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Attention

Project

Client Sifco

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

Mechelle Babic,
 Lab Manager



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

ANALYTICAL RESULTS

Sample ID WIN-WQ01 - Coli Sample # 1
Sample Date/Time 2023-08-23 12:11 PM Source: creek

Date/Time on test 2023-08-24 5:25 PM

| <u>Analyses</u> | <u>Result</u> | <u>Units</u> | <u>RD</u> |
|----------------------------------|---------------|--------------|-----------|
| Coliforms, Total | 199 | CFU/100mL | 1 |
| Verified E.coli | 8 | CFU/100mL | 1 |
| Fecal (Thermotolerant) Coliforms | 6 | CFU/100mL | 1 |

Sample ID WIN-WQ01 - Turb/Cond Sample # 2
Sample Date/Time 2023-08-23 12:11 PM Source: creek

Date/Time on test 2023-08-26 3:45 PM

| <u>Analyses</u> | <u>Result</u> | <u>Units</u> | <u>RD</u> |
|-----------------|---------------|--------------|-----------|
| Turbidity | 0.142 | NTU | 0.1 |
| Conductivity | 110.9 | µS/cm @25°C | 0.1 |

Sample ID TRO-WQ01 - Coli Sample # 3
Sample Date/Time 2023-08-23 12:50 PM Source: creek

Date/Time on test 2023-08-24 5:30 PM

| <u>Analyses</u> | <u>Result</u> | <u>Units</u> | <u>RD</u> |
|----------------------------------|---------------------------|--------------|-----------|
| Coliforms, Total | *OG | CFU/100mL | 1 |
| Verified E.coli | *present -unable to count | CFU/100mL | 1 |
| Fecal (Thermotolerant) Coliforms | 64 | CFU/100mL | 1 |

Comments NOTE: Overgrown and heavy sediment - unable to count

Sample ID TRO-WQ01 - Turb/Cond Sample # 4
Sample Date/Time 2023-08-23 12:50 PM Source: creek

Date/Time on test 2023-08-26 3:50 PM

| <u>Analyses</u> | <u>Result</u> | <u>Units</u> | <u>RD</u> |
|-----------------|---------------|--------------|-----------|
| Turbidity | 90.5 | NTU | 0.1 |
| Conductivity | 74.78 | µS/cm @25°C | 0.1 |

ANALYTICAL RESULTS

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