

TEST RESULTS

REPORTED TO PROJECT Yellowhead County
Well Testing

WORK ORDER REPORTED 25F0662
2025-06-10 14:25

Analyte	Result	Guideline	RL Units	Analyzed	Qualifier
Gregg Lake Raw (25F0662-01) Matrix: Water Sampled: 2025-06-03 14:50					
Anions					
Chloride	10.6	AO ≤ 250	0.50 mg/L	2025-06-09	
Fluoride	< 0.10	MAC = 1.5	0.10 mg/L	2025-06-09	
Nitrate (as N)	0.084	MAC = 10	0.050 mg/L	2025-06-09	HT1
Nitrite (as N)	< 0.050	MAC = 1	0.050 mg/L	2025-06-09	HT1
Sulfate	< 1.0	AO ≤ 500	1.0 mg/L	2025-06-09	
Calculated Parameters					F1
Sodium Adsorption Ratio	0.2	N/A	0.1 -	2025-06-06	
Hardness, Dissolved (as CaCO ₃)	197	N/A	0.125 mg/L	N/A	
Ion Balance	107	N/A	1.0 %	2025-06-10	
Nitrate+Nitrite (as N)	0.0844	N/A	0.0500 mg/L	N/A	
Solids, Total Dissolved	199	AO ≤ 500	2.00 mg/L	N/A	
Dissolved Metals					F1
Calcium, dissolved	57.4	N/A	0.050 mg/L	2025-06-06	
Iron, dissolved	< 0.100	N/A	0.100 mg/L	2025-06-06	
Magnesium, dissolved	12.9	N/A	0.030 mg/L	2025-06-06	
Manganese, dissolved	0.014	N/A	0.010 mg/L	2025-06-06	
Potassium, dissolved	0.739	N/A	0.200 mg/L	2025-06-06	
Sodium, dissolved	6.50	N/A	0.050 mg/L	2025-06-06	
General Parameters					
Alkalinity, Total (as CaCO ₃)	182	N/A	2.0 mg/L	2025-06-09	
Bicarbonate (HCO ₃)	222	N/A	2.5 mg/L	2025-06-09	
Carbonate (CO ₃)	< 2.0	N/A	2.0 mg/L	2025-06-09	
Hydroxide (OH)	< 2.0	N/A	2.0 mg/L	2025-06-09	
Conductivity (EC)	386	N/A	2.0 µS/cm	2025-06-09	
pH	7.85	7.0-10.5	0.10 pH units	2025-06-09	HT2
Microbiological Parameters					
Coliforms, Total (Q-Tray)	< 1	MAC = 0	1 MPN/100 mL	2025-06-06	HT3
E. coli (Q-Tray)	< 1	MAC = 0	1 MPN/100 mL	2025-06-06	HT3

Sample Qualifiers:

F1	The sample was not field-filtered and was therefore filtered through a 0.45 µm membrane in the laboratory prior to analysis.
HT1	The sample was prepared and/or analyzed past the recommended holding time.
HT2	The 15 minute recommended holding time (from sampling to analysis) has been exceeded - field analysis is recommended.
HT3	Microbiological analysis was initiated beyond the maximum holding time of 30 hours. Results may not be valid.