



CERTIFICATE OF ANALYSIS

REPORTED TO Parksville, City of
P O Box 1390, 100 Jensen Avenue East
Parksville, BC V9P 2H3

ATTENTION Barbara Silenieks

PO NUMBER PO 003109

PROJECT Drinking Water Pkg

PROJECT INFO

WORK ORDER 8081843

RECEIVED / TEMP 2018-08-20 08:31 / 12°C

REPORTED 2018-08-28 13:10

COC NUMBER B72339

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.

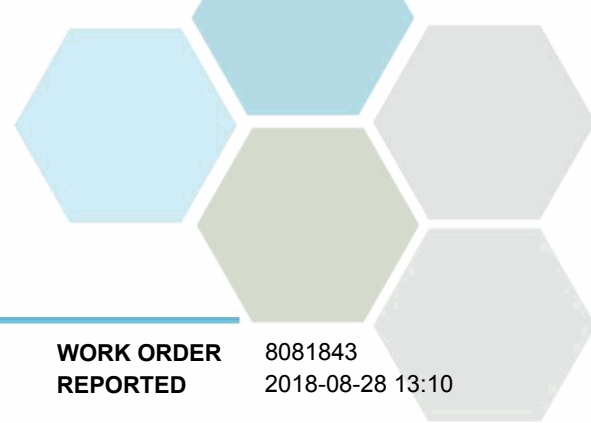
If you have any questions or concerns, please contact me at hmaleki@caro.ca

Authorized By:

Helen Maleki, Dipl T
Client Service Representative

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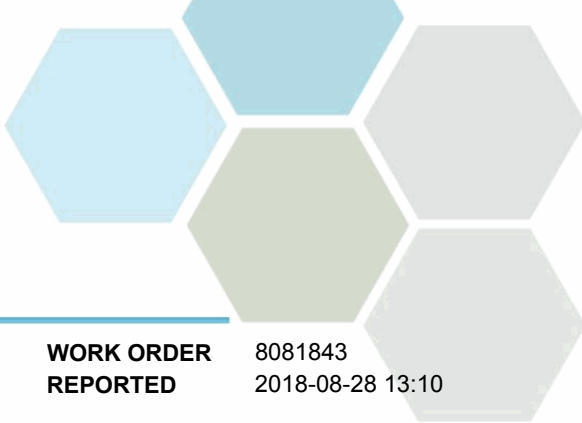


TEST RESULTS

REPORTED TO PROJECT Parksville, City of
Drinking Water Pkg

WORK ORDER REPORTED 8081843
2018-08-28 13:10

Analyte	Result	Guideline	RL Units	Analyzed	Qualifier
River (8081843-01) Matrix: Water Sampled: 2018-08-20 09:15					
Anions					
Chloride	13.1	AO ≤ 250	0.10 mg/L	2018-08-23	
Fluoride	< 0.10	MAC = 1.5	0.10 mg/L	2018-08-23	
Nitrate (as N)	< 0.010	MAC = 10	0.010 mg/L	2018-08-23	
Nitrite (as N)	< 0.010	MAC = 1	0.010 mg/L	2018-08-23	
Sulfate	1.4	AO ≤ 500	1.0 mg/L	2018-08-23	
General Parameters					
Alkalinity, Total (as CaCO ₃)	26.6	N/A	1.0 mg/L	2018-08-22	
Alkalinity, Phenolphthalein (as CaCO ₃)	< 1.0	N/A	1.0 mg/L	2018-08-22	
Alkalinity, Bicarbonate (as CaCO ₃)	26.6	N/A	1.0 mg/L	2018-08-22	
Alkalinity, Carbonate (as CaCO ₃)	< 1.0	N/A	1.0 mg/L	2018-08-22	
Alkalinity, Hydroxide (as CaCO ₃)	< 1.0	N/A	1.0 mg/L	2018-08-22	
Colour, True	< 5.0	AO ≤ 15	5.0 CU	2018-08-22	
Conductivity (EC)	96.7	N/A	2.0 µS/cm	2018-08-22	
Cyanide, Total	< 0.0020	MAC = 0.2	0.0020 mg/L	2018-08-23	
pH	7.31	7.0-10.5	0.10 pH units	2018-08-22	HT2
Temperature, at pH	22.4	N/A	°C	2018-08-22	HT2
Turbidity	0.36	OG < 1	0.10 NTU	2018-08-22	
Calculated Parameters					
Hardness, Total (as CaCO ₃)	28.7	None Required	0.500 mg/L	N/A	
Langelier Index	-1.7	N/A	-5.0 -	2018-08-27	
Solids, Total Dissolved	46.9	AO ≤ 500	1.00 mg/L	N/A	
Total Metals					
Aluminum, total	0.0180	OG < 0.1	0.0050 mg/L	2018-08-25	
Antimony, total	< 0.00020	MAC = 0.006	0.00020 mg/L	2018-08-25	
Arsenic, total	< 0.00050	MAC = 0.01	0.00050 mg/L	2018-08-25	
Barium, total	0.0067	MAC = 1	0.0050 mg/L	2018-08-25	
Boron, total	0.0225	MAC = 5	0.0050 mg/L	2018-08-25	
Cadmium, total	< 0.000010	MAC = 0.005	0.000010 mg/L	2018-08-25	
Calcium, total	9.29	None Required	0.20 mg/L	2018-08-25	
Chromium, total	< 0.00050	MAC = 0.05	0.00050 mg/L	2018-08-25	
Cobalt, total	< 0.00010	N/A	0.00010 mg/L	2018-08-25	
Copper, total	0.00099	AO ≤ 1	0.00040 mg/L	2018-08-25	
Iron, total	0.065	AO ≤ 0.3	0.010 mg/L	2018-08-25	
Lead, total	< 0.00020	MAC = 0.01	0.00020 mg/L	2018-08-25	
Magnesium, total	1.32	None Required	0.010 mg/L	2018-08-25	
Manganese, total	0.00578	AO ≤ 0.05	0.00020 mg/L	2018-08-25	
Mercury, total	< 0.000010	MAC = 0.001	0.000010 mg/L	2018-08-23	
Molybdenum, total	< 0.00010	N/A	0.00010 mg/L	2018-08-25	
Nickel, total	< 0.00040	N/A	0.00040 mg/L	2018-08-25	
Potassium, total	0.16	N/A	0.10 mg/L	2018-08-25	



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Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier
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River (8081843-01) | Matrix: Water | Sampled: 2018-08-20 09:15, Continued

Total Metals, Continued

Selenium, total	< 0.00050	MAC = 0.05	0.00050	mg/L	2018-08-25	
Sodium, total	5.36	AO ≤ 200	0.10	mg/L	2018-08-25	
Strontium, total	0.0459	N/A	0.0010	mg/L	2018-08-25	
Uranium, total	< 0.000020	MAC = 0.02	0.000020	mg/L	2018-08-25	
Zinc, total	< 0.0040	AO ≤ 5	0.0040	mg/L	2018-08-25	

Microbiological Parameters

Coliforms, Total	3900	MAC = 0	1	CFU/100 mL	2018-08-21	
E. coli	20	MAC = 0	1	CFU/100 mL	2018-08-21	

Springwood Well #5 (8081843-02) | Matrix: Water | Sampled: 2018-08-20 09:55

Anions

Chloride	18.9	AO ≤ 250	0.10	mg/L	2018-08-23	
Fluoride	< 0.10	MAC = 1.5	0.10	mg/L	2018-08-23	
Nitrate (as N)	1.82	MAC = 10	0.010	mg/L	2018-08-23	
Nitrite (as N)	< 0.010	MAC = 1	0.010	mg/L	2018-08-23	
Sulfate	7.8	AO ≤ 500	1.0	mg/L	2018-08-23	

General Parameters

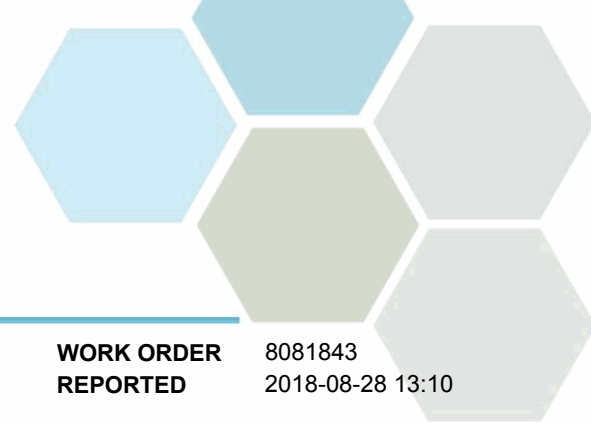
Alkalinity, Total (as CaCO3)	204	N/A	1.0	mg/L	2018-08-22	
Alkalinity, Phenolphthalein (as CaCO3)	< 1.0	N/A	1.0	mg/L	2018-08-22	
Alkalinity, Bicarbonate (as CaCO3)	204	N/A	1.0	mg/L	2018-08-22	
Alkalinity, Carbonate (as CaCO3)	< 1.0	N/A	1.0	mg/L	2018-08-22	
Alkalinity, Hydroxide (as CaCO3)	< 1.0	N/A	1.0	mg/L	2018-08-22	
Colour, True	< 5.0	AO ≤ 15	5.0	CU	2018-08-22	
Conductivity (EC)	443	N/A	2.0	µS/cm	2018-08-22	
Cyanide, Total	< 0.0020	MAC = 0.2	0.0020	mg/L	2018-08-23	
pH	7.62	7.0-10.5	0.10	pH units	2018-08-22	HT2
Temperature, at pH	22.5	N/A		°C	2018-08-22	HT2
Turbidity	0.69	OG < 1	0.10	NTU	2018-08-22	

Calculated Parameters

Hardness, Total (as CaCO3)	179	None Required	0.500	mg/L	N/A	
Langelier Index	0.08	N/A	-5.0	-	2018-08-27	
Solids, Total Dissolved	236	AO ≤ 500	1.00	mg/L	N/A	

Total Metals

Aluminum, total	< 0.0050	OG < 0.1	0.0050	mg/L	2018-08-25	
Antimony, total	< 0.00020	MAC = 0.006	0.00020	mg/L	2018-08-25	
Arsenic, total	< 0.00050	MAC = 0.01	0.00050	mg/L	2018-08-25	
Barium, total	0.0107	MAC = 1	0.0050	mg/L	2018-08-25	
Boron, total	0.0196	MAC = 5	0.0050	mg/L	2018-08-25	



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Springwood Well #5 (8081843-02) | Matrix: Water | Sampled: 2018-08-20 09:55, Continued

Total Metals, Continued

Cadmium, total	< 0.000010	MAC = 0.005	0.000010	mg/L	2018-08-25	
Calcium, total	38.4	None Required	0.20	mg/L	2018-08-25	
Chromium, total	0.00059	MAC = 0.05	0.00050	mg/L	2018-08-25	
Cobalt, total	< 0.00010	N/A	0.00010	mg/L	2018-08-25	
Copper, total	0.00335	AO ≤ 1	0.00040	mg/L	2018-08-25	
Iron, total	0.073	AO ≤ 0.3	0.010	mg/L	2018-08-25	
Lead, total	0.00050	MAC = 0.01	0.00020	mg/L	2018-08-25	
Magnesium, total	20.1	None Required	0.010	mg/L	2018-08-25	
Manganese, total	0.0381	AO ≤ 0.05	0.00020	mg/L	2018-08-25	
Mercury, total	< 0.000010	MAC = 0.001	0.000010	mg/L	2018-08-23	
Molybdenum, total	< 0.00010	N/A	0.00010	mg/L	2018-08-25	
Nickel, total	0.00043	N/A	0.00040	mg/L	2018-08-25	
Potassium, total	0.97	N/A	0.10	mg/L	2018-08-25	
Selenium, total	< 0.00050	MAC = 0.05	0.00050	mg/L	2018-08-25	
Sodium, total	17.8	AO ≤ 200	0.10	mg/L	2018-08-25	
Strontium, total	0.144	N/A	0.0010	mg/L	2018-08-25	
Uranium, total	0.000295	MAC = 0.02	0.000020	mg/L	2018-08-25	
Zinc, total	0.0062	AO ≤ 5	0.0040	mg/L	2018-08-25	

Microbiological Parameters

Coliforms, Total	<1	MAC = 0	1	CFU/100 mL	2018-08-21	
E. coli	<1	MAC = 0	1	CFU/100 mL	2018-08-21	

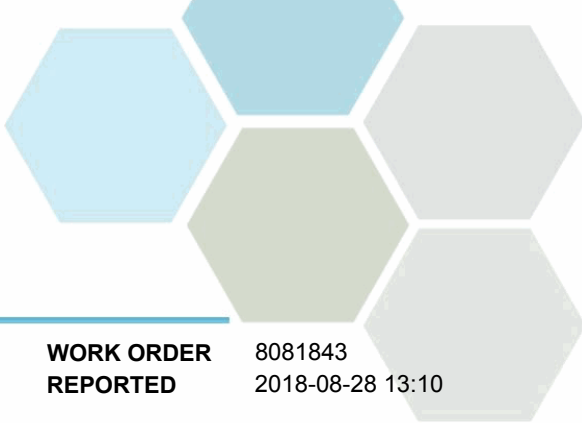
Springwood Well #10 (8081843-03) | Matrix: Water | Sampled: 2018-08-20 10:05

Anions

Chloride	17.1	AO ≤ 250	0.10	mg/L	2018-08-23	
Fluoride	< 0.10	MAC = 1.5	0.10	mg/L	2018-08-23	
Nitrate (as N)	1.12	MAC = 10	0.010	mg/L	2018-08-23	
Nitrite (as N)	< 0.010	MAC = 1	0.010	mg/L	2018-08-23	
Sulfate	10.6	AO ≤ 500	1.0	mg/L	2018-08-23	

General Parameters

Alkalinity, Total (as CaCO ₃)	109	N/A	1.0	mg/L	2018-08-22	
Alkalinity, Phenolphthalein (as CaCO ₃)	< 1.0	N/A	1.0	mg/L	2018-08-22	
Alkalinity, Bicarbonate (as CaCO ₃)	109	N/A	1.0	mg/L	2018-08-22	
Alkalinity, Carbonate (as CaCO ₃)	< 1.0	N/A	1.0	mg/L	2018-08-22	
Alkalinity, Hydroxide (as CaCO ₃)	< 1.0	N/A	1.0	mg/L	2018-08-22	
Colour, True	< 5.0	AO ≤ 15	5.0	CU	2018-08-22	
Conductivity (EC)	279	N/A	2.0	µS/cm	2018-08-22	
Cyanide, Total	< 0.0020	MAC = 0.2	0.0020	mg/L	2018-08-23	
pH	7.50	7.0-10.5	0.10	pH units	2018-08-22	HT2
Temperature, at pH	22.4	N/A		°C	2018-08-22	HT2



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Springwood Well #10 (8081843-03) | Matrix: Water | Sampled: 2018-08-20 10:05, Continued

General Parameters, Continued

Turbidity	< 0.10	OG < 1	0.10	NTU	2018-08-22	
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Calculated Parameters

Hardness, Total (as CaCO3)	119	None Required	0.500	mg/L	N/A	
Langelier Index	-0.5	N/A	-5.0	-	2018-08-27	
Solids, Total Dissolved	145	AO ≤ 500	1.00	mg/L	N/A	

Total Metals

Aluminum, total	< 0.0050	OG < 0.1	0.0050	mg/L	2018-08-25	
Antimony, total	< 0.00020	MAC = 0.006	0.00020	mg/L	2018-08-25	
Arsenic, total	< 0.00050	MAC = 0.01	0.00050	mg/L	2018-08-25	
Barium, total	0.0084	MAC = 1	0.0050	mg/L	2018-08-25	
Boron, total	0.0144	MAC = 5	0.0050	mg/L	2018-08-25	
Cadmium, total	< 0.000010	MAC = 0.005	0.000010	mg/L	2018-08-25	
Calcium, total	25.5	None Required	0.20	mg/L	2018-08-25	
Chromium, total	0.00077	MAC = 0.05	0.00050	mg/L	2018-08-25	
Cobalt, total	< 0.00010	N/A	0.00010	mg/L	2018-08-25	
Copper, total	0.00215	AO ≤ 1	0.00040	mg/L	2018-08-25	
Iron, total	< 0.010	AO ≤ 0.3	0.010	mg/L	2018-08-25	
Lead, total	0.00028	MAC = 0.01	0.00020	mg/L	2018-08-25	
Magnesium, total	13.4	None Required	0.010	mg/L	2018-08-25	
Manganese, total	0.0195	AO ≤ 0.05	0.00020	mg/L	2018-08-25	
Mercury, total	< 0.000010	MAC = 0.001	0.000010	mg/L	2018-08-23	
Molybdenum, total	0.00017	N/A	0.00010	mg/L	2018-08-25	
Nickel, total	0.00082	N/A	0.00040	mg/L	2018-08-25	
Potassium, total	0.53	N/A	0.10	mg/L	2018-08-25	
Selenium, total	< 0.00050	MAC = 0.05	0.00050	mg/L	2018-08-25	
Sodium, total	6.81	AO ≤ 200	0.10	mg/L	2018-08-25	
Strontium, total	0.0977	N/A	0.0010	mg/L	2018-08-25	
Uranium, total	0.000079	MAC = 0.02	0.000020	mg/L	2018-08-25	
Zinc, total	0.0065	AO ≤ 5	0.0040	mg/L	2018-08-25	

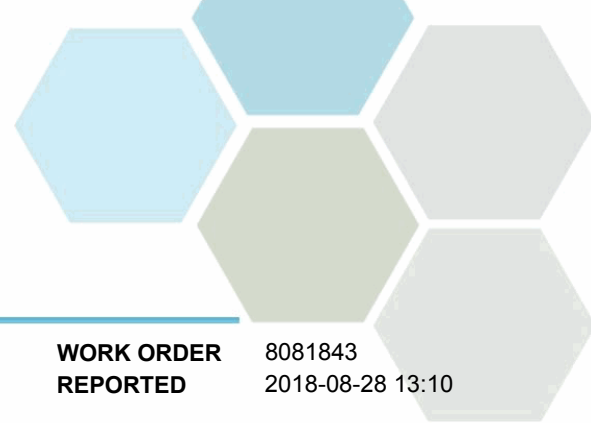
Microbiological Parameters

Coliforms, Total	<1	MAC = 0	1	CFU/100 mL	2018-08-21	
E. coli	<1	MAC = 0	1	CFU/100 mL	2018-08-21	

Railway Well #2 (8081843-04) | Matrix: Water | Sampled: 2018-08-20 10:35

Anions

Chloride	48.6	AO ≤ 250	0.10	mg/L	2018-08-23	
Fluoride	< 0.10	MAC = 1.5	0.10	mg/L	2018-08-23	
Nitrate (as N)	1.38	MAC = 10	0.010	mg/L	2018-08-23	
Nitrite (as N)	< 0.010	MAC = 1	0.010	mg/L	2018-08-23	

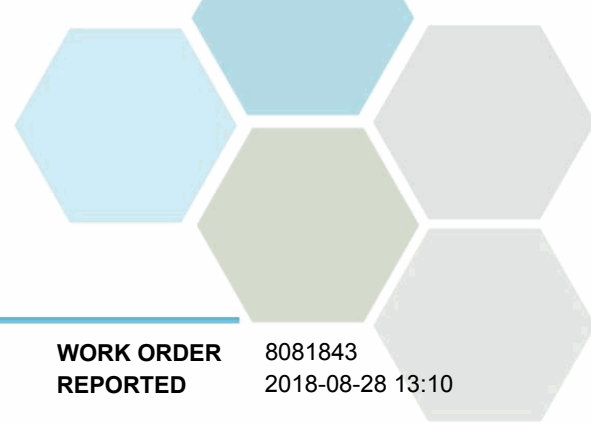


TEST RESULTS

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Analyte	Result	Guideline	RL Units	Analyzed	Qualifier
Railway Well #2 (8081843-04) Matrix: Water Sampled: 2018-08-20 10:35, Continued					
<i>Anions, Continued</i>					
Sulfate	6.3	AO ≤ 500	1.0 mg/L	2018-08-23	
<i>General Parameters</i>					
Alkalinity, Total (as CaCO ₃)	142	N/A	1.0 mg/L	2018-08-22	
Alkalinity, Phenolphthalein (as CaCO ₃)	< 1.0	N/A	1.0 mg/L	2018-08-22	
Alkalinity, Bicarbonate (as CaCO ₃)	142	N/A	1.0 mg/L	2018-08-22	
Alkalinity, Carbonate (as CaCO ₃)	< 1.0	N/A	1.0 mg/L	2018-08-22	
Alkalinity, Hydroxide (as CaCO ₃)	< 1.0	N/A	1.0 mg/L	2018-08-22	
Colour, True	< 5.0	AO ≤ 15	5.0 CU	2018-08-22	
Conductivity (EC)	438	N/A	2.0 µS/cm	2018-08-22	
Cyanide, Total	< 0.0020	MAC = 0.2	0.0020 mg/L	2018-08-23	
pH	7.67	7.0-10.5	0.10 pH units	2018-08-22	HT2
Temperature, at pH	22.5	N/A	°C	2018-08-22	HT2
Turbidity	0.25	OG < 1	0.10 NTU	2018-08-22	
<i>Calculated Parameters</i>					
Hardness, Total (as CaCO ₃)	183	None Required	0.500 mg/L	N/A	
Langelier Index	-0.03	N/A	-5.0 -	2018-08-27	
Solids, Total Dissolved	219	AO ≤ 500	1.00 mg/L	N/A	
<i>Total Metals</i>					
Aluminum, total	< 0.0050	OG < 0.1	0.0050 mg/L	2018-08-25	
Antimony, total	< 0.00020	MAC = 0.006	0.00020 mg/L	2018-08-25	
Arsenic, total	< 0.00050	MAC = 0.01	0.00050 mg/L	2018-08-25	
Barium, total	0.0191	MAC = 1	0.0050 mg/L	2018-08-25	
Boron, total	0.0205	MAC = 5	0.0050 mg/L	2018-08-25	
Cadmium, total	0.000010	MAC = 0.005	0.000010 mg/L	2018-08-25	
Calcium, total	38.3	None Required	0.20 mg/L	2018-08-25	
Chromium, total	0.00107	MAC = 0.05	0.00050 mg/L	2018-08-25	
Cobalt, total	< 0.00010	N/A	0.00010 mg/L	2018-08-25	
Copper, total	0.00505	AO ≤ 1	0.00040 mg/L	2018-08-25	
Iron, total	0.273	AO ≤ 0.3	0.010 mg/L	2018-08-25	
Lead, total	0.00080	MAC = 0.01	0.00020 mg/L	2018-08-25	
Magnesium, total	21.2	None Required	0.010 mg/L	2018-08-25	
Manganese, total	0.0466	AO ≤ 0.05	0.00020 mg/L	2018-08-25	
Mercury, total	< 0.000010	MAC = 0.001	0.000010 mg/L	2018-08-23	
Molybdenum, total	< 0.00010	N/A	0.00010 mg/L	2018-08-25	
Nickel, total	0.00040	N/A	0.00040 mg/L	2018-08-25	
Potassium, total	0.81	N/A	0.10 mg/L	2018-08-25	
Selenium, total	< 0.00050	MAC = 0.05	0.00050 mg/L	2018-08-25	
Sodium, total	11.2	AO ≤ 200	0.10 mg/L	2018-08-25	
Strontium, total	0.136	N/A	0.0010 mg/L	2018-08-25	
Uranium, total	0.000368	MAC = 0.02	0.000020 mg/L	2018-08-25	



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Railway Well #2 (8081843-04) | Matrix: Water | Sampled: 2018-08-20 10:35, Continued

Total Metals, Continued

Zinc, total	0.0076	AO ≤ 5	0.0040 mg/L	2018-08-25	
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Microbiological Parameters

Coliforms, Total	<1	MAC = 0	1 CFU/100 mL	2018-08-21	
E. coli	<1	MAC = 0	1 CFU/100 mL	2018-08-21	

Railway Well #5 (8081843-05) | Matrix: Water | Sampled: 2018-08-20 10:20

Anions

Chloride	32.5	AO ≤ 250	0.10 mg/L	2018-08-23	
Fluoride	< 0.10	MAC = 1.5	0.10 mg/L	2018-08-23	
Nitrate (as N)	2.19	MAC = 10	0.010 mg/L	2018-08-23	
Nitrite (as N)	< 0.010	MAC = 1	0.010 mg/L	2018-08-23	
Sulfate	7.8	AO ≤ 500	1.0 mg/L	2018-08-23	

General Parameters

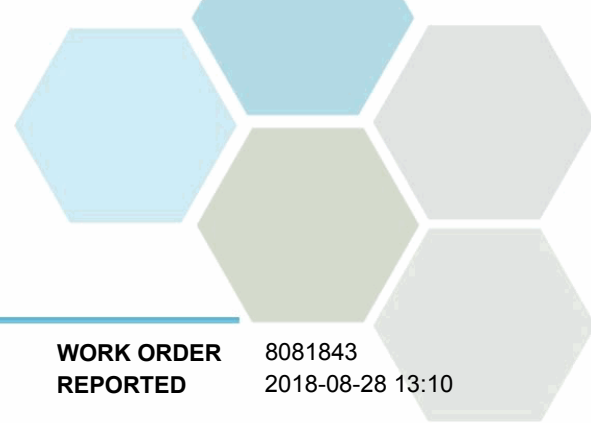
Alkalinity, Total (as CaCO ₃)	127	N/A	1.0 mg/L	2018-08-22	
Alkalinity, Phenolphthalein (as CaCO ₃)	< 1.0	N/A	1.0 mg/L	2018-08-22	
Alkalinity, Bicarbonate (as CaCO ₃)	127	N/A	1.0 mg/L	2018-08-22	
Alkalinity, Carbonate (as CaCO ₃)	< 1.0	N/A	1.0 mg/L	2018-08-22	
Alkalinity, Hydroxide (as CaCO ₃)	< 1.0	N/A	1.0 mg/L	2018-08-22	
Colour, True	< 5.0	AO ≤ 15	5.0 CU	2018-08-22	
Conductivity (EC)	368	N/A	2.0 µS/cm	2018-08-22	
Cyanide, Total	< 0.0020	MAC = 0.2	0.0020 mg/L	2018-08-23	
pH	7.68	7.0-10.5	0.10 pH units	2018-08-22	HT2
Temperature, at pH	23.0	N/A	°C	2018-08-22	HT2
Turbidity	0.20	OG < 1	0.10 NTU	2018-08-22	

Calculated Parameters

Hardness, Total (as CaCO ₃)	150	None Required	0.500 mg/L	N/A	
Langelier Index	-0.1	N/A	-5.0 -	2018-08-27	
Solids, Total Dissolved	190	AO ≤ 500	1.00 mg/L	N/A	

Total Metals

Aluminum, total	< 0.0050	OG < 0.1	0.0050 mg/L	2018-08-25	
Antimony, total	< 0.00020	MAC = 0.006	0.00020 mg/L	2018-08-25	
Arsenic, total	< 0.00050	MAC = 0.01	0.00050 mg/L	2018-08-25	
Barium, total	0.0200	MAC = 1	0.0050 mg/L	2018-08-25	
Boron, total	0.0253	MAC = 5	0.0050 mg/L	2018-08-25	
Cadmium, total	< 0.000010	MAC = 0.005	0.000010 mg/L	2018-08-25	
Calcium, total	32.1	None Required	0.20 mg/L	2018-08-25	
Chromium, total	0.00076	MAC = 0.05	0.00050 mg/L	2018-08-25	
Cobalt, total	< 0.00010	N/A	0.00010 mg/L	2018-08-25	

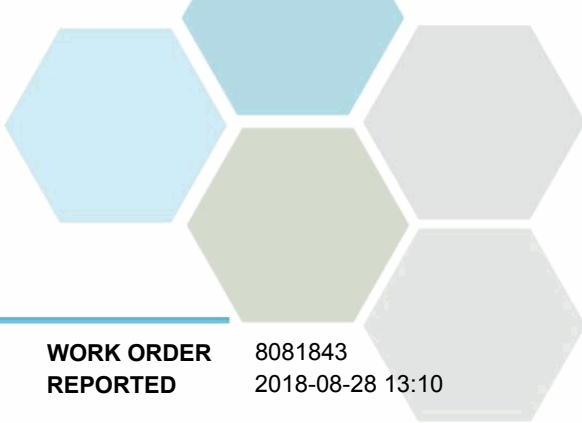


TEST RESULTS

REPORTED TO PROJECT Parksville, City of
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Analyte	Result	Guideline	RL Units	Analyzed	Qualifier
Railway Well #5 (8081843-05) Matrix: Water Sampled: 2018-08-20 10:20, Continued					
<i>Total Metals, Continued</i>					
Copper, total	0.00655	AO ≤ 1	0.00040 mg/L	2018-08-25	
Iron, total	0.028	AO ≤ 0.3	0.010 mg/L	2018-08-25	
Lead, total	< 0.00020	MAC = 0.01	0.00020 mg/L	2018-08-25	
Magnesium, total	16.9	None Required	0.010 mg/L	2018-08-25	
Manganese, total	0.0149	AO ≤ 0.05	0.00020 mg/L	2018-08-25	
Mercury, total	< 0.000010	MAC = 0.001	0.000010 mg/L	2018-08-23	
Molybdenum, total	0.00016	N/A	0.00010 mg/L	2018-08-25	
Nickel, total	0.00053	N/A	0.00040 mg/L	2018-08-25	
Potassium, total	0.84	N/A	0.10 mg/L	2018-08-25	
Selenium, total	< 0.00050	MAC = 0.05	0.00050 mg/L	2018-08-25	
Sodium, total	12.7	AO ≤ 200	0.10 mg/L	2018-08-25	
Strontium, total	0.108	N/A	0.0010 mg/L	2018-08-25	
Uranium, total	0.000333	MAC = 0.02	0.000020 mg/L	2018-08-25	
Zinc, total	0.0043	AO ≤ 5	0.0040 mg/L	2018-08-25	
<i>Microbiological Parameters</i>					
Coliforms, Total	<1	MAC = 0	1 CFU/100 mL	2018-08-21	
E. coli	<1	MAC = 0	1 CFU/100 mL	2018-08-21	
Memorial (8081843-06) Matrix: Water Sampled: 2018-08-20 09:35					
<i>Anions</i>					
Chloride	13.8	AO ≤ 250	0.10 mg/L	2018-08-23	
Fluoride	< 0.10	MAC = 1.5	0.10 mg/L	2018-08-23	
Nitrate (as N)	0.023	MAC = 10	0.010 mg/L	2018-08-23	
Nitrite (as N)	< 0.010	MAC = 1	0.010 mg/L	2018-08-23	
Sulfate	1.4	AO ≤ 500	1.0 mg/L	2018-08-23	
<i>General Parameters</i>					
Alkalinity, Total (as CaCO ₃)	25.7	N/A	1.0 mg/L	2018-08-22	
Alkalinity, Phenolphthalein (as CaCO ₃)	< 1.0	N/A	1.0 mg/L	2018-08-22	
Alkalinity, Bicarbonate (as CaCO ₃)	25.7	N/A	1.0 mg/L	2018-08-22	
Alkalinity, Carbonate (as CaCO ₃)	< 1.0	N/A	1.0 mg/L	2018-08-22	
Alkalinity, Hydroxide (as CaCO ₃)	< 1.0	N/A	1.0 mg/L	2018-08-22	
Colour, True	< 5.0	AO ≤ 15	5.0 CU	2018-08-22	
Conductivity (EC)	99.6	N/A	2.0 µS/cm	2018-08-22	
Cyanide, Total	< 0.0020	MAC = 0.2	0.0020 mg/L	2018-08-23	
pH	7.25	7.0-10.5	0.10 pH units	2018-08-22	HT2
Temperature, at pH	22.9	N/A	°C	2018-08-22	HT2
Turbidity	0.23	OG < 1	0.10 NTU	2018-08-22	
<i>Calculated Parameters</i>					
Hardness, Total (as CaCO ₃)	30.3	None Required	0.500 mg/L	N/A	



TEST RESULTS

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Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier
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Memorial (8081843-06) | Matrix: Water | Sampled: 2018-08-20 09:35, Continued

Calculated Parameters, Continued

Langelier Index	-1.8	N/A	-5.0	-	2018-08-27	
Solids, Total Dissolved	47.9	AO ≤ 500	1.00	mg/L	N/A	

Total Metals

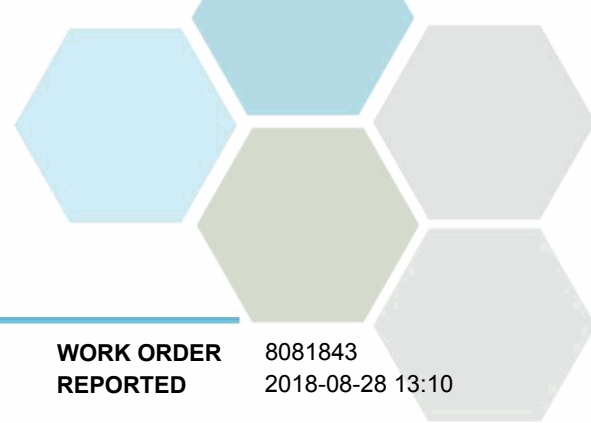
Aluminum, total	0.0100	OG < 0.1	0.0050	mg/L	2018-08-25	
Antimony, total	< 0.00020	MAC = 0.006	0.00020	mg/L	2018-08-25	
Arsenic, total	< 0.00050	MAC = 0.01	0.00050	mg/L	2018-08-25	
Barium, total	0.0070	MAC = 1	0.0050	mg/L	2018-08-25	
Boron, total	0.0186	MAC = 5	0.0050	mg/L	2018-08-25	
Cadmium, total	0.000012	MAC = 0.005	0.000010	mg/L	2018-08-25	
Calcium, total	9.81	None Required	0.20	mg/L	2018-08-25	
Chromium, total	< 0.00050	MAC = 0.05	0.00050	mg/L	2018-08-25	
Cobalt, total	< 0.00010	N/A	0.00010	mg/L	2018-08-25	
Copper, total	0.0646	AO ≤ 1	0.00040	mg/L	2018-08-25	
Iron, total	0.041	AO ≤ 0.3	0.010	mg/L	2018-08-25	
Lead, total	0.00077	MAC = 0.01	0.00020	mg/L	2018-08-25	
Magnesium, total	1.40	None Required	0.010	mg/L	2018-08-25	
Manganese, total	0.00107	AO ≤ 0.05	0.00020	mg/L	2018-08-25	
Mercury, total	< 0.000010	MAC = 0.001	0.000010	mg/L	2018-08-23	
Molybdenum, total	0.00012	N/A	0.00010	mg/L	2018-08-25	
Nickel, total	0.00041	N/A	0.00040	mg/L	2018-08-25	
Potassium, total	0.15	N/A	0.10	mg/L	2018-08-25	
Selenium, total	< 0.00050	MAC = 0.05	0.00050	mg/L	2018-08-25	
Sodium, total	5.51	AO ≤ 200	0.10	mg/L	2018-08-25	
Strontium, total	0.0480	N/A	0.0010	mg/L	2018-08-25	
Uranium, total	< 0.000020	MAC = 0.02	0.000020	mg/L	2018-08-25	
Zinc, total	0.0114	AO ≤ 5	0.0040	mg/L	2018-08-25	

Microbiological Parameters

Coliforms, Total	<1	MAC = 0	1	CFU/100 mL	2018-08-21	
E. coli	<1	MAC = 0	1	CFU/100 mL	2018-08-21	

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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Analysis Description	Method Ref.	Technique	Location
Alkalinity in Water	SM 2320 B* (2011)	Titration with H2SO4	Kelowna
Anions in Water	SM 4110 B (2011)	Ion Chromatography	Kelowna
Coliforms, Total in Water	SM 9222 (2006)	Membrane Filtration	Sublet
Colour, True in Water	SM 2120 C (2011)	Spectrophotometry (456 nm)	Kelowna
Conductivity in Water	SM 2510 B (2011)	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 (2004)	Enzyme Substrate Endo Agar	Sublet
Hardness in Water	SM 2340 B* (2011)	Calculation: 2.497 [total Ca] + 4.118 [total Mg] (Est)	N/A
Langelier Index in Water	SM 2330 B (2010)	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 (2011)	Electrometry	Kelowna
Solids, Total Dissolved in Water	SM 1030 E (2011)	Calculation: $100 \times \frac{[\text{Cations}] - [\text{Anions}]}{[\text{Cations}] + [\text{Anions}]}$	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 (2011)	Nephelometry	Kelowna

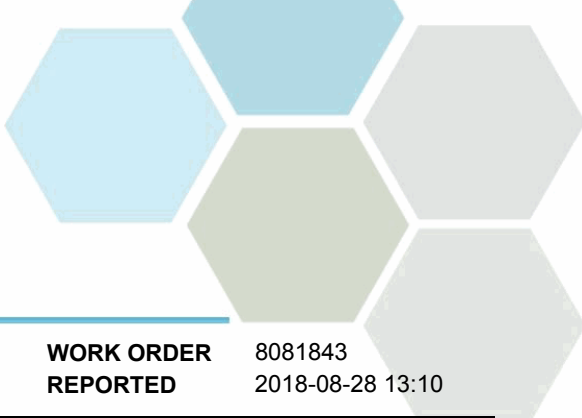
Note: An asterisk in the Method Reference indicates that the CARO method has been modified from the reference method

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
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
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

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.



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 B8H1729

Blank (B8H1729-BLK1)			Prepared: 2018-08-22, Analyzed: 2018-08-22						
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							

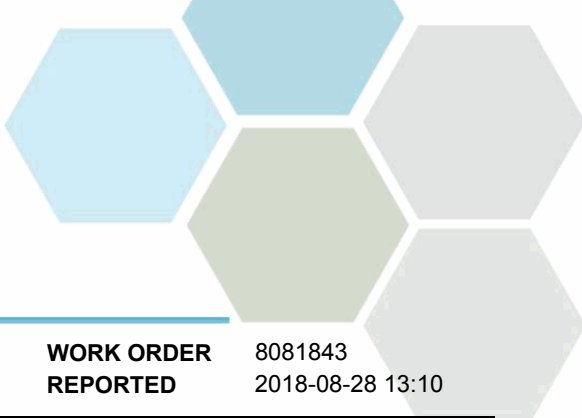
Blank (B8H1729-BLK2)			Prepared: 2018-08-23, Analyzed: 2018-08-23						
Chloride	< 0.10	0.10 mg/L							
Fluoride	< 0.10	0.10 mg/L							
Nitrate (as N)	< 0.010	0.010 mg/L							
Nitrite (as N)	< 0.010	0.010 mg/L							
Sulfate	< 1.0	1.0 mg/L							

LCS (B8H1729-BS1)			Prepared: 2018-08-22, Analyzed: 2018-08-22						
Chloride	15.7	0.10 mg/L	16.0		98	90-110			
Fluoride	3.79	0.10 mg/L	4.00		95	88-108			
Nitrate (as N)	4.00	0.010 mg/L	4.00		100	93-108			
Nitrite (as N)	2.09	0.010 mg/L	2.00		105	85-114			
Sulfate	16.0	1.0 mg/L	16.0		100	91-109			

LCS (B8H1729-BS2)			Prepared: 2018-08-23, Analyzed: 2018-08-23						
Chloride	16.2	0.10 mg/L	16.0		102	90-110			
Fluoride	3.69	0.10 mg/L	4.00		92	88-108			
Nitrate (as N)	4.07	0.010 mg/L	4.00		102	93-108			
Nitrite (as N)	2.08	0.010 mg/L	2.00		104	85-114			
Sulfate	16.0	1.0 mg/L	16.0		100	91-109			

General Parameters, Batch B8H1738

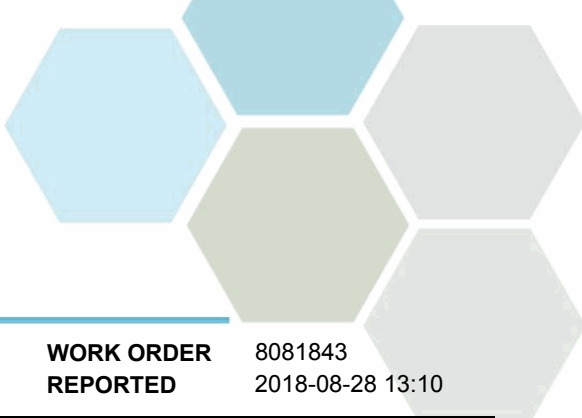
Blank (B8H1738-BLK1)			Prepared: 2018-08-22, Analyzed: 2018-08-22						
Alkalinity, Total (as CaCO3)	< 1.0	1.0 mg/L							
Alkalinity, Phenolphthalein (as CaCO3)	< 1.0	1.0 mg/L							
Alkalinity, Bicarbonate (as CaCO3)	< 1.0	1.0 mg/L							
Alkalinity, Carbonate (as CaCO3)	< 1.0	1.0 mg/L							
Alkalinity, Hydroxide (as CaCO3)	< 1.0	1.0 mg/L							



APPENDIX 2: QUALITY CONTROL RESULTS

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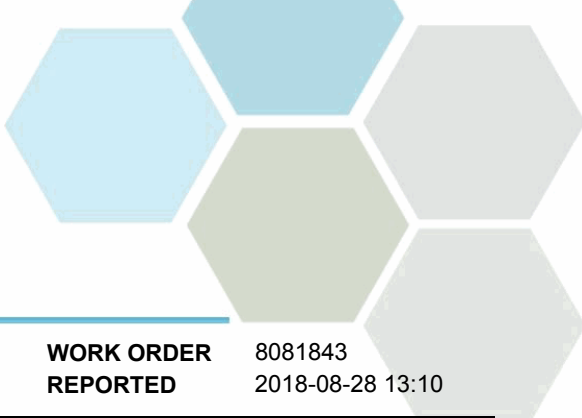
Analyte	Result	RL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
General Parameters, Batch B8H1738, Continued									
Blank (B8H1738-BLK1), Continued			Prepared: 2018-08-22, Analyzed: 2018-08-22						
Conductivity (EC)	< 2.0	2.0 µS/cm							
Blank (B8H1738-BLK2)			Prepared: 2018-08-22, Analyzed: 2018-08-22						
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 (B8H1738-BS1)			Prepared: 2018-08-22, Analyzed: 2018-08-22						
Alkalinity, Total (as CaCO3)	106	1.0 mg/L	100		106	92-106			
LCS (B8H1738-BS2)			Prepared: 2018-08-22, Analyzed: 2018-08-22						
Alkalinity, Total (as CaCO3)	106	1.0 mg/L	100		106	92-106			
LCS (B8H1738-BS3)			Prepared: 2018-08-22, Analyzed: 2018-08-22						
Conductivity (EC)	1400	2.0 µS/cm	1410		99	95-104			
LCS (B8H1738-BS4)			Prepared: 2018-08-22, Analyzed: 2018-08-22						
Conductivity (EC)	1410	2.0 µS/cm	1410		100	95-104			
Reference (B8H1738-SRM1)			Prepared: 2018-08-22, Analyzed: 2018-08-22						
pH	6.99	0.10 pH units	7.01		100	98-102			HT2
Reference (B8H1738-SRM2)			Prepared: 2018-08-22, Analyzed: 2018-08-22						
pH	6.96	0.10 pH units	7.01		99	98-102			HT2
General Parameters, Batch B8H1758									
Blank (B8H1758-BLK1)			Prepared: 2018-08-22, Analyzed: 2018-08-22						
Colour, True	< 5.0	5.0 CU							
LCS (B8H1758-BS1)			Prepared: 2018-08-22, Analyzed: 2018-08-22						
Colour, True	9.5	5.0 CU	10.0		95	85-115			
General Parameters, Batch B8H1759									
Blank (B8H1759-BLK1)			Prepared: 2018-08-22, Analyzed: 2018-08-22						
Turbidity	< 0.10	0.10 NTU							
LCS (B8H1759-BS1)			Prepared: 2018-08-22, Analyzed: 2018-08-22						
Turbidity	39.4	0.10 NTU	40.0		98	90-110			
General Parameters, Batch B8H1779									
Blank (B8H1779-BLK1)			Prepared: 2018-08-23, Analyzed: 2018-08-23						
Cyanide, Total	< 0.0020	0.0020 mg/L							
LCS (B8H1779-BS1)			Prepared: 2018-08-23, Analyzed: 2018-08-23						
Cyanide, Total	0.0199	0.0020 mg/L	0.0200		100	82-120			
LCS Dup (B8H1779-BSD1)			Prepared: 2018-08-23, Analyzed: 2018-08-23						
Cyanide, Total	0.0192	0.0020 mg/L	0.0200		96	82-120	4	10	



APPENDIX 2: QUALITY CONTROL RESULTS

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Analyte	Result	RL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
Total Metals, Batch B8H1819									
Blank (B8H1819-BLK1)			Prepared: 2018-08-23, Analyzed: 2018-08-23						
Mercury, total	< 0.000010	0.000010 mg/L							
Blank (B8H1819-BLK2)			Prepared: 2018-08-23, Analyzed: 2018-08-23						
Mercury, total	< 0.000010	0.000010 mg/L							
Duplicate (B8H1819-DUP1)			Source: 8081843-01		Prepared: 2018-08-23, Analyzed: 2018-08-23				
Mercury, total	< 0.000010	0.000010 mg/L		< 0.000010				20	
Matrix Spike (B8H1819-MS1)			Source: 8081843-02		Prepared: 2018-08-23, Analyzed: 2018-08-23				
Mercury, total	0.000235	0.000010 mg/L	0.000250	< 0.000010	94	70-130			
Reference (B8H1819-SRM1)			Prepared: 2018-08-23, Analyzed: 2018-08-23						
Mercury, total	0.00543	0.000010 mg/L	0.00489		111	80-120			
Reference (B8H1819-SRM2)			Prepared: 2018-08-23, Analyzed: 2018-08-23						
Mercury, total	0.00446	0.000010 mg/L	0.00489		91	80-120			
Total Metals, Batch B8H1945									
Blank (B8H1945-BLK1)			Prepared: 2018-08-24, Analyzed: 2018-08-25						
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							
LCS (B8H1945-BS1)			Prepared: 2018-08-24, Analyzed: 2018-08-25						
Aluminum, total	0.0240	0.0050 mg/L	0.0200		120	80-120			
Antimony, total	0.0210	0.00020 mg/L	0.0200		105	80-120			
Arsenic, total	0.0210	0.00050 mg/L	0.0200		105	80-120			
Barium, total	0.0204	0.0050 mg/L	0.0200		102	80-120			
Boron, total	0.0229	0.0050 mg/L	0.0200		114	80-120			
Cadmium, total	0.0206	0.000010 mg/L	0.0200		103	80-120			
Calcium, total	1.93	0.20 mg/L	2.00		97	80-120			
Chromium, total	0.0213	0.00050 mg/L	0.0200		106	80-120			
Cobalt, total	0.0216	0.00010 mg/L	0.0200		108	80-120			
Copper, total	0.0223	0.00040 mg/L	0.0200		112	80-120			
Iron, total	1.91	0.010 mg/L	2.00		96	80-120			
Lead, total	0.0214	0.00020 mg/L	0.0200		107	80-120			

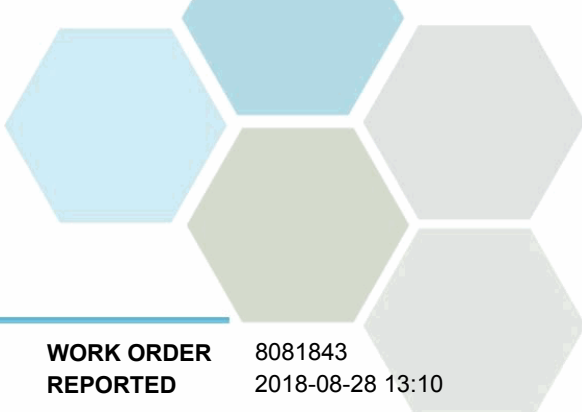


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Analyte	Result	RL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
Total Metals, Batch B8H1945, Continued									
LCS (B8H1945-BS1), Continued					Prepared: 2018-08-24, Analyzed: 2018-08-25				
Magnesium, total	2.04	0.010 mg/L	2.00		102	80-120			
Manganese, total	0.0205	0.00020 mg/L	0.0200		103	80-120			
Molybdenum, total	0.0210	0.00010 mg/L	0.0200		105	80-120			
Nickel, total	0.0215	0.00040 mg/L	0.0200		107	80-120			
Potassium, total	1.89	0.10 mg/L	2.00		94	80-120			
Selenium, total	0.0201	0.00050 mg/L	0.0200		101	80-120			
Sodium, total	2.08	0.10 mg/L	2.00		104	80-120			
Strontium, total	0.0209	0.0010 mg/L	0.0200		104	80-120			
Uranium, total	0.0212	0.000020 mg/L	0.0200		106	80-120			
Zinc, total	0.0214	0.0040 mg/L	0.0200		107	80-120			
Duplicate (B8H1945-DUP1)					Source: 8081843-01 Prepared: 2018-08-24, Analyzed: 2018-08-25				
Aluminum, total	0.0174	0.0050 mg/L		0.0180				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	0.0070	0.0050 mg/L		0.0067				9	
Boron, total	0.0251	0.0050 mg/L		0.0225			11	20	
Cadmium, total	< 0.000010	0.000010 mg/L		0.000010				20	
Calcium, total	9.39	0.20 mg/L		9.29			1	12	
Chromium, total	< 0.00050	0.00050 mg/L		< 0.00050				12	
Cobalt, total	< 0.00010	0.00010 mg/L		< 0.00010				13	
Copper, total	0.00110	0.00040 mg/L		0.00099				20	
Iron, total	0.067	0.010 mg/L		0.065			3	18	
Lead, total	< 0.00020	0.00020 mg/L		< 0.00020				20	
Magnesium, total	1.35	0.010 mg/L		1.32			2	10	
Manganese, total	0.00586	0.00020 mg/L		0.00578			1	13	
Molybdenum, total	0.00010	0.00010 mg/L		< 0.00010				20	
Nickel, total	< 0.00040	0.00040 mg/L		< 0.00040				20	
Potassium, total	0.16	0.10 mg/L		0.16				13	
Selenium, total	< 0.00050	0.00050 mg/L		< 0.00050				20	
Sodium, total	5.43	0.10 mg/L		5.36			1	10	
Strontium, total	0.0470	0.0010 mg/L		0.0459			2	9	
Uranium, total	< 0.000020	0.000020 mg/L		< 0.000020				14	
Zinc, total	< 0.0040	0.0040 mg/L		< 0.0040				8	
Reference (B8H1945-SRM1)					Prepared: 2018-08-24, Analyzed: 2018-08-25				
Aluminum, total	0.318	0.0050 mg/L	0.303		105	82-114			
Antimony, total	0.0516	0.00020 mg/L	0.0511		101	88-115			
Arsenic, total	0.122	0.00050 mg/L	0.118		103	88-111			
Barium, total	0.791	0.0050 mg/L	0.823		96	83-110			
Boron, total	3.25	0.0050 mg/L	3.45		94	80-118			
Cadmium, total	0.0490	0.000010 mg/L	0.0495		99	90-110			
Calcium, total	10.4	0.20 mg/L	11.6		89	85-113			
Chromium, total	0.265	0.00050 mg/L	0.250		106	88-111			
Cobalt, total	0.0408	0.00010 mg/L	0.0377		108	90-114			
Copper, total	0.528	0.00040 mg/L	0.486		109	90-117			
Iron, total	0.467	0.010 mg/L	0.488		96	90-116			
Lead, total	0.209	0.00020 mg/L	0.204		102	90-110			
Magnesium, total	3.82	0.010 mg/L	3.79		101	88-116			
Manganese, total	0.108	0.00020 mg/L	0.109		99	88-108			
Molybdenum, total	0.201	0.00010 mg/L	0.198		101	88-110			
Nickel, total	0.260	0.00040 mg/L	0.249		104	90-112			
Potassium, total	6.71	0.10 mg/L	7.21		93	87-116			
Selenium, total	0.120	0.00050 mg/L	0.121		99	90-122			
Sodium, total	7.47	0.10 mg/L	7.54		99	86-118			
Strontium, total	0.382	0.0010 mg/L	0.375		102	86-110			



APPENDIX 2: QUALITY CONTROL RESULTS

REPORTED TO PROJECT Parksville, City of
Drinking Water Pkg

WORK ORDER REPORTED 8081843
2018-08-28 13:10

Analyte	Result	RL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Qualifier
<i>Total Metals, Batch B8H1945, Continued</i>									
Reference (B8H1945-SRM1), Continued					Prepared: 2018-08-24, Analyzed: 2018-08-25				
Uranium, total	0.0305	0.000020 mg/L		0.0306	100	88-112			
Zinc, total	2.42	0.0040 mg/L		2.49	97	90-113			

QC Qualifiers:

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



#110-4011 Viking Way, Richmond, BC V6V 2K9
#102-3677 Highway 97N, Kelowna, BC V1X 5C3
17225 109 Avenue NW, Edmonton, AB T5S 1H7

CHAIN OF CUSTODY RECORD COC# B 72339 PAGE OF

RELINQUISHED BY: Barb Sileniaks DATE: Aug 20 RECEIVED BY: PUPO TC DATE: 08/20
TIME: 11:00 TIME: 8:30

REPORT TO: COMPANY: City of Parksville
ADDRESS: 1116 Herring Gull Way
CONTACT: Barbara Sileniaks
TEL/FAX:
DELIVERY METHOD: EMAIL [X] MAIL [] OTHER* []
DATA FORMAT: EXCEL [X] WATERTRAX [] ESdat []
EMAIL 1: bsileniaks@parksville.ca

INVOICE TO: SAME AS REPORT TO []
COMPANY:
ADDRESS:
CONTACT:
TEL/FAX:
DELIVERY METHOD: EMAIL [] MAIL [] OTHER* []
EMAIL 1:
EMAIL 2:
EMAIL 3:
PO #:

TURNAROUND TIME REQUESTED: Routine: (5-7 Days) [X] Rush: 1 Day* [] 2 Day* [] 3 Day* []
REGULATORY APPLICATION: Canadian Drinking Water Quality [] BC WQG [] BC HWR []
BC CSR Soil: WL [] AL [] PL [] RL-LD [] RL-HD [] CL [] IL []
BC CSR Water: AW [] IW [] LW [] DW []
CCME: OTHER:
PROJECT NUMBER / INFO:
A: Biohazard D: Asbestos G: Strong Odour
B: Cyanide E: Heavy Metals H: High Contamination
C: PCBs F: Flammable I: Other (please specify*)

** If you would like to sign up for ClientConnect and/or Envirochain, CARO's online service offerings, please check here: []

SAMPLED BY: Barb Sileniaks

Table with columns: CLIENT SAMPLE ID, MATRIX (DRINKING WATER, OTHER WATER, SOIL, OTHER), SAMPLING (DATE, TIME), COMMENTS, and various chemical analysis checkboxes (BTEX, VOC, EPH, PAH, etc.). Rows include River, Springwood well #5, Springwood well #10, Railway well #2, Railway well #5, and Memorial.

SHIPPING INSTRUCTIONS: Return Cooler(s) [] Supplies Needed:

SAMPLE RETENTION: 30 Days (default) [] 60 Days [] 90 Days [] Other (surcharges will apply):

* OTHER INSTRUCTIONS: PO 003109
If you would like to talk to a real live Scientist about your project requirements, please check here: []

SAMPLE RECEIPT CONDITION: COOLER 1 (°C): 11.9 ICE: Y [X] N []
COOLER 2 (°C): ICE: Y [] N []
COOLER 3 (°C): ICE: Y [] N []
CUSTODY SEALS INTACT: NA [] Y [] N []