



Report# 8647  
Filename 251008BFW2.pdf

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Client Beaver Falls Waterworks  
Attention Wendy Settle

#### CERTIFICATE OF ANALYSIS

| <u>Analyses</u> | <u>Method Description</u>              | <u>Reference</u> |
|-----------------|----------------------------------------|------------------|
| Total Coliforms | Membrane Filtration on LES Endo medium | APHA 9222B       |
| E. coli         | MF Partition on NA-MUG medium          | APHA 9222I       |
| Fecal Coliforms | Membrane Filtration on mFC medium      | APHA 9222D       |

Tests were performed in accordance with methods outlined in the "Standard Methods for the Examination of Water and Wastewater", 24th Edition, published by the American Public Health Association.

Passmore Laboratory Ltd. complies with methods and certification through the Province of British Columbia Enhanced Water Quality Assurance (EWQA) Program and the Clinical Microbiology Proficiency Testing (CMPT) Program. Other analytical results on this report not listed above are not within the scope of the EWQA. Passmore Laboratory assumes no responsibility for any loss or damage resulting from error or omission in the conduct of testing. Liability is limited to the cost of the analysis.

Processed by: Terry Berg

Mechelle Babic,  
Lab Manager

Please call or Email for with any questions, feedback, or more information

**ANALYTICAL RESULTS**

|                                  |              |               |              |            |                              |
|----------------------------------|--------------|---------------|--------------|------------|------------------------------|
| Sample ID                        | Beaver Creek |               |              | Sample # 1 |                              |
| Date/Time Sampled                | 2025-10-07   | 3:00 PM       | Matrix       | USW        | Temperature on Receipt 11 °C |
| Date/Time on Test                | 2025-10-08   | 2:41 PM       |              |            |                              |
| <u>Analyses</u>                  |              | <u>Result</u> | <u>Units</u> | <u>RDL</u> |                              |
| Coliforms, Total                 |              | 488           | CFU/100mL    | 1          |                              |
| Verified E.coli                  |              | 60            | CFU/100mL    | 1          |                              |
| Fecal (Thermotolerant) Coliforms |              | 42            | CFU/100mL    | 1          |                              |

**Glossary of Terms**

|             |                                                                                                                                                                          |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Less than 1 | Less than the Reportable Detection Limit, except under circumstances where the detection limit is higher due to interferences, insufficient sample volume, or dilutions. |
| APHA        | American Public Health Association                                                                                                                                       |
| CFU/100mL   | Colony Forming Units per 100 milliliters                                                                                                                                 |
| Matrix      | SW = Surface water, TW = Treated water, DW = Distribution water, UGW = Untreated Ground water, RW = Raw water                                                            |
| RDL         | Reportable Detection Limit                                                                                                                                               |

**References**