



TEST RESULTS

REPORTED TO PROJECT Yellowhead County
Well Testing

WORK ORDER REPORTED 21H1209
2021-08-18 14:37

Analyte	Result	Guideline	RL	Units	Analyzed	Qualifier
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Gregg Lake Aug (21H1209-01) | Matrix: Water | Sampled: 2021-08-10 15:15

Anions

Chloride	10.5	AO ≤ 250	0.50	mg/L	2021-08-17	
Fluoride	< 0.10	MAC = 1.5	0.10	mg/L	2021-08-17	
Nitrate (as N)	0.123	MAC = 10	0.050	mg/L	2021-08-17	HT1
Nitrite (as N)	< 0.050	MAC = 1	0.050	mg/L	2021-08-17	HT1
Sulfate	1.6	AO ≤ 500	1.0	mg/L	2021-08-17	

Calculated Parameters

Hardness, Total (as CaCO3)	203	None Required	0.541	mg/L	N/A	
Solids, Total Dissolved	215	AO ≤ 500	3.35	mg/L	N/A	

General Parameters

Alkalinity, Total (as CaCO3)	202	N/A	2.0	mg/L	2021-08-17	
Bicarbonate (HCO3)	247	N/A	2.0	mg/L	2021-08-17	
Carbonate (CO3)	< 2.0	N/A	2.0	mg/L	2021-08-17	
Hydroxide (OH)	< 2.0	N/A	2.0	mg/L	2021-08-17	
Conductivity (EC)	394	N/A	2.0	µS/cm	2021-08-16	
pH	7.35	7.0-10.5	0.10	pH units	2021-08-17	HT2
Turbidity	1.67	OG < 1	0.10	NTU	2021-08-13	

Microbiological Parameters

Coliforms, Total (Q-Tray)	< 1	MAC = 0	1	MPN/100 mL	2021-08-13	HT1
E. coli (Q-Tray)	< 1	MAC = 0	1	MPN/100 mL	2021-08-13	HT1

Total Metals

Aluminum, total	< 0.0050	OG < 0.1	0.0050	mg/L	2021-08-16	
Antimony, total	< 0.00020	MAC = 0.006	0.00020	mg/L	2021-08-16	
Arsenic, total	< 0.00050	MAC = 0.01	0.00050	mg/L	2021-08-16	
Barium, total	0.129	MAC = 2	0.0050	mg/L	2021-08-16	
Boron, total	< 0.0500	MAC = 5	0.0500	mg/L	2021-08-16	
Cadmium, total	0.000057	MAC = 0.005	0.000010	mg/L	2021-08-16	
Calcium, total	55.7	None Required	0.20	mg/L	2021-08-16	
Chromium, total	< 0.00050	MAC = 0.05	0.00050	mg/L	2021-08-16	
Copper, total	0.00246	MAC = 2	0.00040	mg/L	2021-08-16	
Iron, total	0.392	AO ≤ 0.3	0.010	mg/L	2021-08-16	
Lead, total	0.00074	MAC = 0.005	0.00020	mg/L	2021-08-16	
Magnesium, total	15.4	None Required	0.010	mg/L	2021-08-16	
Manganese, total	0.00616	MAC = 0.12	0.00020	mg/L	2021-08-16	
Potassium, total	0.65	N/A	0.10	mg/L	2021-08-16	
Selenium, total	< 0.00050	MAC = 0.05	0.00050	mg/L	2021-08-16	
Silver, total	< 0.000050	None Required	0.000050	mg/L	2021-08-16	
Sodium, total	7.32	AO ≤ 200	0.10	mg/L	2021-08-16	
Strontium, total	0.132	7	0.0010	mg/L	2021-08-16	
Uranium, total	0.000210	MAC = 0.02	0.000020	mg/L	2021-08-16	
Zinc, total	0.121	AO ≤ 5	0.0040	mg/L	2021-08-16	