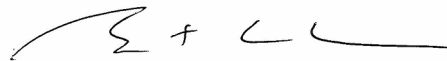


<b>REPORTED TO</b>	Parksville, City of P O Box 1390, 100 Jensen Avenue East Parksville, BC V9P 2H3	<b>TEL</b>	(250) 951-2489
		<b>FAX</b>	
<b>ATTENTION</b>	Barbara Silenieks	<b>WORK ORDER</b>	6110030
<b>PO NUMBER</b>	PO002303	<b>RECEIVED / TEMP</b>	2016-11-01 09:30 / 7°C
<b>PROJECT</b>	Drinking Water Pkg	<b>REPORTED</b>	2016-11-08
<b>PROJECT INFO</b>		<b>COC NUMBER</b>	B35456

**General Comments:**

CARO Analytical Services employs methods which are conducted according to procedures accepted by appropriate regulatory agencies, and/or are conducted in accordance with recognized professional standards using accepted testing methodologies and quality control efforts, except where otherwise agreed to by the client.

The results in this report apply to the samples analyzed in accordance with the Chain of Custody or Sample Requisition 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.



Authorized By:

**Brent Coates, B.Sc.**  
Division Manager, Richmond

***If you have any questions or concerns, please contact your Account Manager:***  
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[www.caro.ca](http://www.caro.ca)

**REPORTED TO PROJECT** Parksville, City of  
Drinking Water Pkg

**WORK ORDER REPORTED** 6110030  
2016-11-08

Analysis Description	Method Reference	Technique	Location
Alkalinity in Water	APHA 2320 B*	Titration with H2SO4	Kelowna
Ammonia, Total in Water	APHA 4500-NH3 G*	Automated Colorimetry (Phenate)	Kelowna
Anions by IC in Water	APHA 4110 B	Ion Chromatography with Chemical Suppression of Eluent Conductivity	Kelowna
Coliforms, Fecal (MF) in Water	APHA 9222	Membrane Filtration	Sublet
Coliforms, Total (MF) in Water	APHA 9222	Membrane Filtration	Sublet
Colour, True in Water	APHA 2120 C	Spectrophotometry (456 nm)	Kelowna
Conductivity in Water	APHA 2510 B	Conductivity Meter	Kelowna
Cyanide, SAD in Water	ASTM D7511-12	Flow Injection Analysis with In-Line Ultraviolet Digestion and Amperometric Detection	Kelowna
E. coli (MF) in Water	APHA 9223 B	Enzyme Substrate Endo Agar	Sublet
Hardness (as CaCO3) in Water	APHA 2340 B*	Calculation: 2.497 [total Ca] + 4.118 [total Mg] (Estimated)	N/A
Langelier Index in Water	APHA 2330 B	Calculation	N/A
Mercury, total by CVAFS in Water	EPA 245.7*	BrCl2 Oxidation / Cold Vapor Atomic Fluorescence Spectrometry (CVAFS)	Richmond
pH in Water	APHA 4500-H+ B	Electrometry	Kelowna
Solids, Total Dissolved in Water	APHA 1030 E	Calculation: 100 x ((Cations)-[Anions])/([Cations]+[Anions])	N/A
Temperature (lab) in Water	APHA 2550 B	Thermometer	Kelowna
Total Metals by ICPMS in Water	APHA 3030E* / APHA 3125 B	HNO3+HCl Hot Block Digestion / Inductively Coupled Plasma Mass Spectrometry (ICP-MS)	Richmond
Turbidity in Water	APHA 2130 B	Nephelometry	Kelowna

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

**Method Reference Descriptions:**

APHA Standard Methods for the Examination of Water and Wastewater, 22nd Edition, American Public Health Association/American Water Works Association/Water Environment Federation  
 ASTM ASTM International Test Methods  
 EPA United States Environmental Protection Agency Test Methods

**Glossary of Terms:**

MRL Method Reporting Limit  
 < Less than the Reported Detection Limit (RDL) - the RDL may be higher than the MRL due to various factors such as dilutions, limited sample volume, high moisture, or interferences  
 °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

**REPORTED TO PROJECT** Parksville, City of  
Drinking Water Pkg

**WORK ORDER REPORTED** 6110030  
2016-11-08

Analyte	Result / Recovery	Standard / Guideline	MRL / Limits	Units	Prepared	Analyzed	Notes
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**Sample ID: River (6110030-01) [Water] Sampled: 2016-10-31 00:00 To 2016-10-31 08:45**

**Anions**

Chloride	3.82	N/A	0.10	mg/L	N/A	2016-11-03	
Fluoride	< 0.10	N/A	0.10	mg/L	N/A	2016-11-03	
Nitrate (as N)	0.043	N/A	0.010	mg/L	N/A	2016-11-03	
Nitrite (as N)	< 0.010	N/A	0.010	mg/L	N/A	2016-11-03	
Sulfate	1.4	N/A	1.0	mg/L	N/A	2016-11-03	

**General Parameters**

Alkalinity, Total (as CaCO3)	16	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Phenolphthalein (as CaCO3)	< 1	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Bicarbonate (as CaCO3)	16	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Carbonate (as CaCO3)	< 1	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Hydroxide (as CaCO3)	< 1	N/A	2	mg/L	N/A	2016-11-03	
Colour, True	26	N/A	5	CU	N/A	2016-11-07	HT1
Conductivity (EC)	51	N/A	2	µS/cm	N/A	2016-11-03	
Cyanide, Total	< 0.0020	N/A	0.0020	mg/L	N/A	2016-11-03	
pH	7.11	N/A	0.01	pH units	N/A	2016-11-03	HT2
Temperature	20	N/A		°C	N/A	2016-11-03	HT2
Turbidity	1.19	N/A	0.10	NTU	N/A	2016-11-03	

**Calculated Parameters**

Hardness, Total (as CaCO3)	19.6	N/A	4.99	mg/L	N/A	N/A	
Langlier Index	-2.4	N/A	-5.0	-	N/A	2016-11-08	
Solids, Total Dissolved	24.5	N/A	2.00	mg/L	N/A	N/A	

**Total Metals**

Aluminum, total	0.127	N/A	0.005	mg/L	2016-11-03	2016-11-03	
Antimony, total	< 0.0010	N/A	0.0001	mg/L	2016-11-03	2016-11-03	
Arsenic, total	< 0.0050	N/A	0.0005	mg/L	2016-11-03	2016-11-03	
Barium, total	< 0.050	N/A	0.005	mg/L	2016-11-03	2016-11-03	
Boron, total	< 0.040	N/A	0.004	mg/L	2016-11-03	2016-11-03	
Cadmium, total	< 0.00010	N/A	0.00001	mg/L	2016-11-03	2016-11-03	
Calcium, total	6.2	N/A	0.2	mg/L	2016-11-03	2016-11-03	
Chromium, total	< 0.0050	N/A	0.0005	mg/L	2016-11-03	2016-11-03	
Cobalt, total	< 0.00050	N/A	0.00005	mg/L	2016-11-03	2016-11-03	
Copper, total	< 0.0020	N/A	0.0002	mg/L	2016-11-03	2016-11-03	
Iron, total	0.15	N/A	0.01	mg/L	2016-11-03	2016-11-03	
Lead, total	< 0.0010	N/A	0.0001	mg/L	2016-11-03	2016-11-03	
Magnesium, total	0.98	N/A	0.01	mg/L	2016-11-03	2016-11-03	
Manganese, total	0.0053	N/A	0.0002	mg/L	2016-11-03	2016-11-03	
Mercury, total	< 0.00002	N/A	0.00002	mg/L	2016-11-02	2016-11-03	
Molybdenum, total	< 0.0010	N/A	0.0001	mg/L	2016-11-03	2016-11-03	
Nickel, total	< 0.0020	N/A	0.0002	mg/L	2016-11-03	2016-11-03	
Potassium, total	< 0.20	N/A	0.02	mg/L	2016-11-03	2016-11-03	
Selenium, total	< 0.0050	N/A	0.0005	mg/L	2016-11-03	2016-11-03	
Sodium, total	2.10	N/A	0.02	mg/L	2016-11-03	2016-11-03	
Uranium, total	< 0.00020	N/A	0.00002	mg/L	2016-11-03	2016-11-03	
Zinc, total	< 0.040	N/A	0.004	mg/L	2016-11-03	2016-11-03	

**REPORTED TO PROJECT** Parksville, City of  
Drinking Water Pkg

**WORK ORDER REPORTED** 6110030  
2016-11-08

Analyte	Result / Recovery	Standard / Guideline	MRL / Limits	Units	Prepared	Analyzed	Notes
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**Sample ID: River (6110030-01) [Water] Sampled: 2016-10-31 00:00 To 2016-10-31 08:45, Continued**

**Microbiological Parameters**

Coliforms, Total	<b>64</b>	N/A	1	CFU/100 mL		2016-11-01	
Coliforms, Fecal	<b>32</b>	N/A	1	CFU/100 mL		2016-11-01	
E. coli	<b>34</b>	N/A	1	CFU/100 mL		2016-11-01	

**Sample ID: Springwood Well #6 (6110030-02) [Water] Sampled: 2016-10-31 09:15**

**Anions**

Chloride	<b>14.8</b>	N/A	0.10	mg/L	N/A	2016-11-03	
Fluoride	< 0.10	N/A	0.10	mg/L	N/A	2016-11-03	
Nitrate (as N)	<b>1.21</b>	N/A	0.010	mg/L	N/A	2016-11-03	
Nitrite (as N)	< 0.010	N/A	0.010	mg/L	N/A	2016-11-03	
Sulfate	<b>6.5</b>	N/A	1.0	mg/L	N/A	2016-11-03	

**General Parameters**

Alkalinity, Total (as CaCO3)	<b>132</b>	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Phenolphthalein (as CaCO3)	< 1	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Bicarbonate (as CaCO3)	<b>132</b>	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Carbonate (as CaCO3)	< 1	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Hydroxide (as CaCO3)	< 1	N/A	2	mg/L	N/A	2016-11-03	
Colour, True	< 5	N/A	5	CU	N/A	2016-11-07	HT1
Conductivity (EC)	<b>319</b>	N/A	2	µS/cm	N/A	2016-11-03	
Cyanide, Total	< 0.0020	N/A	0.0020	mg/L	N/A	2016-11-03	
pH	<b>7.51</b>	N/A	0.01	pH units	N/A	2016-11-03	HT2
Temperature	<b>21</b>	N/A		°C	N/A	2016-11-03	HT2
Turbidity	<b>1.08</b>	N/A	0.10	NTU	N/A	2016-11-03	

**Calculated Parameters**

Hardness, Total (as CaCO3)	<b>159</b>	N/A	4.99	mg/L	N/A	N/A	
Langelier Index	<b>-0.3</b>	N/A	-5.0	-	N/A	2016-11-08	
Solids, Total Dissolved	<b>168</b>	N/A	2.00	mg/L	N/A	N/A	

**Total Metals**

Aluminum, total	< 0.050	N/A	0.005	mg/L	2016-11-03	2016-11-03	
Antimony, total	< 0.0010	N/A	0.0001	mg/L	2016-11-03	2016-11-03	
Arsenic, total	< 0.0050	N/A	0.0005	mg/L	2016-11-03	2016-11-03	
Barium, total	< 0.050	N/A	0.005	mg/L	2016-11-03	2016-11-03	
Boron, total	< 0.040	N/A	0.004	mg/L	2016-11-03	2016-11-03	
Cadmium, total	< 0.00010	N/A	0.00001	mg/L	2016-11-03	2016-11-03	
Calcium, total	<b>34.9</b>	N/A	0.2	mg/L	2016-11-03	2016-11-03	
Chromium, total	< 0.0050	N/A	0.0005	mg/L	2016-11-03	2016-11-03	
Cobalt, total	< 0.00050	N/A	0.00005	mg/L	2016-11-03	2016-11-03	
Copper, total	<b>0.0073</b>	N/A	0.0002	mg/L	2016-11-03	2016-11-03	
Iron, total	<b>0.21</b>	N/A	0.01	mg/L	2016-11-03	2016-11-03	
Lead, total	<b>0.0028</b>	N/A	0.0001	mg/L	2016-11-03	2016-11-03	
Magnesium, total	<b>17.4</b>	N/A	0.01	mg/L	2016-11-03	2016-11-03	
Manganese, total	<b>0.0313</b>	N/A	0.0002	mg/L	2016-11-03	2016-11-03	
Mercury, total	< 0.00002	N/A	0.00002	mg/L	2016-11-02	2016-11-03	

**REPORTED TO PROJECT** Parksville, City of  
Drinking Water Pkg

**WORK ORDER REPORTED** 6110030  
2016-11-08

Analyte	Result / Recovery	Standard / Guideline	MRL / Limits	Units	Prepared	Analyzed	Notes
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**Sample ID: Springwood Well #6 (6110030-02) [Water] Sampled: 2016-10-31 09:15, Continued**

<b>Total Metals, Continued</b>							
Molybdenum, total	< 0.0010	N/A	0.0001	mg/L	2016-11-03	2016-11-03	
Nickel, total	< 0.0020	N/A	0.0002	mg/L	2016-11-03	2016-11-03	
Potassium, total	<b>0.86</b>	N/A	0.02	mg/L	2016-11-03	2016-11-03	
Selenium, total	< 0.0050	N/A	0.0005	mg/L	2016-11-03	2016-11-03	
Sodium, total	<b>7.48</b>	N/A	0.02	mg/L	2016-11-03	2016-11-03	
Uranium, total	<b>0.00022</b>	N/A	0.00002	mg/L	2016-11-03	2016-11-03	
Zinc, total	< 0.040	N/A	0.004	mg/L	2016-11-03	2016-11-03	
<b>Microbiological Parameters</b>							
Coliforms, Total	<1	N/A	1	CFU/100 mL		2016-11-01	
Coliforms, Fecal	<1	N/A	1	CFU/100 mL		2016-11-01	
E. coli	<1	N/A	1	CFU/100 mL		2016-11-01	

**Sample ID: Springwood Well #5 (6110030-03) [Water] Sampled: 2016-10-31 09:30**

<b>Anions</b>							
Chloride	<b>18.3</b>	N/A	0.10	mg/L	N/A	2016-11-03	
Fluoride	< 0.10	N/A	0.10	mg/L	N/A	2016-11-03	
Nitrate (as N)	<b>1.48</b>	N/A	0.010	mg/L	N/A	2016-11-03	
Nitrite (as N)	< 0.010	N/A	0.010	mg/L	N/A	2016-11-03	
Sulfate	<b>7.9</b>	N/A	1.0	mg/L	N/A	2016-11-03	
<b>General Parameters</b>							
Alkalinity, Total (as CaCO3)	<b>189</b>	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Phenolphthalein (as CaCO3)	< 1	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Bicarbonate (as CaCO3)	<b>189</b>	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Carbonate (as CaCO3)	< 1	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Hydroxide (as CaCO3)	< 1	N/A	2	mg/L	N/A	2016-11-03	
Colour, True	< 5	N/A	5	CU	N/A	2016-11-07	HT1
Conductivity (EC)	<b>427</b>	N/A	2	µS/cm	N/A	2016-11-03	
Cyanide, Total	< 0.0020	N/A	0.0020	mg/L	N/A	2016-11-03	
pH	<b>7.63</b>	N/A	0.01	pH units	N/A	2016-11-03	HT2
Temperature	<b>21</b>	N/A		°C	N/A	2016-11-03	HT2
Turbidity	<b>0.19</b>	N/A	0.10	NTU	N/A	2016-11-03	
<b>Calculated Parameters</b>							
Hardness, Total (as CaCO3)	<b>197</b>	N/A	4.99	mg/L	N/A	N/A	
Langelier Index	<b>0.08</b>	N/A	-5.0	-	N/A	2016-11-08	
Solids, Total Dissolved	<b>234</b>	N/A	2.00	mg/L	N/A	N/A	
<b>Total Metals</b>							
Aluminum, total	< 0.050	N/A	0.005	mg/L	2016-11-03	2016-11-03	
Antimony, total	< 0.0010	N/A	0.0001	mg/L	2016-11-03	2016-11-03	
Arsenic, total	< 0.0050	N/A	0.0005	mg/L	2016-11-03	2016-11-03	
Barium, total	< 0.050	N/A	0.005	mg/L	2016-11-03	2016-11-03	
Boron, total	< 0.040	N/A	0.004	mg/L	2016-11-03	2016-11-03	
Cadmium, total	< 0.00010	N/A	0.00001	mg/L	2016-11-03	2016-11-03	

**REPORTED TO PROJECT** Parksville, City of  
Drinking Water Pkg

**WORK ORDER REPORTED** 6110030  
2016-11-08

Analyte	Result / Recovery	Standard / Guideline	MRL / Limits	Units	Prepared	Analyzed	Notes
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**Sample ID: Springwood Well #5 (6110030-03) [Water] Sampled: 2016-10-31 09:30, Continued**

**Total Metals, Continued**

Calcium, total	43.5	N/A	0.2	mg/L	2016-11-03	2016-11-03	
Chromium, total	< 0.0050	N/A	0.0005	mg/L	2016-11-03	2016-11-03	
Cobalt, total	< 0.00050	N/A	0.00005	mg/L	2016-11-03	2016-11-03	
Copper, total	0.0337	N/A	0.0002	mg/L	2016-11-03	2016-11-03	
Iron, total	0.11	N/A	0.01	mg/L	2016-11-03	2016-11-03	
Lead, total	0.0021	N/A	0.0001	mg/L	2016-11-03	2016-11-03	
Magnesium, total	21.5	N/A	0.01	mg/L	2016-11-03	2016-11-03	
Manganese, total	0.0296	N/A	0.0002	mg/L	2016-11-03	2016-11-03	
Mercury, total	< 0.00002	N/A	0.00002	mg/L	2016-11-02	2016-11-03	
Molybdenum, total	0.0012	N/A	0.0001	mg/L	2016-11-03	2016-11-03	
Nickel, total	0.0024	N/A	0.0002	mg/L	2016-11-03	2016-11-03	
Potassium, total	1.02	N/A	0.02	mg/L	2016-11-03	2016-11-03	
Selenium, total	< 0.0050	N/A	0.0005	mg/L	2016-11-03	2016-11-03	
Sodium, total	19.2	N/A	0.02	mg/L	2016-11-03	2016-11-03	
Uranium, total	0.00026	N/A	0.00002	mg/L	2016-11-03	2016-11-03	
Zinc, total	< 0.040	N/A	0.004	mg/L	2016-11-03	2016-11-03	

**Microbiological Parameters**

Coliforms, Total	<1	N/A	1	CFU/100 mL		2016-11-01	
Coliforms, Fecal	<1	N/A	1	CFU/100 mL		2016-11-01	
E. coli	<1	N/A	1	CFU/100 mL		2016-11-01	

**Sample ID: Railway Well #5 (6110030-04) [Water] Sampled: 2016-10-31 09:45**

**Anions**

Chloride	24.1	N/A	0.10	mg/L	N/A	2016-11-03	
Fluoride	< 0.10	N/A	0.10	mg/L	N/A	2016-11-03	
Nitrate (as N)	0.611	N/A	0.010	mg/L	N/A	2016-11-03	
Nitrite (as N)	< 0.010	N/A	0.010	mg/L	N/A	2016-11-03	
Sulfate	4.1	N/A	1.0	mg/L	N/A	2016-11-03	

**General Parameters**

Alkalinity, Total (as CaCO3)	110	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Phenolphthalein (as CaCO3)	< 1	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Bicarbonate (as CaCO3)	110	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Carbonate (as CaCO3)	< 1	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Hydroxide (as CaCO3)	< 1	N/A	2	mg/L	N/A	2016-11-03	
Colour, True	< 5	N/A	5	CU	N/A	2016-11-07	HT1
Conductivity (EC)	302	N/A	2	µS/cm	N/A	2016-11-03	
Cyanide, Total	< 0.0020	N/A	0.0020	mg/L	N/A	2016-11-08	
pH	7.76	N/A	0.01	pH units	N/A	2016-11-03	HT2
Temperature	21	N/A		°C	N/A	2016-11-03	HT2
Turbidity	0.16	N/A	0.10	NTU	N/A	2016-11-03	

**Calculated Parameters**

Hardness, Total (as CaCO3)	139	N/A	4.99	mg/L	N/A	N/A	
Langelier Index	-0.2	N/A	-5.0	-	N/A	2016-11-08	

**REPORTED TO PROJECT** Parksville, City of  
Drinking Water Pkg

**WORK ORDER REPORTED** 6110030  
2016-11-08

Analyte	Result / Recovery	Standard / Guideline	MRL / Limits	Units	Prepared	Analyzed	Notes
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**Sample ID: Railway Well #5 (6110030-04) [Water] Sampled: 2016-10-31 09:45, Continued**

**Calculated Parameters, Continued**

Solids, Total Dissolved	153	N/A	2.00	mg/L	N/A	N/A	
<b>Total Metals</b>							
Aluminum, total	< 0.050	N/A	0.005	mg/L	2016-11-03	2016-11-03	
Antimony, total	< 0.0010	N/A	0.0001	mg/L	2016-11-03	2016-11-03	
Arsenic, total	< 0.0050	N/A	0.0005	mg/L	2016-11-03	2016-11-03	
Barium, total	< 0.050	N/A	0.005	mg/L	2016-11-03	2016-11-03	
Boron, total	< 0.040	N/A	0.004	mg/L	2016-11-03	2016-11-03	
Cadmium, total	< 0.00010	N/A	0.00001	mg/L	2016-11-03	2016-11-03	
Calcium, total	30.6	N/A	0.2	mg/L	2016-11-03	2016-11-03	
Chromium, total	< 0.0050	N/A	0.0005	mg/L	2016-11-03	2016-11-03	
Cobalt, total	< 0.00050	N/A	0.00005	mg/L	2016-11-03	2016-11-03	
Copper, total	0.0117	N/A	0.0002	mg/L	2016-11-03	2016-11-03	
Iron, total	< 0.10	N/A	0.01	mg/L	2016-11-03	2016-11-03	
Lead, total	< 0.0010	N/A	0.0001	mg/L	2016-11-03	2016-11-03	
Magnesium, total	15.2	N/A	0.01	mg/L	2016-11-03	2016-11-03	
Manganese, total	0.0066	N/A	0.0002	mg/L	2016-11-03	2016-11-03	
Mercury, total	< 0.00002	N/A	0.00002	mg/L	2016-11-02	2016-11-03	
Molybdenum, total	< 0.0010	N/A	0.0001	mg/L	2016-11-03	2016-11-03	
Nickel, total	< 0.0020	N/A	0.0002	mg/L	2016-11-03	2016-11-03	
Potassium, total	0.72	N/A	0.02	mg/L	2016-11-03	2016-11-03	
Selenium, total	< 0.0050	N/A	0.0005	mg/L	2016-11-03	2016-11-03	
Sodium, total	8.05	N/A	0.02	mg/L	2016-11-03	2016-11-03	
Uranium, total	0.00038	N/A	0.00002	mg/L	2016-11-03	2016-11-03	
Zinc, total	< 0.040	N/A	0.004	mg/L	2016-11-03	2016-11-03	

**Microbiological Parameters**

Coliforms, Total	<1	N/A	1	CFU/100 mL		2016-11-01	
Coliforms, Fecal	<1	N/A	1	CFU/100 mL		2016-11-01	
E. coli	<1	N/A	1	CFU/100 mL		2016-11-01	

**Sample ID: Railway Well #3 (6110030-05) [Water] Sampled: 2016-10-31 10:05**

**Anions**

Chloride	38.8	N/A	0.10	mg/L	N/A	2016-11-03	
Fluoride	< 0.10	N/A	0.10	mg/L	N/A	2016-11-03	
Nitrate (as N)	1.03	N/A	0.010	mg/L	N/A	2016-11-03	
Nitrite (as N)	< 0.010	N/A	0.010	mg/L	N/A	2016-11-03	
Sulfate	3.5	N/A	1.0	mg/L	N/A	2016-11-03	

**General Parameters**

Alkalinity, Total (as CaCO3)	114	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Phenolphthalein (as CaCO3)	< 1	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Bicarbonate (as CaCO3)	114	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Carbonate (as CaCO3)	< 1	N/A	2	mg/L	N/A	2016-11-03	
Alkalinity, Hydroxide (as CaCO3)	< 1	N/A	2	mg/L	N/A	2016-11-03	
Ammonia, Total (as N)	< 0.020	N/A	0.020	mg/L	N/A	2016-11-03	

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Analyte	Result / Recovery	Standard / Guideline	MRL / Limits	Units	Prepared	Analyzed	Notes
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**Sample ID: Railway Well #3 (6110030-05) [Water] Sampled: 2016-10-31 10:05, Continued**

**General Parameters, Continued**

Colour, True	< 5	N/A	5	CU	N/A	2016-11-07	HT1
Conductivity (EC)	<b>369</b>	N/A	2	µS/cm	N/A	2016-11-03	
Cyanide, Total	< 0.0020	N/A	0.0020	mg/L	N/A	2016-11-08	
pH	<b>7.77</b>	N/A	0.01	pH units	N/A	2016-11-03	HT2
Temperature	<b>22</b>	N/A		°C	N/A	2016-11-03	HT2
Turbidity	<b>0.12</b>	N/A	0.10	NTU	N/A	2016-11-03	

**Calculated Parameters**

Hardness, Total (as CaCO3)	<b>176</b>	N/A	4.99	mg/L	N/A	N/A	
Langelier Index	<b>-0.04</b>	N/A	-5.0	-	N/A	2016-11-08	
Solids, Total Dissolved	<b>184</b>	N/A	2.00	mg/L	N/A	N/A	

**Total Metals**

Aluminum, total	< 0.050	N/A	0.005	mg/L	2016-11-03	2016-11-03	
Antimony, total	< 0.0010	N/A	0.0001	mg/L	2016-11-03	2016-11-03	
Arsenic, total	< 0.0050	N/A	0.0005	mg/L	2016-11-03	2016-11-03	
Barium, total	< 0.050	N/A	0.005	mg/L	2016-11-03	2016-11-03	
Boron, total	< 0.040	N/A	0.004	mg/L	2016-11-03	2016-11-03	
Cadmium, total	<b>0.00010</b>	N/A	0.00001	mg/L	2016-11-03	2016-11-03	
Calcium, total	<b>38.0</b>	N/A	0.2	mg/L	2016-11-03	2016-11-03	
Chromium, total	< 0.0050	N/A	0.0005	mg/L	2016-11-03	2016-11-03	
Cobalt, total	< 0.00050	N/A	0.00005	mg/L	2016-11-03	2016-11-03	
Copper, total	<b>0.0083</b>	N/A	0.0002	mg/L	2016-11-03	2016-11-03	
Iron, total	< 0.10	N/A	0.01	mg/L	2016-11-03	2016-11-03	
Lead, total	< 0.0010	N/A	0.0001	mg/L	2016-11-03	2016-11-03	
Magnesium, total	<b>19.8</b>	N/A	0.01	mg/L	2016-11-03	2016-11-03	
Manganese, total	<b>0.160</b>	N/A	0.0002	mg/L	2016-11-03	2016-11-03	
Mercury, total	< 0.00002	N/A	0.00002	mg/L	2016-11-02	2016-11-03	
Molybdenum, total	< 0.0010	N/A	0.0001	mg/L	2016-11-03	2016-11-03	
Nickel, total	< 0.0020	N/A	0.0002	mg/L	2016-11-03	2016-11-03	
Potassium, total	<b>0.86</b>	N/A	0.02	mg/L	2016-11-03	2016-11-03	
Selenium, total	< 0.0050	N/A	0.0005	mg/L	2016-11-03	2016-11-03	
Sodium, total	<b>8.69</b>	N/A	0.02	mg/L	2016-11-03	2016-11-03	
Uranium, total	<b>0.00022</b>	N/A	0.00002	mg/L	2016-11-03	2016-11-03	
Zinc, total	< 0.040	N/A	0.004	mg/L	2016-11-03	2016-11-03	

**Microbiological Parameters**

Coliforms, Total	<1	N/A	1	CFU/100 mL		2016-11-01	
Coliforms, Fecal	<1	N/A	1	CFU/100 mL		2016-11-01	
E. coli	<1	N/A	1	CFU/100 mL		2016-11-01	

**Sample / Analysis Qualifiers:**

HT1 The sample was prepared and/or analyzed past the recommended holding time.  
HT2 The 15 minute recommended holding time (from sampling to analysis) has been exceeded - field analysis is recommended.



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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):** Laboratory reagent water is carried through sample preparation and analysis steps. Method Blanks indicate that results are free from contamination, i.e. not biased high from sources such as the sample container or the laboratory environment
- **Duplicate (Dup):** Preparation and analysis of a replicate aliquot of a sample. Duplicates provide a measure of the analytical method's precision, i.e. how reproducible a result is. Duplicates are only reported if they are associated with your sample data.
- **Blank Spike (BS):** A known amount of standard is carried through sample preparation and analysis steps. Blank Spikes, also known as laboratory control samples (LCS), are prepared from a different source of standard than used for the calibration. They ensure that the calibration is acceptable (i.e. not biased high or low) and also provide a measure of the analytical method's accuracy (i.e. closeness of the result to a target value).
- **Standard Reference Material (SRM):** A material of similar matrix to the samples, externally certified for the parameter(s) listed. Standard Reference Materials ensure that the preparation steps in the method are 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 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	MRL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Notes
<b>Anions, Batch B6K0263</b>									
<b>Blank (B6K0263-BLK1)</b> Prepared: 2016-11-03, Analyzed: 2016-11-03									
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							
<b>Blank (B6K0263-BLK2)</b> Prepared: 2016-11-03, Analyzed: 2016-11-03									
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							
<b>LCS (B6K0263-BS1)</b> Prepared: 2016-11-03, Analyzed: 2016-11-03									
Chloride	15.3	0.10 mg/L	16.0		96	90-110			
Fluoride	3.84	0.10 mg/L	4.00		96	88-108			
Nitrate (as N)	3.98	0.010 mg/L	4.00		100	93-108			
Nitrite (as N)	1.90	0.010 mg/L	2.00		95	83-110			
Sulfate	15.5	1.0 mg/L	16.0		97	91-109			
<b>LCS (B6K0263-BS2)</b> Prepared: 2016-11-03, Analyzed: 2016-11-03									
Chloride	15.3	0.10 mg/L	16.0		96	90-110			
Fluoride	3.78	0.10 mg/L	4.00		94	88-108			
Nitrate (as N)	3.96	0.010 mg/L	4.00		99	93-108			
Nitrite (as N)	1.80	0.010 mg/L	2.00		90	83-110			
Sulfate	15.9	1.0 mg/L	16.0		99	91-109			
<b>Duplicate (B6K0263-DUP2)</b> Source: 6110030-05 Prepared: 2016-11-03, Analyzed: 2016-11-03									
Chloride	38.7	0.10 mg/L		38.8			< 1	10	
Fluoride	< 0.10	0.10 mg/L		< 0.10				10	
Nitrate (as N)	1.03	0.010 mg/L		1.03			< 1	10	
Nitrite (as N)	< 0.010	0.010 mg/L		< 0.010				6	
Sulfate	3.5	1.0 mg/L		3.5				6	

**APPENDIX 1: QUALITY CONTROL DATA**

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Analyte	Result	MRL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Notes
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**Anions, Batch B6K0263, Continued**

Matrix Spike (B6K0263-MS2)	Source: 6110030-05		Prepared: 2016-11-03, Analyzed: 2016-11-03						
Chloride	58.6	0.10 mg/L	16.0	38.8	124	75-125			
Fluoride	3.71	0.10 mg/L	4.00	< 0.10	93	75-125			
Nitrate (as N)	4.95	0.010 mg/L	4.00	1.03	98	75-125			
Nitrite (as N)	1.86	0.010 mg/L	2.00	< 0.010	93	75-125			
Sulfate	18.8	1.0 mg/L	16.0	3.5	96	75-125			

**General Parameters, Batch B6K0085**

Blank (B6K0085-BLK1)	Prepared: 2016-11-03, Analyzed: 2016-11-03								
Ammonia, Total (as N)	< 0.020	0.020 mg/L							
Blank (B6K0085-BLK2)	Prepared: 2016-11-03, Analyzed: 2016-11-03								
Ammonia, Total (as N)	< 0.020	0.020 mg/L							
LCS (B6K0085-BS1)	Prepared: 2016-11-03, Analyzed: 2016-11-03								
Ammonia, Total (as N)	1.01	0.020 mg/L	1.00		101	86-111			
LCS (B6K0085-BS2)	Prepared: 2016-11-03, Analyzed: 2016-11-03								
Ammonia, Total (as N)	1.01	0.020 mg/L	1.00		101	86-111			

**General Parameters, Batch B6K0220**

Blank (B6K0220-BLK1)	Prepared: 2016-11-07, Analyzed: 2016-11-07								
Colour, True	< 5	5 CU							
LCS (B6K0220-BS1)	Prepared: 2016-11-07, Analyzed: 2016-11-07								
Colour, True	10	5 CU	10.0		100	85-115			

**General Parameters, Batch B6K0259**

Blank (B6K0259-BLK1)	Prepared: 2016-11-03, Analyzed: 2016-11-03								
Cyanide, Total	< 0.0020	0.0020 mg/L							
LCS (B6K0259-BS1)	Prepared: 2016-11-03, Analyzed: 2016-11-03								
Cyanide, Total	0.0201	0.0020 mg/L	0.0200		100	85-115			
LCS Dup (B6K0259-BSD1)	Prepared: 2016-11-03, Analyzed: 2016-11-03								
Cyanide, Total	0.0187	0.0020 mg/L	0.0200		94	85-115	7	10	

**General Parameters, Batch B6K0271**

Blank (B6K0271-BLK1)	Prepared: 2016-11-03, Analyzed: 2016-11-03								
Alkalinity, Total (as CaCO3)	< 1	2 mg/L							
Alkalinity, Phenolphthalein (as CaCO3)	< 1	2 mg/L							
Alkalinity, Bicarbonate (as CaCO3)	< 1	2 mg/L							
Alkalinity, Carbonate (as CaCO3)	< 1	2 mg/L							
Alkalinity, Hydroxide (as CaCO3)	< 1	2 mg/L							
Conductivity (EC)	< 1	2 µS/cm							
Blank (B6K0271-BLK2)	Prepared: 2016-11-03, Analyzed: 2016-11-03								
Alkalinity, Total (as CaCO3)	< 1	2 mg/L							
Alkalinity, Phenolphthalein (as CaCO3)	< 1	2 mg/L							
Alkalinity, Bicarbonate (as CaCO3)	< 1	2 mg/L							
Alkalinity, Carbonate (as CaCO3)	< 1	2 mg/L							
Alkalinity, Hydroxide (as CaCO3)	< 1	2 mg/L							

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Analyte	Result	MRL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Notes
<b>General Parameters, Batch B6K0271, Continued</b>									
<b>Blank (B6K0271-BLK2), Continued</b>			Prepared: 2016-11-03, Analyzed: 2016-11-03						
Conductivity (EC)	< 1	2 µS/cm							
<b>Blank (B6K0271-BLK3)</b>			Prepared: 2016-11-03, Analyzed: 2016-11-03						
Alkalinity, Total (as CaCO <sub>3</sub> )	< 1	2 mg/L							
Alkalinity, Phenolphthalein (as CaCO <sub>3</sub> )	< 1	2 mg/L							
Alkalinity, Bicarbonate (as CaCO <sub>3</sub> )	< 1	2 mg/L							
Alkalinity, Carbonate (as CaCO <sub>3</sub> )	< 1	2 mg/L							
Alkalinity, Hydroxide (as CaCO <sub>3</sub> )	< 1	2 mg/L							
Conductivity (EC)	1	2 µS/cm							BLK
<b>LCS (B6K0271-BS1)</b>			Prepared: 2016-11-03, Analyzed: 2016-11-03						
Alkalinity, Total (as CaCO <sub>3</sub> )	103	2 mg/L	100		103	96-108			
<b>LCS (B6K0271-BS2)</b>			Prepared: 2016-11-03, Analyzed: 2016-11-03						
Conductivity (EC)	1410	2 µS/cm	1410		100	95-104			
<b>LCS (B6K0271-BS3)</b>			Prepared: 2016-11-03, Analyzed: 2016-11-03						
Alkalinity, Total (as CaCO <sub>3</sub> )	102	2 mg/L	100		102	96-108			
<b>LCS (B6K0271-BS4)</b>			Prepared: 2016-11-03, Analyzed: 2016-11-03						
Conductivity (EC)	1410	2 µS/cm	1410		100	95-104			
<b>LCS (B6K0271-BS5)</b>			Prepared: 2016-11-03, Analyzed: 2016-11-03						
Alkalinity, Total (as CaCO <sub>3</sub> )	102	2 mg/L	100		102	96-108			
<b>LCS (B6K0271-BS6)</b>			Prepared: 2016-11-03, Analyzed: 2016-11-03						
Conductivity (EC)	1430	2 µS/cm	1410		102	95-104			
<b>Reference (B6K0271-SRM1)</b>			Prepared: 2016-11-03, Analyzed: 2016-11-03						
pH	6.97	0.01 pH units	7.00		100	98-102			
<b>Reference (B6K0271-SRM2)</b>			Prepared: 2016-11-03, Analyzed: 2016-11-03						
pH	6.97	0.01 pH units	7.00		100	98-102			
<b>Reference (B6K0271-SRM3)</b>			Prepared: 2016-11-03, Analyzed: 2016-11-03						
pH	6.97	0.01 pH units	7.00		100	98-102			
<b>General Parameters, Batch B6K0348</b>									
<b>Blank (B6K0348-BLK1)</b>			Prepared: 2016-11-04, Analyzed: 2016-11-04						
Turbidity	< 0.10	0.10 NTU							
<b>Blank (B6K0348-BLK2)</b>			Prepared: 2016-11-04, Analyzed: 2016-11-04						
Turbidity	< 0.10	0.10 NTU							
<b>Blank (B6K0348-BLK3)</b>			Prepared: 2016-11-04, Analyzed: 2016-11-04						
Turbidity	< 0.10	0.10 NTU							
<b>LCS (B6K0348-BS1)</b>			Prepared: 2016-11-04, Analyzed: 2016-11-04						
Turbidity	40.3	0.10 NTU	40.0		101	90-110			
<b>LCS (B6K0348-BS2)</b>			Prepared: 2016-11-04, Analyzed: 2016-11-04						
Turbidity	40.3	0.10 NTU	40.0		101	90-110			
<b>LCS (B6K0348-BS3)</b>			Prepared: 2016-11-04, Analyzed: 2016-11-04						
Turbidity	40.4	0.10 NTU	40.0		101	90-110			

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Analyte	Result	MRL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Notes
<b>General Parameters, Batch B6K0456</b>									
<b>Blank (B6K0456-BLK1)</b>			Prepared: 2016-11-08, Analyzed: 2016-11-08						
Cyanide, Total	< 0.0020	0.0020 mg/L							
<b>Blank (B6K0456-BLK2)</b>			Prepared: 2016-11-08, Analyzed: 2016-11-08						
Cyanide, Total	< 0.0020	0.0020 mg/L							
<b>LCS (B6K0456-BS1)</b>			Prepared: 2016-11-08, Analyzed: 2016-11-08						
Cyanide, Total	0.0199	0.0020 mg/L	0.0200		99	85-115			
<b>LCS (B6K0456-BS2)</b>			Prepared: 2016-11-08, Analyzed: 2016-11-08						
Cyanide, Total	0.0204	0.0020 mg/L	0.0200		102	85-115			
<b>LCS Dup (B6K0456-BSD1)</b>			Prepared: 2016-11-08, Analyzed: 2016-11-08						
Cyanide, Total	0.0193	0.0020 mg/L	0.0200		97	85-115	3	10	
<b>LCS Dup (B6K0456-BSD2)</b>			Prepared: 2016-11-08, Analyzed: 2016-11-08						
Cyanide, Total	0.0198	0.0020 mg/L	0.0200		99	85-115	3	10	
<b>Total Metals, Batch B6K0162</b>									
<b>Blank (B6K0162-BLK1)</b>			Prepared: 2016-11-02, Analyzed: 2016-11-03						
Mercury, total	< 0.00002	0.00002 mg/L							
<b>Reference (B6K0162-SRM1)</b>			Prepared: 2016-11-02, Analyzed: 2016-11-03						
Mercury, total	0.00485	0.00002 mg/L	0.00486		100	50-150			
<b>Total Metals, Batch B6K0195</b>									
<b>Blank (B6K0195-BLK1)</b>			Prepared: 2016-11-03, Analyzed: 2016-11-03						
Aluminum, total	< 0.005	0.005 mg/L							
Antimony, total	< 0.0001	0.0001 mg/L							
Arsenic, total	< 0.0005	0.0005 mg/L							
Barium, total	< 0.005	0.005 mg/L							
Boron, total	< 0.004	0.004 mg/L							
Cadmium, total	< 0.00001	0.00001 mg/L							
Calcium, total	< 0.2	0.2 mg/L							
Chromium, total	< 0.0005	0.0005 mg/L							
Cobalt, total	< 0.00005	0.00005 mg/L							
Copper, total	< 0.0002	0.0002 mg/L							
Iron, total	< 0.01	0.01 mg/L							
Lead, total	< 0.0001	0.0001 mg/L							
Magnesium, total	< 0.01	0.01 mg/L							
Manganese, total	< 0.0002	0.0002 mg/L							
Molybdenum, total	< 0.0001	0.0001 mg/L							
Nickel, total	< 0.0002	0.0002 mg/L							
Potassium, total	< 0.02	0.02 mg/L							
Selenium, total	< 0.0005	0.0005 mg/L							
Sodium, total	< 0.02	0.02 mg/L							
Uranium, total	< 0.00002	0.00002 mg/L							
Zinc, total	< 0.004	0.004 mg/L							
<b>Matrix Spike (B6K0195-MS1)</b>			<b>Source: 6110030-01</b>		Prepared: 2016-11-03, Analyzed: 2016-11-03				
Antimony, total	0.370	0.0001 mg/L	0.400	< 0.0010	92	84-125			
Arsenic, total	0.194	0.0005 mg/L	0.200	< 0.0050	97	85-116			
Barium, total	0.956	0.005 mg/L	1.00	< 0.050	95	87-114			
Cadmium, total	0.0966	0.00001 mg/L	0.100	< 0.00010	97	90-112			
Chromium, total	0.403	0.0005 mg/L	0.400	< 0.0050	100	89-120			

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Analyte	Result	MRL Units	Spike Level	Source Result	% REC	REC Limit	% RPD	RPD Limit	Notes
<b>Total Metals, Batch B6K0195, Continued</b>									
<b>Matrix Spike (B6K0195-MS1), Continued</b>		<b>Source: 6110030-01</b>		<b>Prepared: 2016-11-03, Analyzed: 2016-11-03</b>					
Cobalt, total	0.403	0.00005 mg/L	0.400	< 0.00050	101	88-120			
Copper, total	0.423	0.0002 mg/L	0.400	< 0.0020	105	88-125			
Iron, total	2.22	0.01 mg/L	2.00	0.15	103	88-119			
Lead, total	0.204	0.0001 mg/L	0.200	< 0.0010	102	89-118			
Manganese, total	0.407	0.0002 mg/L	0.400	0.0053	100	84-120			
Nickel, total	0.408	0.0002 mg/L	0.400	< 0.0020	102	87-119			
Selenium, total	0.102	0.0005 mg/L	0.100	< 0.0050	102	85-113			
Zinc, total	0.985	0.004 mg/L	1.00	< 0.040	98	85-116			
<b>Reference (B6K0195-SRM1)</b>									
<b>Prepared: 2016-11-03, Analyzed: 2016-11-03</b>									
Aluminum, total	0.305	0.005 mg/L	0.303		101	81-129			
Antimony, total	0.0475	0.0001 mg/L	0.0511		93	88-114			
Arsenic, total	0.116	0.0005 mg/L	0.118		99	88-114			
Barium, total	0.742	0.005 mg/L	0.823		90	72-104			
Boron, total	3.27	0.004 mg/L	3.45		95	75-121			
Cadmium, total	0.0474	0.00001 mg/L	0.0495		96	89-111			
Calcium, total	11.6	0.2 mg/L	11.6		100	86-121			
Chromium, total	0.252	0.0005 mg/L	0.250		101	89-114			
Cobalt, total	0.0396	0.00005 mg/L	0.0377		105	91-113			
Copper, total	0.533	0.0002 mg/L	0.486		110	91-115			
Iron, total	0.53	0.01 mg/L	0.488		108	77-124			
Lead, total	0.202	0.0001 mg/L	0.204		99	92-113			
Magnesium, total	3.97	0.01 mg/L	3.79		105	78-120			
Manganese, total	0.109	0.0002 mg/L	0.109		100	90-114			
Molybdenum, total	0.190	0.0001 mg/L	0.198		96	90-111			
Nickel, total	0.256	0.0002 mg/L	0.249		103	90-111			
Potassium, total	7.50	0.02 mg/L	7.21		104	84-113			
Selenium, total	0.129	0.0005 mg/L	0.121		107	85-115			
Sodium, total	8.05	0.02 mg/L	7.54		107	82-123			
Uranium, total	0.0277	0.00002 mg/L	0.0306		90	85-120			
Zinc, total	2.46	0.004 mg/L	2.49		99	85-111			

**QC Qualifiers:**

BLK Analyte concentration in the Method Blank is above the Method Reporting Limit (MRL).



## CHAIN OF CUSTODY RECORD COC# B 35456 PAGE OF

RELINQUISHED BY: Barb Sileniewsk DATE: Oct 31 1/2 RECEIVED BY: HM Puro DATE: 9:30  
 TIME: 10:45 TIME: 1/11/16

PROJECT: Drinking Water pkg PROJECT INFO:  
PO 002303

TURNAROUND TIME REQUESTED: Routine: (5-7 Days)  Rush: 1 Day\*  2 Day\*  3 Day\*  Other\*  
 \*Contact Lab To Confirm. Surcharge May Apply

REGULATORY APPLICATION: Canadian Drinking Water Quality Guidelines  Regs on Report?   
 BC Drinking Water Protection Act / Reg.   
 BC CSR  AB TIER 1  CCME  OTHER\*   
 AL  PL  RL  CL  IL  AW  IW  LW

REPORT TO: COMPANY: City of Parksville INVOICE TO: SAME AS REPORT TO   
 ADDRESS: 1116 Herring gull way ADDRESS:  
 CONTACT: Barb Sileniewsk CONTACT:  
 TEL/FAX: TEL/FAX:  
 DELIVERY METHOD: EMAIL  MAIL  OTHER\*  DELIVERY METHOD: EMAIL  MAIL  OTHER\*   
 DATA FORMAT: EXCEL  WATERTRAX  ESdat  EMAIL 1:  
 EQUIS  BC EMS  OTHER\*  EMAIL 2:  
 EMAIL 1: bsileniewsk@perksville.ca EMAIL 3:  
 EMAIL 2: PO #:  
 EMAIL 3:

\*\* NEW \*\* If you would like to sign up for ClientConnect and/or EnviroChain, CARO's online service offerings, check here:

**ANALYSES REQUESTED:**

	BTEX	VPH	PHC F1	VOC	VPH	PHC F2-F4	PAH	L/HEPH	PHENOLS Chlorinated	Non-Chlor.	PCB	GLYCOLS	HAA	PESTICIDES	ACID HERBICIDES	Hg	METALS - WATER TOTAL	METALS - WATER DISSOLVED	Hg	METALS - SOIL (SALM)	inc. pH	pH	EC	ALK	TSS	VSS	TDS	BOD	COD	MOG	FECAL COLIFORMS	HPC	TOTAL COLIFORMS	E. coli	ASBESTOS	HOLD	
CLIENT SAMPLE ID:																																					
1 River																																					
2 Springwood well #6																																					
3 Springwood well #5																																					
4 Railway well # 5																																					
5 Railway well # 3																																					

SAMPLED BY: B. Sileniewsk

CLIENT SAMPLE ID:	MATRIX:				# CONTAINERS	SAMPLING:		COMMENTS:																												
	DRINKING WATER	OTHER WATER	SOIL	OTHER		DATE	TIME	CHLORINATED	FILTERED	PRESERVED																										
1 River	<input checked="" type="checkbox"/>				5	Oct 31	8:45																													
2 Springwood well #6	<input checked="" type="checkbox"/>				5	Oct 31	9:15																													
3 Springwood well #5	<input checked="" type="checkbox"/>				5	Oct 31	9:30																													
4 Railway well # 5	<input checked="" type="checkbox"/>				5	Oct 31	9:45																													
5 Railway well # 3	<input checked="" type="checkbox"/>				5	Oct 31	10:05																													

SHIPPING INSTRUCTIONS: Return Cooler(s)  Supplies Needed:  
 SAMPLE RETENTION INSTRUCTIONS (Discarded 30 days after Report unless otherwise specified): 60 Days  90 Days  Longer Date (Surcharges will Apply):  
 \* OTHER INSTRUCTIONS:  
 PAYMENT: CHEQUE  CREDIT  DEBIT  CASH  INVOICE   
 SAMPLE RECEIPT CONDITION: COOLER 1 (°C): 7.5 ICE: Y  N   
 COOLER 2 (°C): ICE: Y  N   
 COOLER 3 (°C): ICE: Y  N   
 CUSTODY SEALS INTACT: