

Analytical Report

Bill To: City of Maple Ridge
11995 Haney Place
Maple Ridge, BC, Canada
V2X 6A9
Attn: Accounts Payable
Sampled By:
Company:

Project ID:
Project Name:
Project Location:
LSD:
P.O.:
Proj. Acct. code:

Lot ID: **1800259**
Control Number:
Date Received: Mar 11, 2025
Date Reported: Mar 17, 2025
Report Number: 3115214
Report Type: Final Report

Reference Number 1800259-5
Sample Date March 11, 2025
Sample Time 10:00
Sample Location
Sample Description Thornhill Hall / 8.1 °C
Sample Matrix Drinking Water

Analyte		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
Metals Extractable						
Aluminum	Extractable	mg/L	0.011	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	0.0010	0.0001	0.010	Below MAC
Barium	Extractable	mg/L	0.0001	0.0001	2.0	Below MAC
Boron	Extractable	mg/L	0.36	0.002	5	Below MAC
Cadmium	Extractable	mg/L	<0.00001	0.00001	0.007	Below MAC
Chromium	Extractable	mg/L	<0.00005	0.00005	0.05	Below MAC
Copper	Extractable	mg/L	<0.0005	0.0005	1 AO; 2 MAC	Below AO
Lead	Extractable	mg/L	0.00001	0.00001	0.005	Below MAC
Selenium	Extractable	mg/L	<0.0002	0.0002	0.05	Below MAC
Strontium	Extractable	mg/L	0.0066	0.0001	7.0	Below MAC
Uranium	Extractable	mg/L	<0.00001	0.00001	0.02	Below MAC
Vanadium	Extractable	mg/L	0.0013	0.00005		
Zinc	Extractable	mg/L	<0.0005	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	0.16	0.1	0.1/0.3/1.0 OG	
Routine Water						
pH			9.48	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	139	1		
Calcium	Extractable	mg/L	1.6	0.01		
Iron	Extractable	mg/L	<0.004	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	0.18	0.04		
Silicon	Extractable	mg/L	12	0.005		
Sodium	Extractable	mg/L	28	0.1	200	Below AO
T-Alkalinity	as CaCO3	mg/L	60	5		
Chloride	Dissolved	mg/L	1.72	0.05	250	Below AO
Fluoride	Dissolved	mg/L	1.11	0.01	1.5	Below MAC
Nitrate - N	Dissolved	mg/L	<0.01	0.01	10	Below MAC

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 Sampled By: Company:	Proj. Acct. code:	

Reference Number	1800259-5
Sample Date	March 11, 2025
Sample Time	10:00
Sample Location	
Sample Description	Thornhill Hall / 8.1 °C
Sample Matrix	Drinking Water

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	2.2	0.1	500	Below AO
Hardness	as CaCO ₃ (extractable)	mg/L	4.1	1		
Total Dissolved Solids	Extractable	mg/L	104	1	500	Below AO

Approved by:



Carol Nam, Dipl. T.
Quality Assurance Coordinator

Data have been validated by Analytical Quality Control and Element's Integrated Data Validation System (IDVS).

Generation and distribution of the report, and approval by the digitized signature above, are performed through a secure and controlled automatic process.