CERTIFICATE OF ANALYSIS

REPORTED TO	Slocan River Streamkeepers PO Box 47 Winlaw, BC V0G 2J0		
ATTENTION	Dominique Monnier	**WORK ORDER**	22E2890
PO NUMBER		**RECEIVED / TEMP**	2022-05-20 09:45 / 4.6°C
PROJECT	SIFCO	**REPORTED**	2022-06-01 14:46
PROJECT INFO		**COC NUMBER**	No Number

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

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.

We've Got Chemistry

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.

Ahead of the Curve

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.

Work Order Comments: Custody Seals Intact: N/A

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	Slocan River Streamkeepers	**WORK ORDER**	22E2890
PROJECT	SIFCO	**REPORTED**	2022-06-01 14:46

Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier
WIN-WQ01 (22E2890-01) | Matrix: Water | Sampled: 2022-05-19						
Anions						
Nitrate (as N)	**0.026**	MAC = 10	0.010	mg/L	2022-05-24	HT1
Nitrite (as N)	< 0.010	MAC = 1	0.010	mg/L	2022-05-24	HT1
Phosphate (as P)	< 0.0050	N/A	0.0050	mg/L	2022-05-24	HT1
Calculated Parameters						
Hardness, Total (as CaCO3)	**31.8**	None Required	0.500	mg/L	N/A	
Nitrate+Nitrite (as N)	**0.0260**	N/A	0.0100	mg/L	N/A	
Nitrogen, Total	< 0.0500	N/A	0.0500	mg/L	N/A	
General Parameters						
Ammonia, Total (as N)	< 0.050	None Required	0.050	mg/L	2022-05-23	
Nitrogen, Total Kjeldahl	< 0.050	N/A	0.050	mg/L	2022-05-29	
Phosphorus, Total (as P)	**0.0069**	N/A	0.0050	mg/L	2022-05-26	
Total Metals						
Aluminum, total	**0.0511**	OG < 0.1	0.0050	mg/L	2022-05-28	
Antimony, total	< 0.00020	MAC = 0.006	0.00020	mg/L	2022-05-28	
Arsenic, total	< 0.00050	MAC = 0.01	0.00050	mg/L	2022-05-28	
Barium, total	**0.0216**	MAC = 2	0.0050	mg/L	2022-05-28	
Beryllium, total	< 0.00010	N/A	0.00010	mg/L	2022-05-28	
Bismuth, total	< 0.00010	N/A	0.00010	mg/L	2022-05-28	
Boron, total	< 0.0500	MAC = 5	0.0500	mg/L	2022-05-28	
Cadmium, total	< 0.000010	MAC = 0.005	0.000010	mg/L	2022-05-28	
Calcium, total	**10.8**	None Required	0.20	mg/L	2022-05-28	
Chromium, total	< 0.00050	MAC = 0.05	0.00050	mg/L	2022-05-28	
Cobalt, total	< 0.00010	N/A	0.00010	mg/L	2022-05-28	
Copper, total	< 0.00040	MAC = 2	0.00040	mg/L	2022-05-28	
Iron, total	**0.031**	AO ≤ 0.3	0.010	mg/L	2022-05-28	
Lead, total	< 0.00020	MAC = 0.005	0.00020	mg/L	2022-05-28	
Lithium, total	**0.00045**	N/A	0.00010	mg/L	2022-05-28	
Magnesium, total	**1.17**	None Required	0.010	mg/L	2022-05-28	
Manganese, total	**0.00326**	MAC = 0.12	0.00020	mg/L	2022-05-28	
Molybdenum, total	**0.00085**	N/A	0.00010	mg/L	2022-05-28	
Nickel, total	< 0.00040	N/A	0.00040	mg/L	2022-05-28	
Phosphorus, total	< 0.050	N/A	0.050	mg/L	2022-05-28	
Potassium, total	**0.39**	N/A	0.10	mg/L	2022-05-28	
Selenium, total	< 0.00050	MAC = 0.05	0.00050	mg/L	2022-05-28	
Silicon, total	**4.2**	N/A	1.0	mg/L	2022-05-28	
Silver, total	< 0.000050	None Required	0.000050	mg/L	2022-05-28	
Sodium, total	**1.17**	AO ≤ 200	0.10	mg/L	2022-05-28	
Strontium, total	**0.272**	MAC = 7	0.0010	mg/L	2022-05-28	
Sulfur, total	< 3.0	N/A	3.0	mg/L	2022-05-28	
Tellurium, total	< 0.00050	N/A	0.00050	mg/L	2022-05-28	
Thallium, total	< 0.000020	N/A	0.000020	mg/L	2022-05-28	

TEST RESULTS

REPORTED TO	Slocan River Streamkeepers	**WORK ORDER**	22E2890
PROJECT	SIFCO	**REPORTED**	2022-06-01 14:46

Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier
WIN-WQ01 (22E2890-01) | Matrix: Water | Sampled: 2022-05-19, Continued						
Total Metals, Continued						
Thorium, total	< 0.00010	N/A	0.00010	mg/L	2022-05-28	
Tin, total	< 0.00020	N/A	0.00020	mg/L	2022-05-28	
Titanium, total	< 0.0050	N/A	0.0050	mg/L	2022-05-28	
Tungsten, total	< 0.0002	N/A	0.0002	mg/L	2022-05-28	
Uranium, total	**0.000138**	MAC = 0.02	0.000020	mg/L	2022-05-28	
Vanadium, total	< 0.0050	N/A	0.0050	mg/L	2022-05-28	
Zinc, total	< 0.0040	AO ≤ 5	0.0040	mg/L	2022-05-28	
Zirconium, total	**0.00011**	N/A	0.00010	mg/L	2022-05-28	
TRO-WQ01 (22E2890-02) | Matrix: Water | Sampled: 2022-05-19						
Anions						
Nitrate (as N)	**0.121**	MAC = 10	0.010	mg/L	2022-05-24	HT1
Nitrite (as N)	< 0.010	MAC = 1	0.010	mg/L	2022-05-24	HT1
Phosphate (as P)	< 0.0050	N/A	0.0050	mg/L	2022-05-24	HT1
Calculated Parameters						
Hardness, Total (as CaCO3)	**25.3**	None Required	0.500	mg/L	N/A	
Nitrate+Nitrite (as N)	**0.121**	N/A	0.0100	mg/L	N/A	
Nitrogen, Total	**0.121**	N/A	0.0500	mg/L	N/A	
General Parameters						
Ammonia, Total (as N)	< 0.050	None Required	0.050	mg/L	2022-05-23	
Nitrogen, Total Kjeldahl	< 0.050	N/A	0.050	mg/L	2022-05-29	
Phosphorus, Total (as P)	**0.0121**	N/A	0.0050	mg/L	2022-05-26	
Total Metals						
Aluminum, total	**0.0976**	OG < 0.1	0.0050	mg/L	2022-05-28	
Antimony, total	< 0.00020	MAC = 0.006	0.00020	mg/L	2022-05-28	
Arsenic, total	< 0.00050	MAC = 0.01	0.00050	mg/L	2022-05-28	
Barium, total	**0.0138**	MAC = 2	0.0050	mg/L	2022-05-28	
Beryllium, total	< 0.00010	N/A	0.00010	mg/L	2022-05-28	
Bismuth, total	< 0.00010	N/A	0.00010	mg/L	2022-05-28	
Boron, total	< 0.0500	MAC = 5	0.0500	mg/L	2022-05-28	
Cadmium, total	< 0.000010	MAC = 0.005	0.000010	mg/L	2022-05-28	
Calcium, total	**8.76**	None Required	0.20	mg/L	2022-05-28	
Chromium, total	< 0.00050	MAC = 0.05	0.00050	mg/L	2022-05-28	
Cobalt, total	< 0.00010	N/A	0.00010	mg/L	2022-05-28	
Copper, total	< 0.00040	MAC = 2	0.00040	mg/L	2022-05-28	
Iron, total	**0.068**	AO ≤ 0.3	0.010	mg/L	2022-05-28	
Lead, total	< 0.00020	MAC = 0.005	0.00020	mg/L	2022-05-28	
Lithium, total	**0.00068**	N/A	0.00010	mg/L	2022-05-28	
Magnesium, total	**0.831**	None Required	0.010	mg/L	2022-05-28	
Manganese, total	**0.00768**	MAC = 0.12	0.00020	mg/L	2022-05-28	

TEST RESULTS

REPORTED TO	Slocan River Streamkeepers	**WORK ORDER**	22E2890
PROJECT	SIFCO	**REPORTED**	2022-06-01 14:46

Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier
TRO-WQ01 (22E2890-02) | Matrix: Water | Sampled: 2022-05-19, Continued						
Total Metals, Continued						
Molybdenum, total	**0.00037**	N/A	0.00010	mg/L	2022-05-28	
Nickel, total	< 0.00040	N/A	0.00040	mg/L	2022-05-28	
Phosphorus, total	< 0.050	N/A	0.050	mg/L	2022-05-28	
Potassium, total	**0.40**	N/A	0.10	mg/L	2022-05-28	
Selenium, total	< 0.00050	MAC = 0.05	0.00050	mg/L	2022-05-28	
Silicon, total	**3.9**	N/A	1.0	mg/L	2022-05-28	
Silver, total	< 0.000050	None Required	0.000050	mg/L	2022-05-28	
Sodium, total	**1.12**	AO ≤ 200	0.10	mg/L	2022-05-28	
Strontium, total	**0.162**	MAC = 7	0.0010	mg/L	2022-05-28	
Sulfur, total	< 3.0	N/A	3.0	mg/L	2022-05-28	
Tellurium, total	< 0.00050	N/A	0.00050	mg/L	2022-05-28	
Thallium, total	< 0.000020	N/A	0.000020	mg/L	2022-05-28	
Thorium, total	< 0.00010	N/A	0.00010	mg/L	2022-05-28	
Tin, total	< 0.00020	N/A	0.00020	mg/L	2022-05-28	
Titanium, total	< 0.0050	N/A	0.0050	mg/L	2022-05-28	
Tungsten, total	< 0.0002	N/A	0.0002	mg/L	2022-05-28	
Uranium, total	**0.000734**	MAC = 0.02	0.000020	mg/L	2022-05-28	
Vanadium, total	< 0.0050	N/A	0.0050	mg/L	2022-05-28	
Zinc, total	< 0.0040	AO ≤ 5	0.0040	mg/L	2022-05-28	
Zirconium, total	< 0.00010	N/A	0.00010	mg/L	2022-05-28	

Sample Qualifiers:

HT1 The sample was prepared and/or analyzed past the recommended holding time.

APPENDIX 1: SUPPORTING INFORMATION

REPORTED TO	Slocan River Streamkeepers	**WORK ORDER**	22E2890
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Analysis Description	Method Ref.	Technique	Accredited	Location
Ammonia, Total in Water	SM 4500-NH3 G* (2017)	Automated Colorimetry (Phenate)	✓	Kelowna
Anions in Water	SM 4110 B (2017)	Ion Chromatography	✓	Kelowna
Hardness in Water	SM 2340 B* (2017)	Calculation: 2.497 [total Ca] + 4.118 [total Mg] (Est)	✓	N/A
Nitrogen, Total Kjeldahl in Water	SM 4500-Norg D* (2017)	Block Digestion and Flow Injection Analysis	✓	Kelowna
Phosphorus, Total in Water	SM 4500-P B.5* (2011) / SM 4500-P F (2017)	Persulfate Digestion / Automated Colorimetry (Ascorbic Acid)	✓	Kelowna
Total Metals in Water	EPA 200.2 / EPA 6020B	HNO3+HCl Hot Block Digestion / Inductively Coupled Plasma-Mass Spectroscopy (ICP-MS)	✓	Richmond

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
AO	Aesthetic Objective
MAC	Maximum Acceptable Concentration (health based)
mg/L	Milligrams per litre
OG	Operational Guideline (treated water)
EPA	United States Environmental Protection Agency Test Methods
SM	Standard Methods for the Examination of Water and Wastewater, American Public Health Association

Guidelines Referenced in this Report:

Guidelines for Canadian Drinking Water Quality (Health Canada, June 2019)

Note: In some cases, the values displayed on the report represent the lowest guideline and are to be verified by the end user

APPENDIX 1: SUPPORTING INFORMATION

REPORTED TO	Slocan River Streamkeepers	**WORK ORDER**	22E2890
PROJECT	SIFCO	**REPORTED**	2022-06-01 14:46

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 not 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.

APPENDIX 2: QUALITY CONTROL RESULTS

REPORTED TO	Slocan River Streamkeepers	**WORK ORDER**	22E2890
PROJECT	SIFCO	**REPORTED**	2022-06-01 14:46

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, also 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 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	Qualifier
Anions, Batch B2E2553										
Blank (B2E2553-BLK1)				Prepared: 2022-05-24, Analyzed: 2022-05-24						
Nitrate (as N)	< 0.010	0.010	mg/L							
Nitrite (as N)	< 0.010	0.010	mg/L							
Phosphate (as P)	< 0.0050	0.0050	mg/L							
General Parameters, Batch B2E2616										
Blank (B2E2616-BLK1)				Prepared: 2022-05-23, Analyzed: 2022-05-23						
Ammonia, Total (as N)	< 0.050	0.050	mg/L							
Blank (B2E2616-BLK2)				Prepared: 2022-05-23, Analyzed: 2022-05-23						
Ammonia, Total (as N)	< 0.050	0.050	mg/L							
Blank (B2E2616-BLK3)				Prepared: 2022-05-23, Analyzed: 2022-05-23						
Ammonia, Total (as N)	< 0.050	0.050	mg/L							
LCS (B2E2616-BS1)				Prepared: 2022-05-23, Analyzed: 2022-05-23						
Ammonia, Total (as N)	0.978	0.050	mg/L	1.00		98	90-115			
LCS (B2E2616-BS2)				Prepared: 2022-05-23, Analyzed: 2022-05-23						
Ammonia, Total (as N)	0.955	0.050	mg/L	1.00		96	90-115			
LCS (B2E2616-BS3)				Prepared: 2022-05-23, Analyzed: 2022-05-23						
Ammonia, Total (as N)	0.966	0.050	mg/L	1.00		97	90-115			
Duplicate (B2E2616-DUP3)			**Source: 22E2890-02**	Prepared: 2022-05-23, Analyzed: 2022-05-23						
Ammonia, Total (as N)	< 0.050	0.050	mg/L		< 0.050				15	
Matrix Spike (B2E2616-MS3)			**Source: 22E2890-02**	Prepared: 2022-05-23, Analyzed: 2022-05-23						
Ammonia, Total (as N)	0.281	0.050	mg/L	0.250	< 0.050	99	75-125			
General Parameters, Batch B2E2930										
Blank (B2E2930-BLK2)				Prepared: 2022-05-25, Analyzed: 2022-05-26						
Phosphorus, Total (as P)	< 0.0050	0.0050	mg/L							

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REPORTED TO	Slocan River Streamkeepers	**WORK ORDER**	22E2890
PROJECT	SIFCO	**REPORTED**	2022-06-01 14:46

Analyte	Result	RL	Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
General Parameters, Batch B2E2930, Continued										
Blank (B2E2930-BLK3)				Prepared: 2022-05-25, Analyzed: 2022-05-26						
Phosphorus, Total (as P)	< 0.0050	0.0050	mg/L							
LCS (B2E2930-BS2)				Prepared: 2022-05-25, Analyzed: 2022-05-26						
Phosphorus, Total (as P)	0.0991	0.0050	mg/L	0.100		99	85-115			
LCS (B2E2930-BS3)				Prepared: 2022-05-25, Analyzed: 2022-05-26						
Phosphorus, Total (as P)	0.0981	0.0050	mg/L	0.100		98	85-115			
Duplicate (B2E2930-DUP3)		**Source: 22E2890-02**		Prepared: 2022-05-25, Analyzed: 2022-05-26						
Phosphorus, Total (as P)	0.0119	0.0050	mg/L		0.0121				15	
Matrix Spike (B2E2930-MS3)		**Source: 22E2890-02**		Prepared: 2022-05-25, Analyzed: 2022-05-26						
Phosphorus, Total (as P)	0.112	0.0050	mg/L	0.102	0.0121	98	70-125			
General Parameters, Batch B2E3181										
Blank (B2E3181-BLK1)				Prepared: 2022-05-27, Analyzed: 2022-05-29						
Nitrogen, Total Kjeldahl	< 0.050	0.050	mg/L							
Blank (B2E3181-BLK2)				Prepared: 2022-05-27, Analyzed: 2022-05-29						
Nitrogen, Total Kjeldahl	< 0.050	0.050	mg/L							
LCS (B2E3181-BS1)				Prepared: 2022-05-27, Analyzed: 2022-05-29						
Nitrogen, Total Kjeldahl	0.993	0.050	mg/L	1.00		99	85-115			
LCS (B2E3181-BS2)				Prepared: 2022-05-27, Analyzed: 2022-05-29						
Nitrogen, Total Kjeldahl	0.983	0.050	mg/L	1.00		98	85-115			
Total Metals, Batch B2E3009										
Blank (B2E3009-BLK1)				Prepared: 2022-05-26, Analyzed: 2022-05-28						
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							
Beryllium, total	< 0.00010	0.00010	mg/L							
Bismuth, total	< 0.00010	0.00010	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							
Lithium, total	< 0.00010	0.00010	mg/L							
Magnesium, total	< 0.010	0.010	mg/L							
Manganese, total	< 0.00020	0.00020	mg/L							
Molybdenum, total	< 0.00010	0.00010	mg/L							
Nickel, total	< 0.00040	0.00040	mg/L							
Phosphorus, total	< 0.050	0.050	mg/L							
Potassium, total	< 0.10	0.10	mg/L							
Selenium, total	< 0.00050	0.00050	mg/L							
Silicon, total	< 1.0	1.0	mg/L							
Silver, total	< 0.000050	0.000050	mg/L							
Sodium, total	< 0.10	0.10	mg/L							

APPENDIX 2: QUALITY CONTROL RESULTS

REPORTED TO	Slocan River Streamkeepers	**WORK ORDER**	22E2890
PROJECT	SIFCO	**REPORTED**	2022-06-01 14:46

Analyte	Result	RL	Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
Total Metals, Batch B2E3009, Continued										
Blank (B2E3009-BLK1), Continued				Prepared: 2022-05-26, Analyzed: 2022-05-28						
Strontium, total	< 0.0010	0.0010	mg/L							
Sulfur, total	< 3.0	3.0	mg/L							
Tellurium, total	< 0.00050	0.00050	mg/L							
Thallium, total	< 0.000020	0.000020	mg/L							
Thorium, total	0.00012	0.00010	mg/L							
Tin, total	< 0.00020	0.00020	mg/L							
Titanium, total	< 0.0050	0.0050	mg/L							
Tungsten, total	< 0.0002	0.0002	mg/L							
Uranium, total	< 0.000020	0.000020	mg/L							
Vanadium, total	< 0.0050	0.0050	mg/L							
Zinc, total	< 0.0040	0.0040	mg/L							
Zirconium, total	< 0.00010	0.00010	mg/L							
LCS (B2E3009-BS1)				Prepared: 2022-05-26, Analyzed: 2022-05-28						
Aluminum, total	3.99	0.0050	mg/L	4.00		100	80-120			
Antimony, total	0.0377	0.00020	mg/L	0.0400		94	80-120			
Arsenic, total	0.0386	0.00050	mg/L	0.0400		96	80-120			
Barium, total	0.0446	0.0050	mg/L	0.0400		112	80-120			
Beryllium, total	0.0395	0.00010	mg/L	0.0400		99	80-120			
Bismuth, total	0.0357	0.00010	mg/L	0.0400		89	80-120			
Boron, total	< 0.0500	0.0500	mg/L	0.0400		99	80-120			
Cadmium, total	0.0387	0.000010	mg/L	0.0400		97	80-120			
Calcium, total	3.88	0.20	mg/L	4.00		97	80-120			
Chromium, total	0.0394	0.00050	mg/L	0.0400		99	80-120			
Cobalt, total	0.0398	0.00010	mg/L	0.0400		99	80-120			
Copper, total	0.0393	0.00040	mg/L	0.0400		98	80-120			
Iron, total	3.96	0.010	mg/L	4.00		99	80-120			
Lead, total	0.0371	0.00020	mg/L	0.0400		93	80-120			
Lithium, total	0.0389	0.00010	mg/L	0.0400		97	80-120			
Magnesium, total	4.05	0.010	mg/L	4.00		101	80-120			
Manganese, total	0.0400	0.00020	mg/L	0.0400		100	80-120			
Molybdenum, total	0.0394	0.00010	mg/L	0.0400		99	80-120			
Nickel, total	0.0394	0.00040	mg/L	0.0400		99	80-120			
Phosphorus, total	3.97	0.050	mg/L	4.00		99	80-120			
Potassium, total	3.94	0.10	mg/L	4.00		98	80-120			
Selenium, total	0.0383	0.00050	mg/L	0.0400		96	80-120			
Silicon, total	3.9	1.0	mg/L	4.00		96	80-120			
Silver, total	0.0394	0.000050	mg/L	0.0400		98	80-120			
Sodium, total	4.28	0.10	mg/L	4.00		107	80-120			
Strontium, total	0.0425	0.0010	mg/L	0.0400		106	80-120			
Sulfur, total	38.4	3.0	mg/L	40.0		96	80-120			
Tellurium, total	0.0379	0.00050	mg/L	0.0400		95	80-120			
Thallium, total	0.0371	0.000020	mg/L	0.0400		93	80-120			
Thorium, total	0.0372	0.00010	mg/L	0.0400		93	80-120			
Tin, total	0.0389	0.00020	mg/L	0.0400		97	80-120			
Titanium, total	0.0390	0.0050	mg/L	0.0400		97	80-120			
Tungsten, total	0.0409	0.0002	mg/L	0.0400		102	80-120			
Uranium, total	0.0372	0.000020	mg/L	0.0400		93	80-120			
Vanadium, total	0.0394	0.0050	mg/L	0.0400		98	80-120			
Zinc, total	0.0392	0.0040	mg/L	0.0400		98	80-120			
Zirconium, total	0.0398	0.00010	mg/L	0.0400		99	80-120			