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Report Trans	smission Cover Page				
Bill To:	City of Maple Ridge 23925 Dewdney Trunk Rd.	Project ID: Project Name:	Potability Testing	Lot ID:	1645770
	Maple Ridge, BC, Canada	Project Location:	i olability i oolilig	Control Number:	
	V2X 6A9	LSD:		Date Received:	1 /
Attn:	Mitch Stripp	P.O.:		Date Reported:	•
Sampled By:	Millen Stripp	Proj. Acct. code:		Report Number:	2865103
Company:		,			
Contact	Company		Address		
Binny Sivia	Fraser Health Auth	ority	400, 2777 Gladwin R		
			Abbotsford, BC V2T		
			Phone: (604) 870-7		(604) 852-1558
			Email: Binny.Sivia	@FraserHealth.ca	
<u>Delivery</u>	Format Deliverables				
Email - Merge	PDF		COC / Test Report		
Mike Albrecht	City of Maple Ridge	e			
			Maple Ridge, BC V3		
			Phone: (604) 363-6		
				mapleridge.ca	
<u>Delivery</u>	Forma	<u>at</u>	Deliverables		
Email	PDF		COA		
Email	PDF		Invoice		
Email	PDF		Test Re	eport	
Mitch Stripp	City of Maple Ridge	9	23925 Dewdney Trur		
			Maple Ridge, BC V2		
			Phone: (604) 375-5		
			Email: mstripp@ma	apleridge.ca	
Delivery	Forma	at	Deliverables		
Email	PDF		Invoice	•	

Notes To Clients:

• Apr 25, 2023 - Sample 1645770-4; 8606359: The analysis of water sample 1645770-4 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the September 2022 Guidelines for Canadian Drinking Water Quality for the parameters tested.

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Page 1 of 3

Analytical Re	-	Desiration				
Bill To: Attn:	City of Maple Ridge 23925 Dewdney Trunk Rd. Maple Ridge, BC, Canada V2X 6A9 Mitch Stripp	Project ID: Project Name: Project Location: LSD: P.O.:	Potability Testing	Date Date	Lot ID: 16457 ol Number: Received: Apr 21, 2 Reported: Apr 25, 2 rt Number: 2865103	023
Sampled By: Company:		Proj. Acct. code:				
		Reference Number	1645770-4			
		Sample Date	April 21, 2023			
		Sample Time	11:43			
		Sample Location				
		Sample Description Sample Matrix	272nd St. Well Drinking Water			
Analyte		Units	Result	Nominal Detection Limit	Guideline Limit	Guideline Comments
letals Extractal		_				
Aluminum	Extractable	mg/L	0.003	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	0.0005	0.0001	0.010	Below MAC
Barium	Extractable	mg/L	0.0031	0.0001	2.0	Below MAC
Boron	Extractable	mg/L	0.006	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	0.0025	0.0005	1 AO; 2 MAC	Below AO
Lead	Extractable	mg/L	0.00002	0.00001	0.005	Below MAC
Selenium	Extractable	mg/L	< 0.0002	0.0002	0.05	Below MAC
Strontium	Extractable	mg/L	0.052	0.0001	7.0	Below MAC
Uranium	Extractable	mg/L	< 0.00001	0.00001	0.02	Below MAC
Vanadium	Extractable	mg/L	0.00040	0.00005	5.0	Delaw AO
Zinc	Extractable	mg/L	0.0094	0.0005	5.0	Below AO
licrobiological Total Coliforms	Enzyme Substra Test	te MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
Escherichia coli	Enzyme Substra Test	te MPN/100 mL	<1.0	1.0	0 per 100 mL	Below MAC
	ggregate Properties					
Colour	True	Colour units	<5	5		
Turbidity		NTU	1.35	0.1	0.1/0.3/1.0 OG	
Routine Water			_			
pH - Holding Tin			Exceeded	0.57	70407	
pH Flastriael Carati	at 25 °C		7.35	0.01	7.0-10.5	Within Range
Electrical Condu	•	μS/cm at 25 °C	116	1		
Calcium	Extractable	mg/L	12	0.01	0.2	Delaw AC
Iron	Extractable	mg/L	0.18	0.004	0.3	Below AO
Magnesium Manganese	Extractable Extractable	mg/L mg/L	2.4 0.079	0.02 0.001	0.02 AO; 0.12	Above AO
Potassium	Extractable	mg/L	1.4	0.04	MAC	
Silicon	Extractable	mg/L	9.3	0.005		
Sodium	Extractable	mg/L	5.6	0.1	200	Below AO
T-Alkalinity	as CaCO3	mg/L	55	5		
Chloride	Dissolved	mg/L	1.69	0.05	250	Below AO
Fluoride	Dissolved	mg/L	0.08	0.01	1.5	Below MAC
Nitrate - N	Dissolved	mg/L	0.08	0.01	10	Below MAC
Nitrite - N	Dissolved	mg/L	0.02	0.01	1	Below MAC
Sulfate (SO4)	Dissolved	mg/L	<0.1	0.1	500	Below AO



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Maple Ridge, BC, CanadaProject Location:Date FV2X 6A9LSD:Date FAttn:Mitch StrippP.O.:Report	Lot ID: Number: Received: Reported:	Apr 21, 2023	
23925 Dewdney Trunk Rd. Project Name: Potability Testing Control Maple Ridge, BC, Canada Project Location: Date F V2X 6A9 LSD: Date F Attn: Mitch Stripp P.O.:	Number: Received: Reported:	Apr 21, 2023	
Maple Ridge, BC, Canada Project Location: Date F V2X 6A9 LSD: Date F Attn: Mitch Stripp P.O.: Report	Received: Reported:	1 7	
V2X 6A9LSD:Date FAttn:Mitch StrippP.O.:Report	Reported:	1 7	
Attn: Mitch Stripp P.O.: Report	•	Apr 05 0000	
Кероп		Apr 25, 2023	
Broi Acet codo:	Number:	2865103	
Sampled By: Proj. Acct. code:			
Company:			
Reference Number 1645770-4			
Sample Date April 21, 2023			
Sample Time 11:43			
Sample Location			
Sample Description 272nd St. Well / 8.5 °C			
Sample Matrix Drinking Water			
Nominal Detection	Guide		Guideline
Analyte Units Result Limit	Lim	it	Comments
Routine Water - Continued			
Hardness as CaCO3 mg/L 40 1 (extractable)			
Total Dissolved Solids Extractable mg/L 82 1	500	D	Below AO

Mox Heit

Max Hewitt Operations Manager

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.

Approved by:



Methodology and Notes

Method of Analysis

Bill To:	City of Maple Ridge	Project ID:
	23925 Dewdney Trunk Rd.	Project Na
	Maple Ridge, BC, Canada	Project Loo
	V2X 6A9	LSD:
Attn:	Mitch Stripp	P.O.:
Sampled By:		Proj. Acct.
Company:		

Project Name: Potability Testing Project Location: SD: P.O.: Proj. Acct. code:

T: +1 (604) 514-3322 F: +1 (604) 514-3323 E: info.vancouver@element.com W: www.element.com

Lot ID: 1645770

Control Number:	
Date Received:	Apr 21, 2023
Date Reported:	Apr 25, 2023
Report Number:	2865103

Method Name	Reference	Method	Date Analysis Started	Location
Alk, pH, EC, Turb in water (BC)	APHA	* Alkalinity - Titration Method, 2320 B	Apr 24, 2023	Element Vancouver
Alk, pH, EC, Turb in water (BC)	APHA	* Conductivity, 2510 B	Apr 24, 2023	Element Vancouver
Alk, pH, EC, Turb in water (BC)	APHA	* pH - Electrometric Method, 4500-H+ B	Apr 24, 2023	Element Vancouver
Anions by IEC in water (VAN)	APHA	 Ion Chromatography with Chemical Suppression of Eluent Cond., 4110 B 	Apr 24, 2023	Element Vancouver
Metals SemiTrace (Extractable) in water (VAN)	US EPA	 Metals & Trace Elements by ICP-AES, 6010C 	Apr 24, 2023	Element Vancouver
Total and E-Coli - Colilert - DW (VAN)	APHA	Enzyme Substrate Test, APHA 9223 B	Apr 21, 2023	Element Vancouver
Trace Metals (extractable) in Water (VAN)	US EPA	 Determination of Trace Elements in Waters and Wastes by ICP-MS, 200.8 	Apr 24, 2023	Element Vancouver
True Color in water (VAN)	APHA	 * Spectrophotometric - Single Wavelength Method, 2120 C 	Apr 24, 2023	Element Vancouver
Turbidity - Water (VAN)	APHA	* Turbidity - Nephelometric Method, 2130 B * Reference Method Modified	Apr 24, 2023	Element Vancouver

References

APHAStandard Methods for the Examination of Water and WastewaterUS EPAUS Environmental Protection Agency Test Methods

Guidelines

Guideline Description	Health Canada GCDWQ
Guideline Source	Guidelines for Canadian Drinking Water Quality, Health Canada, Sept 2020
Guideline Comments	MAC = Maximum Acceptable Concentration AO = Aesthetic Objective
	OG = Operational Guideline for Water Treatment Plants
	(does not apply to private groundwater wells).
	Refer to Health Canada for complete guidelines at www.hc-sc.gc.ca

Comments:

• Apr 25, 2023 - Sample 1645770-4; 8606359: The analysis of water sample 1645770-4 is below Maximum Acceptable Concentrations for the chemical and bacteriological health related guidelines specified by the September 2022 Guidelines for Canadian Drinking Water Quality for the parameters tested.

The comparison of test results to guideline limits is provided for information purposes only. This is not to be taken as a statement of conformance / nonconformance to any guideline, regulation or limit. The data user is responsible for all conclusions drawn with respect to the data and is advised to consult official regulatory references when evaluating compliance.

Please direct any inquiries regarding this report to our Client Services group. Results relate only to samples as submitted.

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