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PASSMORE LABORATORY LTD.

4240 Passmore Upper Road, Winlaw BC, V0G 2J0
250-226-7339
test@passmorelaboratory.ca
passmorelaboratory.ca

Attention		Project	
Client	SIFCO Water Monitoring Program	Project Info	

CERTIFICATE OF ANALYSIS

Analyses	Method Description	Reference
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: Melina Plotz

Jennifer Yeow,
Lab Manager

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

ANALYTICAL RESULTS

Sample ID	TROWQ1				Sample # 1
Sample Date/Time	2023-07-11	12:34 PM	Source:	trozzo creek	

Date/Time on test 2023-07-12 2:14 PM

Analyses	Result	Units	RDL
Coliforms, Total	78	CFU/100mL	1
Verified E.coli	1	CFU/100mL	1
Fecal (Thermotolerant) Coliforms	1	CFU/100mL	1

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

Sample ID	TROWQ1				Sample # 2
Sample Date/Time	2023-07-11	12:37 PM	Source:	trozzo creek	

Date/Time on test 2023-07-14

Analyses	Result	Units	RDL
Turbidity	0.146	NTU	0.1
Conductivity	64.34	µS/cm @25°C	0.1

Sample ID	WINWQ1				Sample # 3
Sample Date/Time	2023-07-05	11:06 PM	Source:	winlaw creek	

Date/Time on test 2023-07-14

Analyses	Result	Units	RDL
Turbidity	0.091	NTU	0.1
Conductivity	94.13	µS/cm @25°C	0.1

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 Pubic 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