



CERTIFICATE OF ANALYSIS

REPORTED TO Sechelt, District of
PO Box 129, 2nd Floor, 5797 Cowrie Street
Sechelt, BC V0N 3A0

ATTENTION Christine Miller

PO NUMBER
PROJECT WRC
PROJECT INFO

WORK ORDER 9060605

RECEIVED / TEMP 2019-06-06 15:29 / 14°C
REPORTED 2019-06-11 17:17
COC NUMBER B67803

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 17025:2005 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



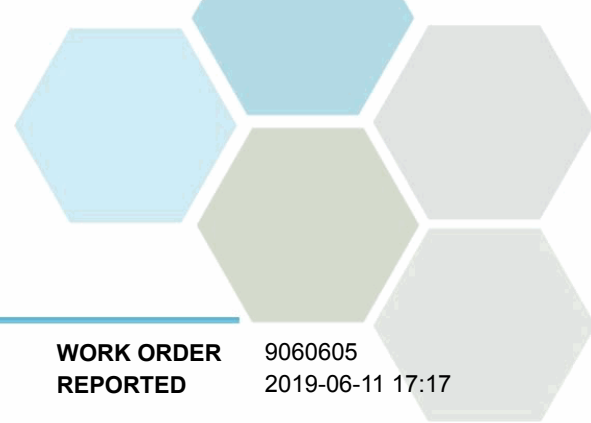
Through research, regulation knowledge, and instrumentation, we are your analytical centre for the technical knowledge you need, BEFORE you need it, so you can stay up to date and in the know.

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

Authorized By:

Bryan Shaw, Ph.D., P.Chem.
Client Service Coordinator

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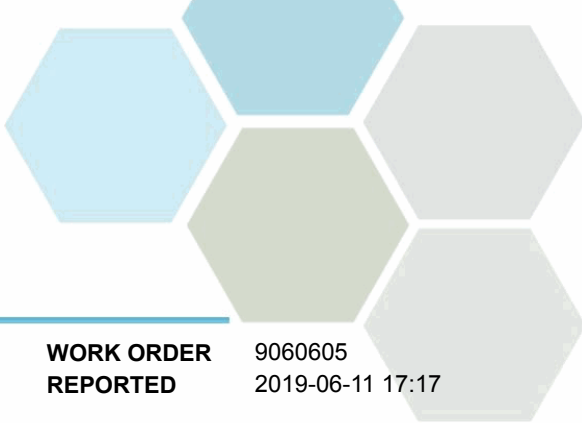


TEST RESULTS

REPORTED TO PROJECT Sechelt, District of WRC

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Analyte	Result	RL	Units	Analyzed	Qualifier
Ground Water - EBBTIDE (9060605-01) Matrix: Water Sampled: 2019-06-06 08:30					
Anions					
Chloride	17.8	0.10	mg/L	2019-06-07	
Fluoride	< 0.10	0.10	mg/L	2019-06-07	
Nitrate (as N)	0.571	0.010	mg/L	2019-06-07	
Nitrite (as N)	< 0.010	0.010	mg/L	2019-06-07	
Sulfate	4.8	1.0	mg/L	2019-06-07	
Calculated Parameters					
Hardness, Total (as CaCO3)	25.4	0.500	mg/L	N/A	
Langelier Index	-1.9	-5.0		2019-06-11	
Solids, Total Dissolved	66.6	1.00	mg/L	N/A	
General Parameters					
Alkalinity, Total (as CaCO3)	28.8	1.0	mg/L	2019-06-07	
Alkalinity, Phenolphthalein (as CaCO3)	< 1.0	1.0	mg/L	2019-06-07	
Alkalinity, Bicarbonate (as CaCO3)	28.8	1.0	mg/L	2019-06-07	
Alkalinity, Carbonate (as CaCO3)	< 1.0	1.0	mg/L	2019-06-07	
Alkalinity, Hydroxide (as CaCO3)	< 1.0	1.0	mg/L	2019-06-07	
Colour, True	< 5.0	5.0	CU	2019-06-07	
Conductivity (EC)	128	2.0	µS/cm	2019-06-07	
Cyanide, Total	< 0.0050	0.0020	mg/L	2019-06-07	
pH	7.10	0.10	pH units	2019-06-07	HT2
Temperature, at pH	23.3		°C	2019-06-07	HT2
Turbidity	16.7	0.10	NTU	2019-06-07	
Total Metals					
Aluminum, total	< 0.0050	0.0050	mg/L	2019-06-07	
Antimony, total	< 0.00020	0.00020	mg/L	2019-06-07	
Arsenic, total	< 0.00050	0.00050	mg/L	2019-06-07	
Barium, total	0.0064	0.0050	mg/L	2019-06-07	
Boron, total	0.0144	0.0050	mg/L	2019-06-07	
Cadmium, total	0.000017	0.000010	mg/L	2019-06-07	
Calcium, total	8.39	0.20	mg/L	2019-06-07	
Chromium, total	0.00059	0.00050	mg/L	2019-06-07	
Cobalt, total	0.00011	0.00010	mg/L	2019-06-07	
Copper, total	0.0144	0.00040	mg/L	2019-06-07	
Iron, total	0.363	0.010	mg/L	2019-06-07	
Lead, total	0.00040	0.00020	mg/L	2019-06-07	
Magnesium, total	1.07	0.010	mg/L	2019-06-07	
Manganese, total	0.0125	0.00020	mg/L	2019-06-07	
Mercury, total	< 0.000010	0.000010	mg/L	2019-06-07	
Molybdenum, total	0.00010	0.00010	mg/L	2019-06-07	
Nickel, total	0.00174	0.00040	mg/L	2019-06-07	
Potassium, total	0.61	0.10	mg/L	2019-06-07	



TEST RESULTS

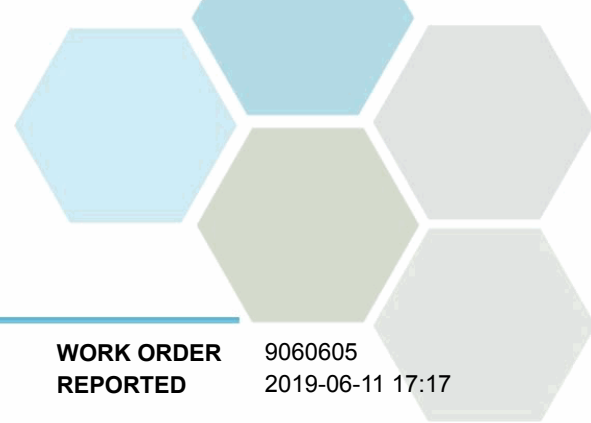
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Analyte	Result	RL	Units	Analyzed	Qualifier
Ground Water - EBBTIDE (9060605-01) Matrix: Water Sampled: 2019-06-06 08:30, Continued					
<i>Total Metals, Continued</i>					
Selenium, total	< 0.00050	0.00050	mg/L	2019-06-07	
Sodium, total	13.9	0.10	mg/L	2019-06-07	
Strontium, total	0.0775	0.0010	mg/L	2019-06-07	
Uranium, total	< 0.000020	0.000020	mg/L	2019-06-07	
Zinc, total	0.718	0.0040	mg/L	2019-06-07	
<i>Microbiological Parameters</i>					
Coliforms, Total	6	1	CFU/100 mL	2019-06-07	
E. coli	<1	1	CFU/100 mL	2019-06-07	

Sample Qualifiers:

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



APPENDIX 1: SUPPORTING INFORMATION

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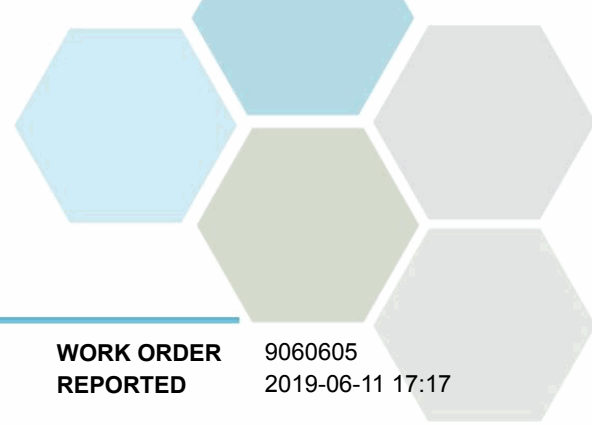
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Analysis Description	Method Ref.	Technique	Location
Alkalinity in Water	SM 2320 B* (2017)	Titration with H2SO4	Kelowna
Anions in Water	SM 4110 B (2017)	Ion Chromatography	Kelowna
Coliforms, Total in Water	SM 9222 (2017)	Membrane Filtration	Sublet
Colour, 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 Amperometry	Kelowna
E. coli in Water	SM 9223 B (2017)	Enzyme Substrate Endo Agar	Sublet
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
<1	Less than the specified Reporting Limit (RL) - the actual RL may be higher than the default RL due to various factors
°C	Degrees Celcius
CFU/100 mL	Colony Forming Units per 100 millilitres
CU	Colour Units (referenced against a platinum cobalt standard)
mg/L	Milligrams per litre
NTU	Nephelometric Turbidity Units
pH units	pH < 7 = acidic, pH > 7 = basic
µS/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



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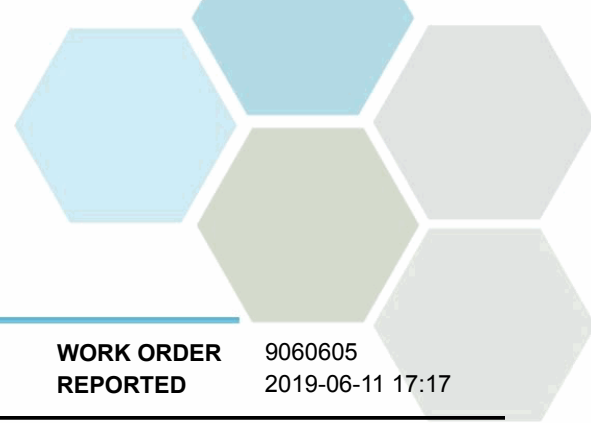
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General Comments:

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 unless otherwise 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: bshaw@caro.ca



APPENDIX 2: QUALITY CONTROL RESULTS

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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 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
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Anions, Batch B9F0533

Blank (B9F0533-BLK1)		Prepared: 2019-06-07, Analyzed: 2019-06-07							
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 (B9F0533-BS1)		Prepared: 2019-06-07, Analyzed: 2019-06-07							
Chloride	16.1	0.10 mg/L	16.0		100	90-110			
Fluoride	3.93	0.10 mg/L	4.00		98	88-108			
Nitrate (as N)	3.92	0.010 mg/L	4.00		98	90-110			
Nitrite (as N)	1.93	0.010 mg/L	2.00		97	85-115			
Sulfate	15.9	1.0 mg/L	16.0		99	90-110			

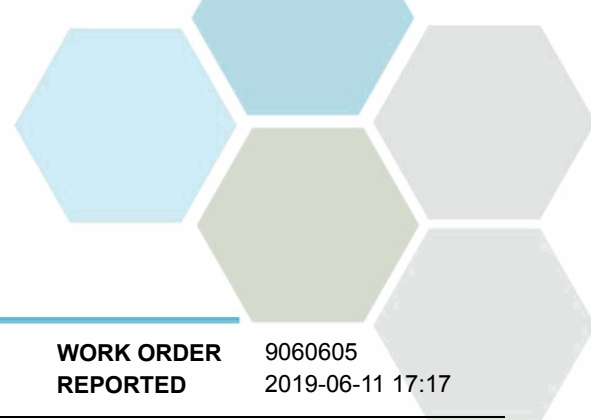
Duplicate (B9F0533-DUP1)		Source: 9060605-01		Prepared: 2019-06-07, Analyzed: 2019-06-07					
Chloride	18.8	0.10 mg/L	17.8				5	10	
Fluoride	< 0.10	0.10 mg/L	< 0.10					10	
Nitrate (as N)	0.528	0.010 mg/L	0.571				8	10	
Nitrite (as N)	< 0.010	0.010 mg/L	< 0.010					15	
Sulfate	4.5	1.0 mg/L	4.8					10	

Matrix Spike (B9F0533-MS1)		Source: 9060605-01		Prepared: 2019-06-07, Analyzed: 2019-06-07					
Chloride	32.9	0.10 mg/L	16.0	17.8	94	75-125			
Fluoride	3.94	0.10 mg/L	4.00	< 0.10	97	75-125			
Nitrate (as N)	4.51	0.010 mg/L	4.00	0.571	98	75-125			
Nitrite (as N)	1.97	0.010 mg/L	2.00	< 0.010	99	80-120			
Sulfate	20.3	1.0 mg/L	16.0	4.8	97	75-125			

General Parameters, Batch B9F0395

Blank (B9F0395-BLK1)		Prepared: 2019-06-07, Analyzed: 2019-06-07							
Colour, True	< 5.0	5.0 CU							

Blank (B9F0395-BLK2)		Prepared: 2019-06-07, Analyzed: 2019-06-07							
Colour, True	< 5.0	5.0 CU							

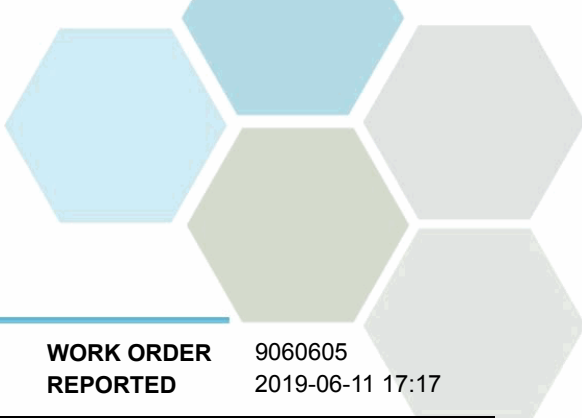


APPENDIX 2: QUALITY CONTROL RESULTS

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Analyte	Result	RL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
General Parameters, Batch B9F0395, Continued									
LCS (B9F0395-BS1)			Prepared: 2019-06-07, Analyzed: 2019-06-07						
Colour, True	20	5.0 CU	20.0		99	85-115			
LCS (B9F0395-BS2)			Prepared: 2019-06-07, Analyzed: 2019-06-07						
Colour, True	20	5.0 CU	20.0		102	85-115			
General Parameters, Batch B9F0501									
Blank (B9F0501-BLK1)			Prepared: 2019-06-07, Analyzed: 2019-06-07						
Cyanide, Total	< 0.0020	0.0020 mg/L							
Blank (B9F0501-BLK2)			Prepared: 2019-06-07, Analyzed: 2019-06-07						
Cyanide, Total	< 0.0020	0.0020 mg/L							
LCS (B9F0501-BS1)			Prepared: 2019-06-07, Analyzed: 2019-06-07						
Cyanide, Total	0.0217	0.0020 mg/L	0.0200		108	82-120			
LCS (B9F0501-BS2)			Prepared: 2019-06-07, Analyzed: 2019-06-07						
Cyanide, Total	0.0198	0.0020 mg/L	0.0200		99	82-120			
LCS Dup (B9F0501-BSD1)			Prepared: 2019-06-07, Analyzed: 2019-06-07						
Cyanide, Total	0.0210	0.0020 mg/L	0.0200		105	82-120	3	10	
LCS Dup (B9F0501-BSD2)			Prepared: 2019-06-07, Analyzed: 2019-06-07						
Cyanide, Total	0.0198	0.0020 mg/L	0.0200		99	82-120	< 1	10	
General Parameters, Batch B9F0518									
Blank (B9F0518-BLK1)			Prepared: 2019-06-07, Analyzed: 2019-06-07						
Turbidity	< 0.10	0.10 NTU							
Blank (B9F0518-BLK2)			Prepared: 2019-06-07, Analyzed: 2019-06-07						
Turbidity	< 0.10	0.10 NTU							
LCS (B9F0518-BS1)			Prepared: 2019-06-07, Analyzed: 2019-06-07						
Turbidity	38.0	0.10 NTU	40.0		95	90-110			
LCS (B9F0518-BS2)			Prepared: 2019-06-07, Analyzed: 2019-06-07						
Turbidity	38.0	0.10 NTU	40.0		95	90-110			
General Parameters, Batch B9F0604									
Blank (B9F0604-BLK1)			Prepared: 2019-06-07, Analyzed: 2019-06-07						
Alkalinity, Total (as CaCO3)	< 1.0	1.0 mg/L							
Alkalinity, Phenolphthalein (as CaCO3)	< 1.0	1.0 mg/L							
Alkalinity, Bicarbonate (as CaCO3)	< 1.0	1.0 mg/L							
Alkalinity, Carbonate (as CaCO3)	< 1.0	1.0 mg/L							
Alkalinity, Hydroxide (as CaCO3)	< 1.0	1.0 mg/L							
Conductivity (EC)	< 2.0	2.0 µS/cm							
Blank (B9F0604-BLK2)			Prepared: 2019-06-07, Analyzed: 2019-06-07						
Alkalinity, Total (as CaCO3)	< 1.0	1.0 mg/L							
Alkalinity, Phenolphthalein (as CaCO3)	< 1.0	1.0 mg/L							
Alkalinity, Bicarbonate (as CaCO3)	< 1.0	1.0 mg/L							
Alkalinity, Carbonate (as CaCO3)	< 1.0	1.0 mg/L							
Alkalinity, Hydroxide (as CaCO3)	< 1.0	1.0 mg/L							



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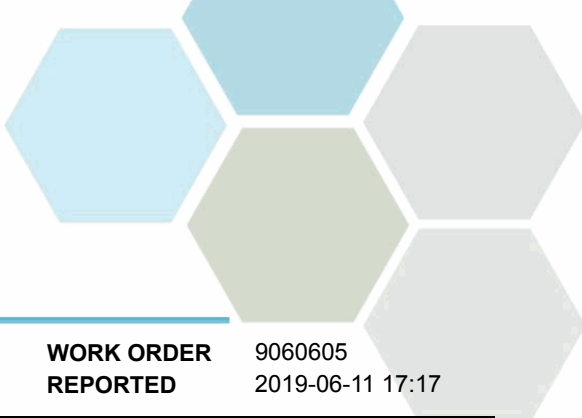
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Analyte	Result	RL Units	Spike Level Source Result % REC REC Limit % RPD RPD Limit Qualifier

General Parameters, Batch B9F0604, Continued

Blank (B9F0604-BLK2), Continued		Prepared: 2019-06-07, Analyzed: 2019-06-07		
Conductivity (EC)	< 2.0	2.0	µS/cm	
Blank (B9F0604-BLK3)		Prepared: 2019-06-07, Analyzed: 2019-06-07		
Alkalinity, Total (as CaCO3)	< 1.0	1.0	mg/L	
Alkalinity, Phenolphthalein (as CaCO3)	< 1.0	1.0	mg/L	
Alkalinity, Bicarbonate (as CaCO3)	< 1.0	1.0	mg/L	
Alkalinity, Carbonate (as CaCO3)	< 1.0	1.0	mg/L	
Alkalinity, Hydroxide (as CaCO3)	< 1.0	1.0	mg/L	
Conductivity (EC)	< 2.0	2.0	µS/cm	
LCS (B9F0604-BS1)		Prepared: 2019-06-07, Analyzed: 2019-06-07		
Alkalinity, Total (as CaCO3)	103	1.0	mg/L	100 103 80-120
LCS (B9F0604-BS2)		Prepared: 2019-06-07, Analyzed: 2019-06-07		
Alkalinity, Total (as CaCO3)	104	1.0	mg/L	100 104 80-120
LCS (B9F0604-BS3)		Prepared: 2019-06-07, Analyzed: 2019-06-07		
Alkalinity, Total (as CaCO3)	115	1.0	mg/L	100 115 80-120
LCS (B9F0604-BS4)		Prepared: 2019-06-07, Analyzed: 2019-06-07		
Conductivity (EC)	1390	2.0	µS/cm	1410 99 95-104
LCS (B9F0604-BS5)		Prepared: 2019-06-07, Analyzed: 2019-06-07		
Conductivity (EC)	1410	2.0	µS/cm	1410 100 95-104
LCS (B9F0604-BS6)		Prepared: 2019-06-07, Analyzed: 2019-06-07		
Conductivity (EC)	1390	2.0	µS/cm	1410 99 95-104
Reference (B9F0604-SRM1)		Prepared: 2019-06-07, Analyzed: 2019-06-07		
pH	7.02	0.10	pH units	7.01 100 98-102
Reference (B9F0604-SRM2)		Prepared: 2019-06-07, Analyzed: 2019-06-07		
pH	6.99	0.10	pH units	7.01 100 98-102
Reference (B9F0604-SRM3)		Prepared: 2019-06-07, Analyzed: 2019-06-07		
pH	6.99	0.10	pH units	7.01 100 98-102

Total Metals, Batch B9F0511

Blank (B9F0511-BLK1)		Prepared: 2019-06-07, Analyzed: 2019-06-07		
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	< 0.0050	0.0050	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	
Molybdenum, total	< 0.00010	0.00010	mg/L	
Nickel, total	< 0.00040	0.00040	mg/L	

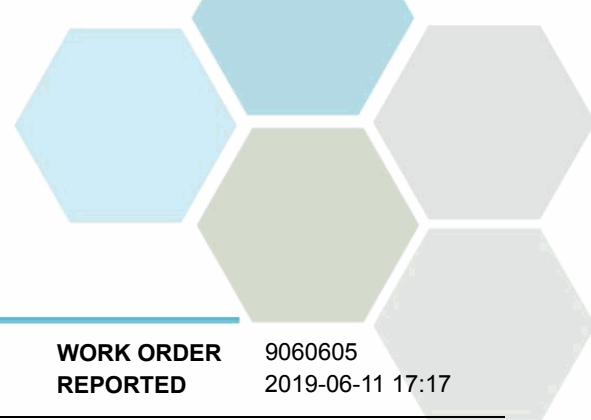


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Total Metals, Batch B9F0511, Continued									
Blank (B9F0511-BLK1), Continued					Prepared: 2019-06-07, Analyzed: 2019-06-07				
Potassium, total	< 0.10	0.10 mg/L							
Selenium, total	< 0.00050	0.00050 mg/L							
Sodium, total	< 0.10	0.10 mg/L							
Strontium, total	< 0.0010	0.0010 mg/L							
Uranium, total	< 0.000020	0.000020 mg/L							
Zinc, total	< 0.0040	0.0040 mg/L							
Blank (B9F0511-BLK2)					Prepared: 2019-06-07, Analyzed: 2019-06-07				
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	< 0.0050	0.0050 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							
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							
Uranium, total	< 0.000020	0.000020 mg/L							
Zinc, total	< 0.0040	0.0040 mg/L							
Blank (B9F0511-BLK3)					Prepared: 2019-06-07, Analyzed: 2019-06-07				
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	< 0.0050	0.0050 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							
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							
Uranium, total	< 0.000020	0.000020 mg/L							
Zinc, total	< 0.0040	0.0040 mg/L							

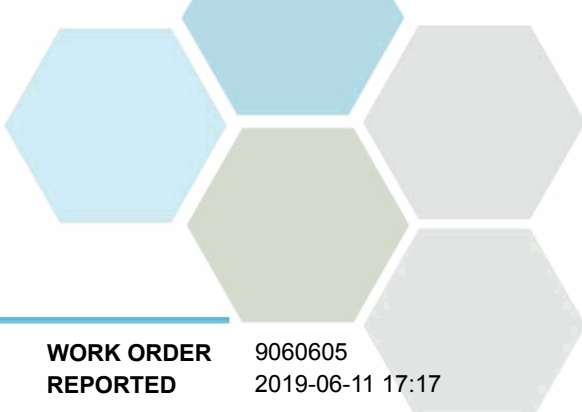


APPENDIX 2: QUALITY CONTROL RESULTS

REPORTED TO PROJECT Sechelt, District of WRC

WORK ORDER REPORTED 9060605
2019-06-11 17:17

Analyte	Result	RL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
Total Metals, Batch B9F0511, Continued									
LCS (B9F0511-BS1)					Prepared: 2019-06-07, Analyzed: 2019-06-07				
Aluminum, total	0.0218	0.0050 mg/L	0.0200		109	80-120			
Antimony, total	0.0211	0.00020 mg/L	0.0200		105	80-120			
Arsenic, total	0.0200	0.00050 mg/L	0.0200		100	80-120			
Barium, total	0.0207	0.0050 mg/L	0.0200		103	80-120			
Boron, total	0.0230	0.0050 mg/L	0.0200		115	80-120			
Cadmium, total	0.0205	0.000010 mg/L	0.0200		102	80-120			
Calcium, total	2.15	0.20 mg/L	2.00		108	80-120			
Chromium, total	0.0200	0.00050 mg/L	0.0200		100	80-120			
Cobalt, total	0.0206	0.00010 mg/L	0.0200		103	80-120			
Copper, total	0.0213	0.00040 mg/L	0.0200		107	80-120			
Iron, total	1.92	0.010 mg/L	2.00		96	80-120			
Lead, total	0.0216	0.00020 mg/L	0.0200		108	80-120			
Magnesium, total	1.95	0.010 mg/L	2.00		98	80-120			
Manganese, total	0.0209	0.00020 mg/L	0.0200		104	80-120			
Molybdenum, total	0.0197	0.00010 mg/L	0.0200		98	80-120			
Nickel, total	0.0206	0.00040 mg/L	0.0200		103	80-120			
Potassium, total	1.84	0.10 mg/L	2.00		92	80-120			
Selenium, total	0.0213	0.00050 mg/L	0.0200		107	80-120			
Sodium, total	1.91	0.10 mg/L	2.00		96	80-120			
Strontium, total	0.0204	0.0010 mg/L	0.0200		102	80-120			
Uranium, total	0.0228	0.000020 mg/L	0.0200		114	80-120			
Zinc, total	0.0225	0.0040 mg/L	0.0200		113	80-120			
Duplicate (B9F0511-DUP1)					Source: 9060605-01 Prepared: 2019-06-07, Analyzed: 2019-06-07				
Aluminum, total	< 0.0050	0.0050 mg/L		< 0.0050					20
Antimony, total	< 0.00020	0.00020 mg/L		< 0.00020					20
Arsenic, total	< 0.00050	0.00050 mg/L		< 0.00050					15
Barium, total	0.0061	0.0050 mg/L		0.0064					9
Boron, total	0.0130	0.0050 mg/L		0.0144					20
Cadmium, total	0.000020	0.000010 mg/L		0.000017					20
Calcium, total	8.49	0.20 mg/L		8.39			1		12
Chromium, total	0.00073	0.00050 mg/L		0.00059					12
Cobalt, total	0.00011	0.00010 mg/L		0.00011					13
Copper, total	0.0152	0.00040 mg/L		0.0144			5		20
Iron, total	0.370	0.010 mg/L		0.363			2		18
Lead, total	0.00063	0.00020 mg/L		0.00040					20
Magnesium, total	1.06	0.010 mg/L		1.07			< 1		10
Manganese, total	0.0125	0.00020 mg/L		0.0125			< 1		13
Molybdenum, total	0.00011	0.00010 mg/L		0.00010					20
Nickel, total	0.00169	0.00040 mg/L		0.00174					20
Potassium, total	0.54	0.10 mg/L		0.61			11		13
Selenium, total	< 0.00050	0.00050 mg/L		< 0.00050					20
Sodium, total	14.1	0.10 mg/L		13.9			1		10
Strontium, total	0.0781	0.0010 mg/L		0.0775			< 1		9
Uranium, total	< 0.000020	0.000020 mg/L		< 0.000020					14
Zinc, total	0.719	0.0040 mg/L		0.718			< 1		8
Reference (B9F0511-SRM1)					Prepared: 2019-06-07, Analyzed: 2019-06-07				
Aluminum, total	0.298	0.0050 mg/L	0.303		98	82-114			
Antimony, total	0.0525	0.00020 mg/L	0.0511		103	88-115			
Arsenic, total	0.119	0.00050 mg/L	0.118		101	88-111			
Barium, total	0.821	0.0050 mg/L	0.823		100	83-110			
Boron, total	3.47	0.0050 mg/L	3.45		101	80-118			
Cadmium, total	0.0505	0.000010 mg/L	0.0495		102	90-110			
Calcium, total	10.4	0.20 mg/L	11.6		90	85-113			
Chromium, total	0.250	0.00050 mg/L	0.250		100	88-111			



APPENDIX 2: QUALITY CONTROL RESULTS

REPORTED TO PROJECT Sechelt, District of WRC

WORK ORDER REPORTED 9060605
2019-06-11 17:17

Analyte	Result	RL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
Total Metals, Batch B9F0511, Continued									
Reference (B9F0511-SRM1), Continued					Prepared: 2019-06-07, Analyzed: 2019-06-07				
Cobalt, total	0.0398	0.00010 mg/L	0.0377		105	90-114			
Copper, total	0.517	0.00040 mg/L	0.486		106	90-117			
Iron, total	0.480	0.010 mg/L	0.488		98	90-116			
Lead, total	0.213	0.00020 mg/L	0.204		105	90-110			
Magnesium, total	3.69	0.010 mg/L	3.79		97	88-116			
Manganese, total	0.109	0.00020 mg/L	0.109		100	88-108			
Molybdenum, total	0.200	0.00010 mg/L	0.198		101	88-110			
Nickel, total	0.254	0.00040 mg/L	0.249		102	90-112			
Potassium, total	7.08	0.10 mg/L	7.21		98	87-116			
Selenium, total	0.124	0.00050 mg/L	0.121		102	90-122			
Sodium, total	7.39	0.10 mg/L	7.54		98	86-118			
Strontium, total	0.383	0.0010 mg/L	0.375		102	86-110			
Uranium, total	0.0317	0.000020 mg/L	0.0306		104	88-112			
Zinc, total	2.50	0.0040 mg/L	2.49		100	90-113			

Total Metals, Batch B9F0550

Blank (B9F0550-BLK1)					Prepared: 2019-06-07, Analyzed: 2019-06-07				
Mercury, total	< 0.000010	0.000010 mg/L							
Blank (B9F0550-BLK2)					Prepared: 2019-06-07, Analyzed: 2019-06-07				
Mercury, total	< 0.000010	0.000010 mg/L							
Reference (B9F0550-SRM1)					Prepared: 2019-06-07, Analyzed: 2019-06-07				
Mercury, total	0.00434	0.000010 mg/L	0.00489		89	80-120			
Reference (B9F0550-SRM2)					Prepared: 2019-06-07, Analyzed: 2019-06-07				
Mercury, total	0.00423	0.000010 mg/L	0.00489		86	80-120			