

Analytical Report

Bill To: City of Maple Ridge 11995 Haney Place Maple Ridge, BC, Canada V2X 6A9	Project ID: Project Name: Project Location: LSD: P.O.:	Lot ID: 1800259 Control Number: Date Received: Mar 11, 2025 Date Reported: Mar 17, 2025 Report Number: 3115214 Report Type: Final Report
Attn: Accounts Payable	Proj. Acct. code:	
Sampled By:		
Company:		

Reference Number	1800259-2
Sample Date	March 11, 2025
Sample Time	08:55
Sample Location	
Sample Description	Whonnock Lake Well House / 8.1 °C
Sample Matrix	Drinking Water

Analyte		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Metals Extractable						
Aluminum	Extractable	mg/L	<0.001	0.001	0.1 OG; 2.9 MAC	Below OG
Antimony	Extractable	mg/L	<0.00002	0.00002	0.006	Below MAC
Arsenic	Extractable	mg/L	0.0002	0.0001	0.010	Below MAC
Barium	Extractable	mg/L	<0.0001	0.0001	2.0	Below MAC
Boron	Extractable	mg/L	0.007	0.002	5	Below MAC
Cadmium	Extractable	mg/L	<0.00001	0.00001	0.007	Below MAC
Chromium	Extractable	mg/L	0.00041	0.00005	0.05	Below MAC
Copper	Extractable	mg/L	0.0005	0.0005	1 AO; 2 MAC	Below AO
Lead	Extractable	mg/L	0.00005	0.00001	0.005	Below MAC
Selenium	Extractable	mg/L	<0.0002	0.0002	0.05	Below MAC
Strontium	Extractable	mg/L	<0.0001	0.0001	7.0	Below MAC
Uranium	Extractable	mg/L	<0.00001	0.00001	0.02	Below MAC
Vanadium	Extractable	mg/L	0.0014	0.00005		
Zinc	Extractable	mg/L	0.0034	0.0005	5.0	Below AO
Microbiological Analysis						
Total Coliforms	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Escherichia coli	Enzyme Substrate Test	MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Physical and Aggregate Properties						
Colour	True	Colour units	5	5		
Turbidity		NTU	1.53	0.1	0.1/0.3/1.0 OG	
Routine Water						
pH			7.38	0.01	7.0-10.5	Within Range
pH - Holding Time			Exceeded			
Temp. of observed pH		°C	23.7			
Electrical Conductivity	at 25 °C	µS/cm	145	1		
Calcium	Extractable	mg/L	<0.01	0.01		
Iron	Extractable	mg/L	0.099	0.004	0.3	Below AO
Magnesium	Extractable	mg/L	<0.02	0.02		
Manganese	Extractable	mg/L	<0.001	0.001	0.02 AO; 0.12 MAC	Below AO
Potassium	Extractable	mg/L	<0.04	0.04		
Silicon	Extractable	mg/L	10	0.005		
Sodium	Extractable	mg/L	33	0.1	200	Below AO
T-Alkalinity	as CaCO3	mg/L	66	5		
Chloride	Dissolved	mg/L	5.97	0.05	250	Below AO
Fluoride	Dissolved	mg/L	0.05	0.01	1.5	Below MAC
Nitrate - N	Dissolved	mg/L	<0.01	0.01	10	Below MAC

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Analyte		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Routine Water - Continued						
Nitrite - N	Dissolved	mg/L	<0.01	0.01	1	Below MAC
Sulfate (SO ₄)	Dissolved	mg/L	0.1	0.1	500	Below AO
Hardness	as CaCO ₃ (extractable)	mg/L	<1.00	1		
Total Dissolved Solids	Extractable	mg/L	107	1	500	Below AO