

CERTIFICATE OF ANALYSIS

(250) 951-2489

REPORTED TO Parksville, City of

P O Box 1390, 100 Jensen Avenue East TEL

Parksville, BC V9P 2H3 FAX

ATTENTION Barbara Silenieks WORK ORDER 7101343

PO NUMBER PO002775 RECEIVED / TEMP 2017-10-17 09:00 / 7°C

 PROJECT
 559027 - Drinking Water
 REPORTED
 2017-10-18

 PROJECT INFO
 COC NUMBER
 B53063

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:

Helen Maleki, Dipl T

Client Service Representative

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

Locations:

#110 4011 Viking Way Richmond, BC V6V 2K9 Tel: 604-279-1499 #102 3677 Highway 97N Kelowna, BC V1X 5C3 Tel: 250-765-9646

17225 109 Avenue Edmonton, AB T5S 1H7 Tel: 780-489-9100

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ANALYSIS INFORMATION

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Analysis Description	Method Reference	Technique	Location
Coliforms, Total in Water	SM 9222 (2006)	Membrane Filtration	Sublet
E. coli in Water	SM 9223 B (2004)	Enzyme Substrate Endo Agar	Sublet

Method Reference Descriptions:

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

Water Works Association/Water Environment Federation

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

CFU/100 mL Colony Forming Units per 100 millilitres



SAMPLE ANALYTICAL DATA

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Analyte	Result / Recovery	Standard / Guideline	MRL / Limits	Units	Prepared	Analyzed	Notes
Sample ID: Spring Well #1 (7101	343-01) [Water] San	npled: 2017-10-	16 13:00				
Microbiological Parameters							
Coliforms, Total	<1	N/A	1	CFU/100 mL	2017-10-16	2017-10-17	
E. coli	<1	N/A	1	CFU/100 mL	2017-10-16	2017-10-17	
Sample ID: Spring Well #8 (7101	343-02) [Water] San	npled: 2017-10-1	16 13:10				
Microbiological Parameters							
Coliforms, Total	<1	N/A	1	CFU/100 mL	2017-10-16	2017-10-17	
E. coli	<1	N/A	1	CFU/100 mL	2017-10-16	2017-10-17	
Microbiological Parameters	-						
Sample ID: Rail Well #1 (7101343	y co, [water] campi	00. 2017 10 10	10.20				
	<1	N/A	1	CFU/100 mL	2017-10-16	2017-10-17	
	<1 <1	N/A N/A	1	CFU/100 mL	2017-10-16 2017-10-16	2017-10-17	
Coliforms, Total	<1	N/A	13:15	CFU/100 mL			
Coliforms, Total E. coli Sample ID: Rail Well #8 (7101343 Microbiological Parameters Coliforms, Total E. coli Sample ID: River (7101343-05) [1	<1 3-04) [Water] Sample <1 <1	N/A ed: 2017-10-16	1 13:15	CFU/100 mL	2017-10-16	2017-10-17	
Coliforms, Total E. coli Sample ID: Rail Well #8 (7101343 Microbiological Parameters Coliforms, Total E. coli Sample ID: River (7101343-05) [Interobiological Parameters	<1 Sample	N/A ed: 2017-10-16	1 13:15 1	CFU/100 mL CFU/100 mL CFU/100 mL	2017-10-16 2017-10-16 2017-10-16	2017-10-17 2017-10-17 2017-10-17	
Coliforms, Total E. coli Sample ID: Rail Well #8 (7101343 Microbiological Parameters Coliforms, Total E. coli Sample ID: River (7101343-05) [International Parameters Coliforms, Total	<1 Sample	N/A ed: 2017-10-16 N/A N/A N/A 17-10-16 12:45	1 13:15 1 1	CFU/100 mL CFU/100 mL CFU/100 mL	2017-10-16 2017-10-16 2017-10-16	2017-10-17 2017-10-17 2017-10-17	
Coliforms, Total E. coli Sample ID: Rail Well #8 (7101343 Microbiological Parameters Coliforms, Total	<1 S-04) [Water] Sample <1 <1 <1 <1 Water] Sampled: 20° 43	N/A ed: 2017-10-16 N/A N/A 17-10-16 12:45 N/A N/A	13:15 1 1 1	CFU/100 mL CFU/100 mL CFU/100 mL CFU/100 mL	2017-10-16 2017-10-16 2017-10-16	2017-10-17 2017-10-17 2017-10-17	
Coliforms, Total E. coli Sample ID: Rail Well #8 (7101343 Microbiological Parameters Coliforms, Total E. coli Sample ID: River (7101343-05) [Interpretation of the colimon of the coli	<1 S-04) [Water] Sample <1 <1 <1 <1 Water] Sampled: 20° 43	N/A ed: 2017-10-16 N/A N/A 17-10-16 12:45 N/A N/A	13:15 1 1 1	CFU/100 mL CFU/100 mL CFU/100 mL CFU/100 mL	2017-10-16 2017-10-16 2017-10-16	2017-10-17 2017-10-17 2017-10-17	
Coliforms, Total E. coli Sample ID: Rail Well #8 (7101343 Microbiological Parameters Coliforms, Total E. coli Sample ID: River (7101343-05) [Intermediate of the colimon of the colimo	<1 S-04) [Water] Sample <1 <1 <1 <1 Water] Sampled: 20° 43	N/A ed: 2017-10-16 N/A N/A 17-10-16 12:45 N/A N/A	13:15 1 1 1 0-16 13:35	CFU/100 mL CFU/100 mL CFU/100 mL CFU/100 mL	2017-10-16 2017-10-16 2017-10-16	2017-10-17 2017-10-17 2017-10-17	



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V1X 5C3

CHAIN OF CUSTODY RECORD COC# B 53063 PAGE OF

ANALYTICAL SERVICES Caring About Results Obviously RELINQUISHED BY: Back Silenters Time: 1.50 PROJECT INFO: DATE: 10 PROJECT INFO:	
DDO ICCT NEO	
IREPORT TO:	
COMPANY: City of Parksvilk COMPANY: TURNAROUND TIME REQUESTED: REGULATORY APPLICATION:	
ADDRECC. Rec	on ort?
Rush: 1 Day* 2 Day* 3 Day* BC Drinking Water Protection Act / Reg.	
CONTACT: Other* BC CSR AB TIER 1 CCME OTHER* *Contact Lab To Confirm. Surcharge May Apply AL PL RL CL IL AW NO	
TEL/FAX: *Contact Lab To Confirm. Surcharge May Apply AL PL RL CL IL AW IW ANALYSES REQUESTED:	LW];
DELIVERY METHOD: EMAIL MAIL OTHER* DELIVERY METHOD: EMAIL MAIL OTHER*	
DATA FORMAT: EXCEL TO WATERTRAX DESIGNATED EMAIL 1: EQUIS DECEMBED OTHER* DEMAIL 2: EMAIL 1: DEMAIL 2: EMAIL 3: EMAIL 2: EMAIL 3:	
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**NEW ** If you would like to sign up for ClientConnect and/or EnviroChain, CARO's online service offerings, check here: SAMPLED BY: SOURCE	
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R WATER STORE COLLEGE	
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Spring. well #1 / (Oct 6'17 1:00 /	
Spring. well #8 V 1 Oct 16'17 (:10)	
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Reil well #8 V 1 0ct(6'(7 1:15)	
River V 1 Oct 16 17 12:45	
1116 Herring Gull V 1 Oct 16 17 1:35	
	44
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SHIPPING INSTRUCTIONS: Return Cooler(s) SAMPLE RETENTION INSTRUCTIONS (Discarded 30 days after Report unless otherwise specified): PAYMENT: SAMPLE RECEIPT CONDITION:	
Supplies Needed: COOLER 1 (°C): \ COOLER	
* OTHER INSTRUCTIONS: CREDIT DEBIT COOLER 2 (°C): ICE: Y DEBIT DEBIT COOLER 2 (°C):	
PO 002775 CASH COOLER 3 (°C): ICE: Y COUSTODY SEALS INTACT: 1 Page 4	