage resulting directly or indirectly from error or omission in the conduct of testing. Liability is limited to the cost of analysis. Samples will be disposed of 30 days after the test report has been issued or once samples expire, whichever comes first. Longer hold is possible if agreed to in writing.

Results in **Bold** indicate values that are above CARO's method reporting limits. Any results that are above regulatory limits are highlighted red. Please note that results will only be highlighted red if the regulatory limits are included on the CARO report. Any Bold and/or highlighted results do <u>not</u> take into account method uncertainty. If you would like method uncertainty or regulatory limits to be included on your report, please contact your Account Manager:teamcaro@caro.ca

Please note any regulatory guidelines applied to this report are added as a convenience to the client, at their request, to help provide some initial context to analytical results obtained. Although CARO makes every effort to ensure accuracy of the associated regulatory guideline(s) applied, the guidelines applied cannot be assumed to be correct due to a variety of factors and as such CARO Analytical Services assumes no liability or responsibility for the use of those guidelines to make any decisions. The original source of the regulation should be verified and a review of the guideline(s) should be validated as correct in order to make any decisions arising from the comparison of the analytical data obtained to the relevant regulatory guideline for one's particular circumstances. Further, CARO Analytical Services assumes no liability or responsibility for any loss attributed from the use of these guidelines in any way.



Blank (B1B2433-BLK1)

LCS (B1B2433-BS1)

Colour, True

Colour, True

### **APPENDIX 2: QUALITY CONTROL RESULTS**

REPORTED TO SION Improvement District
PROJECT Comprehensive Drinking Water

WORK ORDER REPORTED 21B2721 2021-03-04 10:08

The following section displays the quality control (QC) data that is associated with your sample data. Groups of samples are prepared in "batches" and analyzed in conjunction with QC samples that ensure your data is of the highest quality. Common QC types include:

- Method Blank (Blk): A blank sample that undergoes sample processing identical to that carried out for the test samples. Method blank results are used to assess contamination from the laboratory environment and reagents.
- **Duplicate (Dup)**: An additional or second portion of a randomly selected sample in the analytical run carried through the entire analytical process. Duplicates provide a measure of the analytical method's precision (reproducibility).
- Blank Spike (BS): A sample of known concentration which undergoes processing identical to that carried out for test samples,
   a I so referred to as a laboratory control sample (LCS). Blank spikes provide a measure of the analytical method's accuracy.
- Matrix Spike (MS): A second aliquot of sample is fortified with with a known concentration of target analytes and carried through
  the entire analytical process. Matrix spikes evaluate potential matrix effects that may affect the analyte recovery.
- Reference Material (SRM): A homogenous material of similar matrix to the samples, certified for the parameter(s) listed.
   Reference Materials ensure that the analytical process is adequate to achieve acceptable recoveries of the parameter(s) tested.

Each QC type is analyzed at a 5-10% frequency, i.e. one blank/duplicate/spike for every 10-20 samples. For all types of QC, the specified recovery (% Rec) and relative percent difference (RPD) limits are derived from long-term method performance averages and/or prescribed by the reference method.

Analyte	Result	RL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifie
Anions, Batch B1B2419									
Blank (B1B2419-BLK1)			Prepared	I: 2021-02-2	26, Analyze	d: 2021-0	02-26		
Chloride	< 0.10	0.10 mg/L							
Fluoride	< 0.10	0.10 mg/L							
Nitrate (as N)	< 0.010	0.010 mg/L							
Nitrite (as N)	< 0.010	0.010 mg/L							
Sulfate	< 1.0	1.0 mg/L							
Blank (B1B2419-BLK2)			Prepared	I: 2021-02-2	27, Analyze	d: 2021-0	02-27		
Chloride	< 0.10	0.10 mg/L							
Fluoride	< 0.10	0.10 mg/L							
Nitrate (as N)	< 0.010	0.010 mg/L							
Nitrite (as N)	< 0.010	0.010 mg/L							
Sulfate	< 1.0	1.0 mg/L							
LCS (B1B2419-BS1)			Prepared	I: 2021-02-2	26, Analyze	d: 2021-0	02-26		
Chloride	16.1	0.10 mg/L	16.0		101	90-110			
Fluoride	3.99	0.10 mg/L	4.00		100	88-108			
Nitrate (as N)	4.03	0.010 mg/L	4.00		101	90-110			
Nitrite (as N)	1.86	0.010 mg/L	2.00		93	85-115			
Sulfate	15.9	1.0 mg/L	16.0		100	90-110			
LCS (B1B2419-BS2)			Prepared	I: 2021-02-2	?7, Analyze	d: 2021-0	02-27		
Chloride	16.1	0.10 mg/L	16.0		101	90-110			
Fluoride	3.97	0.10 mg/L	4.00		99	88-108			
Nitrate (as N)	4.06	0.010 mg/L	4.00		102	90-110			
Nitrite (as N)	1.89	0.010 mg/L	2.00		94	85-115			
Sulfate	16.0	1.0 mg/L	16.0		100	90-110			

20.0

5.0 CU

5.0 CU

20

Prepared: 2021-02-25, Analyzed: 2021-02-25

Prepared: 2021-02-25, Analyzed: 2021-02-25

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Analyte		Result	RL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
General Parameters	s, Batch B1B2442									
Blank (B1B2442-Bl	LK1)			Prepared	: 2021-02-2	6, Analyze	ed: 2021-0	02-26		
Turbidity		< 0.10	0.10 NTU							
LCS (B1B2442-BS1	1)			Prepared	: 2021-02-2	6. Analvze	ed: 2021-0	02-26		
Turbidity	-,	38.6	0.10 NTU	40.0		96	90-110			
General Parameters	s, Batch B1C0003									
Blank (B1C0003-Bi	LK1)			Prepared	: 2021-03-0	1, Analyze	ed: 2021-0	03-01		
Cyanide, Total		< 0.0020	0.0020 mg/L			-				
Blank (B1C0003-Bl	LK2)			Prepared	: 2021-03-0	1, Analyze	ed: 2021-0	03-01		
Cyanide, Total	,	< 0.0020	0.0020 mg/L			, ,				
LCS (B1C0003-BS	1)			Prepared	: 2021-03-0	1, Analyze	ed: 2021-0	03-01		
Cyanide, Total	,	0.0186	0.0020 mg/L	0.0200		93	82-120			
LCS (B1C0003-BS2	2)			Prepared	: 2021-03-0	1 Analyze	ed: 2021-0	03-01		
Cyanide, Total	<del>-,</del>	0.0171	0.0020 mg/L	0.0200	2021 00 0	85	82-120	00 01		
LCS Dup (B1C0003	B-BSD1)			Prepared	: 2021-03-0	1. Analyze		03-01		
Cyanide, Total	,	0.0189	0.0020 mg/L	0.0200		94	82-120	1	10	
LCS Dup (B1C0003	3-BSD2)			Prepared	: 2021-03-0	1, Analyze	ed: 2021-0	03-01		
Cyanide, Total	,	0.0175	0.0020 mg/L	0.0200		87	82-120	2	10	
General Parameters  Blank (B1C0077-Bl  Alkalinity, Total (as Ca	LK1)	< 1.0	1.0 mg/L	Prepared	: 2021-03-0	1, Analyze	ed: 2021-(	03-01		
Alkalinity, Phenolphth		< 1.0	1.0 mg/L							
Alkalinity, Bicarbonate		< 1.0	1.0 mg/L							
Alkalinity, Carbonate ( Alkalinity, Hydroxide (	,	< 1.0 < 1.0	1.0 mg/L 1.0 mg/L							
Conductivity (EC)	as CaCCO)	< 2.0	2.0 µS/cm							
Blank (B1C0077-Bl	LK2)			Prepared	: 2021-03-0	1, Analyze	ed: 2021-0	03-01		
Alkalinity, Total (as Ca	•	< 1.0	1.0 mg/L	· ·						
Alkalinity, Phenolphth		< 1.0	1.0 mg/L							
Alkalinity, Bicarbonate (	,	< 1.0	1.0 mg/L							
Alkalinity, Carbonate (	· ,	< 1.0 < 1.0	1.0 mg/L 1.0 mg/L							
Conductivity (EC)	<u>uo ouo oo,</u>	< 2.0	2.0 µS/cm							
LCS (B1C0077-BS	1)			Prepared	: 2021-03-0	1, Analvze	ed: 2021-0	03-01		
Alkalinity, Total (as Ca	•	108	1.0 mg/L	100		108	80-120			
LCS (B1C0077-BS2				Prepared	: 2021-03-0	1, Analyze		03-01		
Alkalinity, Total (as Ca	•	111	1.0 mg/L	100		111	80-120			
LCS (B1C0077-BS	3)			Prepared	: 2021-03-0	1, Analyze	ed: 2021-0	03-01		
Conductivity (EC)		1460	2.0 µS/cm	1410		104	95-104			
LCS (B1C0077-BS4	4)			Prepared	: 2021-03-0	1, Analyze	ed: 2021-0	03-01		
Conductivity (EC)	<u> </u>	1420	2.0 µS/cm	1410		101	95-104			
Reference (B1C00)	77-SRM1)			Prepared	: 2021-03-0	1, Analyze	ed: 2021-0	03-01		
pH	,	6.97	0.10 pH units	7.01		99	98-102			
									Pa	age 8 of 1



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REPORTED TO PROJECT	SION Improvement Dist					WORK REPOR	ORDER TED	21B2 2021	2721 -03-04	10:08
Analyte		Result	RL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifie
General Parameter	rs, Batch B1C0077, Continu	ıed								
Reference (B1C00	77-SRM2)			Prepared	I: 2021-03-0	1, Analyze	d: 2021-0	3-01		
рН	-	6.97	0.10 pH units	7.01		99	98-102			
Microbiological Pa	rameters, Batch B1B2366									
Blank (B1B2366-B	BLK1)			Prepared	l: 2021-02-2	25, Analyze	d: 2021-0	2-25		
Coliforms, Total		< 1	1 CFU/100	mL						
E. coli		< 1	1 CFU/100	mL						
Blank (B1B2366-B	BLK2)			Prepared	l: 2021-02-2	25, Analyze	d: 2021-0	2-25		
Coliforms, Total	-	< 1	1 CFU/100	mL		<u> </u>				
E. coli		< 1	1 CFU/100	mL						
Blank (B1B2366-B	BLK3)			Prepared	I: 2021-02-2	25, Analyze	d: 2021-0	2-25		
Coliforms, Total	-	< 1	1 CFU/100	mL						
E. coli		< 1	1 CFU/100	mL						
Blank (B1B2366-B	BLK4)			Prepared	I: 2021-02-2	25, Analyze	d: 2021-0	2-25		
Coliforms, Total	-	< 1	1 CFU/100	mL						
E. coli		< 1	1 CFU/100	mL						
Blank (B1B2366-B	BLK5)			Prepared	I: 2021-02-2	25, Analyze	d: 2021-0	2-25		
Coliforms, Total	-	< 1	1 CFU/100	mL						
E. coli		< 1	1 CFU/100	mL						
Blank (B1B2366-B	BLK6)			Prepared	I: 2021-02-2	25, Analyze	d: 2021-0	2-25		
Coliforms, Total	·	< 1	1 CFU/100	mL						
E. coli		< 1	1 CFU/100							
Duplicate (B1B236	66-DUP5)	Sour	ce: 21B2721-01	Prepared	l: 2021-02-2	25, Analyze	d: 2021-0	2-25		
Coliforms, Total	•	< 1	1 CFU/100		< 1				82	
E. coli		< 1	1 CFU/100		< 1				104	

#### Total Metals, Batch B1B2649

Blank (B1B2649-BLK1)			Prepared: 2021-02-28, Analyzed: 2021-03-02
Aluminum, total	< 0.0050	0.0050 mg/L	
Antimony, total	< 0.00020	0.00020 mg/L	
Arsenic, total	< 0.00050	0.00050 mg/L	
Barium, total	< 0.0050	0.0050 mg/L	
Boron, total	< 0.0500	0.0500 mg/L	
Cadmium, total	< 0.000010	0.000010 mg/L	
Calcium, total	< 0.20	0.20 mg/L	
Chromium, total	< 0.00050	0.00050 mg/L	
Cobalt, total	< 0.00010	0.00010 mg/L	
Copper, total	< 0.00040	0.00040 mg/L	
Iron, total	< 0.010	0.010 mg/L	
Lead, total	< 0.00020	0.00020 mg/L	
Magnesium, total	< 0.010	0.010 mg/L	
Manganese, total	< 0.00020	0.00020 mg/L	
Mercury, total	< 0.000040	0.000040 mg/L	
Molybdenum, total	< 0.00010	0.00010 mg/L	
Nickel, total	< 0.00040	0.00040 mg/L	
Potassium, total	< 0.10	0.10 mg/L	
Selenium, total	< 0.00050	0.00050 mg/L	
Sodium, total	< 0.10	0.10 mg/L	
Strontium, total	< 0.0010	0.0010 mg/L	



REPORTED TO PROJECT	SION Improvement District Comprehensive Drinking Water	er			RK ORDER ORTED		2721 1-03-04	10:08
Analyte	Result	RL Un	its Spike Level	Source % RE Result	C REC	% RPD	RPD Limit	Qualifier
Total Metals, Batcl	h B1B2649, Continued							
Blank (B1B2649-B	LK1), Continued		Prepared	d: 2021-02-28, Anal	yzed: 2021-0	03-02		
Uranium, total	< 0.000020	0.000020 mg/	L		-			
Zinc, total	< 0.0040	0.0040 mg						
Blank (B1B2649-B	LK2)		Prepared	d: 2021-02-28, Anal	vzed: 2021-0	03-02		
Aluminum, total	< 0.0050	0.0050 mg			,			
Antimony, total	< 0.00020	0.00020 mg/						
Arsenic, total	< 0.00050	0.00050 mg	L					
Barium, total	< 0.0050	0.0050 mg						
Boron, total	< 0.0500	0.0500 mg						
Cadmium, total	< 0.000010	0.000010 mg						
Calcium, total	< 0.20	0.20 mg						
Chromium, total	< 0.00050	0.00050 mg						
Cobalt, total Copper, total	< 0.00010 < 0.00040	0.00010 mg/ 0.00040 mg/						
Iron, total	< 0.00040	0.010 mg						
Lead, total	< 0.00020	0.00020 mg						
Magnesium, total	< 0.010	0.010 mg/						
Manganese, total	< 0.00020	0.00020 mg/						
Mercury, total	< 0.000040	0.000040 mg/	L					
Molybdenum, total	< 0.00010	0.00010 mg						
Nickel, total	< 0.00040	0.00040 mg	L					
Potassium, total	< 0.10	0.10 mg	L					
Selenium, total	< 0.00050	0.00050 mg						
Sodium, total	< 0.10	0.10 mg/						
Strontium, total	< 0.0010	0.0010 mg						
Uranium, total	< 0.000020	0.000020 mg						
Zinc, total	< 0.0040	0.0040 mg	L					
LCS (B1B2649-BS	1)			d: 2021-02-28, Anal	yzed: 2021-0	03-02		
Aluminum, total	0.0222			111				
Antimony, total	0.0210	0.00020 mg		105				
Arsenic, total	0.0198			99	80-120			
Barium, total	0.0198	0.0050 mg		100				
Boron, total	< 0.0500	0.0500 mg		98	80-120			
Cadmium, total Calcium, total	0.0204 1.88	0.000010 mg/ 0.20 mg/		102 93	80-120 80-120			
Chromium, total	0.0200	0.00050 mg		101				
Cobalt, total	0.0200			102				
Copper, total	0.0205	0.00040 mg		103				
Lead, total	0.0202			101				
Magnesium, total	2.11	0.010 mg/		104				
Manganese, total	0.0199	0.00020 mg	L 0.0199	100	80-120			
Mercury, total	0.00111	0.000040 mg		111	80-120			
Molybdenum, total	0.0192			96	80-120			
Nickel, total	0.0201	0.00040 mg		100				
Potassium, total	1.99			99	80-120			
Selenium, total	0.0200			100				
Sodium, total	2.17			107				
Strontium, total Uranium, total	0.0202 0.0198			101 99	80-120 80-120			
Zinc, total	0.0196			108				
LCS (B1B2649-BS		0.0040 iligi		d: 2021-02-28, Anal		03-02		
Aluminum, total	0.0229	0.0050 mg/		115	-			
Antimony, total	0.0229			109				
•								
Arsenic, total	0.0205	0.00050 mg	L 0.0200	103	80-120			



REPORTED TO PROJECT	SION Improvement District Comprehensive Drinking Water				WORK REPOR	ORDER TED	21B2 2021	2721 -03-04	10:08
Analyte	Result	RL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
Total Metals, Batch	n B1B2649, Continued								
LCS (B1B2649-BS	2), Continued		Prepared	l: 2021-02-28	, Analyze	d: 2021-0	3-02		
Boron, total	< 0.0500	0.0500 mg/L	0.0200		103	80-120			
Cadmium, total	0.0210	0.000010 mg/L	0.0199		105	80-120			
Calcium, total	1.90	0.20 mg/L	2.02		94	80-120			
Chromium, total	0.0208	0.00050 mg/L	0.0198		105	80-120			
Cobalt, total	0.0214	0.00010 mg/L	0.0199		107	80-120			
Copper, total	0.0212	0.00040 mg/L	0.0200		106	80-120			
Lead, total  Magnesium, total	0.0203 2.09	0.00020 mg/L 0.010 mg/L	0.0199 2.02		102 104	80-120 80-120			
Manganese, total	0.0205	0.00020 mg/L	0.0199		103	80-120			
Mercury, total	0.00111	0.000040 mg/L	0.00100		111	80-120			
Molybdenum, total	0.0202	0.00010 mg/L	0.0200		101	80-120			
Nickel, total	0.0209	0.00040 mg/L	0.0200		104	80-120			
Potassium, total	2.02	0.10 mg/L	2.02		100	80-120			
Selenium, total	0.0204	0.00050 mg/L	0.0200		102	80-120			
Sodium, total	2.18	0.10 mg/L	2.02		108	80-120			
Strontium, total	0.0213	0.0010 mg/L	0.0200		107	80-120			
Uranium, total	0.0202	0.000020 mg/L	0.0200		101	80-120			
Zinc, total	0.0215	0.0040 mg/L	0.0200		107	80-120			
Duplicate (B1B264	9-DUP2) So	ource: 21B2721-01	Prepared	l: 2021-02-28	, Analyze	d: 2021-0	3-02		
Aluminum, total	< 0.0050	0.0050 mg/L		< 0.0050				20	
Antimony, total	< 0.00020	0.00020 mg/L		< 0.00020				20	
Arsenic, total	0.00133	0.00050 mg/L		0.00123				20	
Barium, total	0.0091	0.0050 mg/L		0.0086				20	
Boron, total	< 0.0500	0.0500 mg/L		< 0.0500				20	
Cadmium, total	0.000047	0.000010 mg/L		0.000059			22	20	
Calcium, total	27.4	0.20 mg/L		27.6			< 1	20	
Chromium, total	< 0.00050	0.00050 mg/L		< 0.00050				20	
Cobalt, total	< 0.00010	0.00010 mg/L		< 0.00010				20	
Copper, total	0.00417 < 0.010	0.00040 mg/L 0.010 mg/L		0.00393 < 0.010			6	20	
Lead, total	< 0.00020	0.00020 mg/L		< 0.00020				20	
Magnesium, total	4.91	0.010 mg/L		4.77			3	20	
Manganese, total	0.00198	0.00020 mg/L		0.00232			16	20	
Mercury, total	< 0.000040	0.000040 mg/L		< 0.000040				20	
Molybdenum, total	0.00182	0.00010 mg/L		0.00188			3	20	
Nickel, total	< 0.00040	0.00040 mg/L		< 0.00040				20	
Potassium, total	1.00	0.10 mg/L		0.97			3	20	
Selenium, total	< 0.00050	0.00050 mg/L		< 0.00050				20	
Sodium, total	4.70	0.10 mg/L		4.61			2	20	
Strontium, total	0.272	0.0010 mg/L		0.264			3	20	
Uranium, total	0.00128	0.000020 mg/L		0.00129			< 1	20	
Zinc, total	0.0694	0.0040 mg/L		0.0672			3	20	
Reference (B1B26	49-SRM1)		Prepared	: 2021-02-28	s, Analyze	d: 2021-0	3-02		
Aluminum, total	0.305	0.0050 mg/L	0.299		102	70-130			
Antimony, total	0.0533	0.00020 mg/L	0.0517		103	70-130			
Arsenic, total	0.125	0.00050 mg/L	0.119		105	70-130			
Barium, total	0.788	0.0050 mg/L	0.801		98	70-130			
Boron, total	3.84	0.0500 mg/L	4.11		93	70-130			
Cadmium, total	0.0505	0.000010 mg/L	0.0503		100	70-130			
Chromium total	9.71	0.20 mg/L	10.7		91	70-130			
Chromium, total Cobalt, total	0.255 0.0404	0.00050 mg/L 0.00010 mg/L	0.250 0.0384		102 105	70-130 70-130			
Copper, total	0.504	0.00010 mg/L	0.0364		103	70-130			
	0.304								
Iron, total	0.510	0.010 mg/L	0.504		101	70-130			



Mercury, total

## **APPENDIX 2: QUALITY CONTROL RESULTS**

REPORTED TO PROJECT	SION Improvement District Comprehensive Drinking Wa				WORK ORDER REPORTED		21B2721 2021-03-04		1 10:08	
Analyte	Res	ult	RL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifie
Total Metals, Batcl	n B1B2649, Continued									
Reference (B1B26	49-SRM1), Continued			Prepared	: 2021-02-2	8, Analyze	d: 2021-0	3-02		
Magnesium, total	3	.77	0.010 mg/L	3.59		105	70-130			
Manganese, total	0.′	108	0.00020 mg/L	0.111		97	70-130			
Mercury, total	0.006	334	0.000040 mg/L	0.00581		109	70-130			
Molybdenum, total	0.2	200	0.00010 mg/L	0.196		102	70-130			
Nickel, total	0.2	253	0.00040 mg/L	0.248		102	70-130			
Potassium, total	6	.22	0.10 mg/L	5.89		106	70-130			
Selenium, total	0.	120	0.00050 mg/L	0.120		100	70-130			
Sodium, total	9	.03	0.10 mg/L	8.71		104	70-130			
Strontium, total	0.4	403	0.0010 mg/L	0.393		103	70-130			
Uranium, total	0.03	343	0.000020 mg/L	0.0344		100	70-130			
Zinc, total	2	.48	0.0040 mg/L	2.50		99	70-130			
Reference (B1B26	49-SRM2)			Prepared	: 2021-02-2	8, Analyze	d: 2021-0	3-02		
Aluminum, total	0.3	303	0.0050 mg/L	0.299		101	70-130			
Antimony, total	0.05	544	0.00020 mg/L	0.0517		105	70-130			
Arsenic, total	0.1	127	0.00050 mg/L	0.119		107	70-130			
Barium, total	3.0	303	0.0050 mg/L	0.801		100	70-130			
Boron, total	3	.92	0.0500 mg/L	4.11		95	70-130			
Cadmium, total	0.05	518	0.000010 mg/L	0.0503		103	70-130			
Calcium, total	9	.92	0.20 mg/L	10.7		93	70-130			
Chromium, total	0.2	257	0.00050 mg/L	0.250		103	70-130			
Cobalt, total	0.04	406	0.00010 mg/L	0.0384		106	70-130			
Copper, total	0.8	519	0.00040 mg/L	0.487		107	70-130			
Iron, total	0.9	511	0.010 mg/L	0.504		101	70-130			
Lead, total	0.2	283	0.00020 mg/L	0.278		102	70-130			
Magnesium, total	3	.77	0.010 mg/L	3.59		105	70-130			
Manganese, total		110	0.00020 mg/L	0.111		99	70-130			
Mercury, total	0.006	345	0.000040 mg/L	0.00581		111	70-130			
Molybdenum, total		201	0.00010 mg/L	0.196		103	70-130			
Nickel, total		257	0.00040 mg/L	0.248		104	70-130			
Potassium, total		.27	0.10 mg/L	5.89		107	70-130			
Selenium, total		121	0.00050 mg/L	0.120		101	70-130			
Sodium, total		.06	0.10 mg/L	8.71		104	70-130			
Strontium, total		418	0.0010 mg/L	0.393		106	70-130			
Uranium, total	0.00		0.000020 mg/L	0.0344		101	70-130			
Zinc, total	2	2.50	0.0040 mg/L	2.50		100	70-130			
Total Metals, Batc	n B1C0154									
Blank (B1C0154-B	LK1)			Prepared	: 2021-03-0	2, Analyze	d: 2021-0	3-02		
Mercury, total	< 0.0000	010	0.000010 mg/L							
Reference (B1C01	54-SRM1)			Prepared	: 2021-03-0	2, Analyze	d: 2021-0	3-02		

0.000010 mg/L

0.00581

106

70-130

0.00616