

**CERTIFICATE OF ANALYSIS**

**REPORTED TO** Beaver Falls Waterworks District  
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Montrose, BC V0G 1P0

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**ATTENTION** Shirley Fletcher

**WORK ORDER** 7021268

**PO NUMBER**

**RECEIVED / TEMP** 2017-02-22 08:10 / 5°C

**PROJECT** Drinking Water

**REPORTED** 2017-02-23

**PROJECT INFO**

**COC NUMBER** 40837.5581

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**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:

**Kristin McKeown**  
Client Service Representative

*If you have any questions or concerns, please contact me at [kmckeown@caro.ca](mailto:kmckeown@caro.ca)*

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Drinking Water

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2017-02-23

Analysis Description	Method Reference	Technique	Location
Coliforms, Total (MF-CCA) in Water	APHA 9222*	Membrane Filtration / Incubation on Chromocult Agar	Kelowna
E. coli (MF-CCA) in Water	APHA 9222*	Membrane Filtration / Incubation on Chromocult Agar	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

### 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
AO	Aesthetic objective
MAC	Maximum acceptable concentration (health based)
OG	Operational guideline (treated water)
CFU/100 mL	Colony Forming Units per 100 millilitres

### Standards / Guidelines Referenced in this Report:

Guidelines for Canadian Drinking Water Quality (Oct 2014)

Website: [http://www.hc-sc.gc.ca/ewh-semt/alt\\_formats/pdf/pubs/water-eau/sum\\_guide-res\\_recom/sum\\_guide-res\\_recom-eng.pdf](http://www.hc-sc.gc.ca/ewh-semt/alt_formats/pdf/pubs/water-eau/sum_guide-res_recom/sum_guide-res_recom-eng.pdf)

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

## SAMPLE ANALYTICAL DATA

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Analyte	Result / Recovery	Standard / Guideline	MRL / Limits	Units	Prepared	Analyzed	Notes
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**Sample ID: Well #1 (7021268-01) [Water] Sampled: 2017-02-21 11:00**

**Microbiological Parameters**

Coliforms, Total	< 1	MAC = None Detected	1	CFU/100 mL	N/A	2017-02-22	
E. coli	< 1	MAC = None Detected	1	CFU/100 mL	N/A	2017-02-22	

**Sample ID: Well #2 (7021268-02) [Water] Sampled: 2017-02-21 11:00**

**Microbiological Parameters**

Coliforms, Total	1	MAC = None Detected	1	CFU/100 mL	N/A	2017-02-22	
E. coli	< 1	MAC = None Detected	1	CFU/100 mL	N/A	2017-02-22	