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Attention	Project
Client SIFCO Water Monitoring Program	Project Info

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", 23rd Edition, 2017 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.

Processed by: Mechelle Babic

Jennifer Yeow,
 Lab Manager



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

ANALYTICAL RESULTS

Sample ID TRO-WQ01 Sample # 1
 Sample Date/Time 2023-04-26 11:12 AM Source: creek

Date/Time on test 2023-04-27 12:10 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	9	CFU/100mL	1
Verified E.coli	1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	1	CFU/100mL	1
Turbidity	1.25	NTU	0.1
Conductivity	61.97	µS/cm @25°C	0.1

Comments This sample does not meet Canadian drinking water guidelines for bacterial tests performed.

Sample ID WIN-WQ01 Sample # 2
 Sample Date/Time 2023-04-26 11:53 AM Source: creek

Date/Time on test 2023-04-27 12:10 PM

<u>Analyses</u>	<u>Result</u>	<u>Units</u>	<u>RDL</u>
Coliforms, Total	15	CFU/100mL	1
Verified E.coli	less than 1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	less than 1	CFU/100mL	1
Turbidity	1.02	NTU	0.1
Conductivity	66.98	µS/cm @25°C	0.1

Comments This sample does not meet Canadian drinking water guidelines for the Total Coliform test. Total Coliforms are not associated with human infection but may indicate the presence of other harmful organisms.

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
MAC	Maximum Acceptable Concentration
Matrix	SW = Surface water, TW = Treated water, DW = Distribution water, UGW = Untreated Ground water, RW = Raw water
RDL	Reportable Detection Limit

References