

North Island Laboratories

• 2755 B Moray Avenue, Courtenay, B.C. V9N 8M9 Tel: (250) 338 7786 Fax: (250) 338 7553

95195-01 Well 1

Sampled By: Gerry

Sampling Date: 9 May 12 0:00

Test	Result	Units	Drinking Water Guideline
T-Bismuth	<0.001	mg/L	
T-Cadmium	<0.00001	mg/L	0.005 MAC
T-Calcium	6.28	mg/L	
T-Chromium	<0.0004	mg/L	0.05 MAC
T-Cobalt	0.00004	mg/L	
T-Copper	0.004	mg/L	1.0 AO
T-Iron	0.252	mg/L	0.3 AO
T-Lead	0.0001	mg/L	0.010 MAC
T-Lithium	<0.001	mg/L	
T-Magnesium	0.82	mg/L	
T-Manganese	<0.005	mg/L	0.05 AO
T-Molybdenum	<0.0001	mg/L	
T-Nickel	<0.001	mg/L	
T-Phosphorus	<0.01	mg/L	
T-Potassium	<0.1	mg/L	
T-Selenium	<0.0006	mg/L	0.01 MAC
T-Silicon	3.77	mg/L	
T-Silver	<0.00001	mg/L	
T-Sodium	2	mg/L	200 AO
T-Strontium	0.013	mg/L	
T-Thallium	<0.00001	mg/L	
T-Tin	<0.0001	mg/L	
T-Titanium	0.003	mg/L	
T-Uranium	<0.0004	mg/L	
T-Vanadium	0.0003	mg/L	
T-Zinc	0.002	mg/L	5.0 AO
Hardness (CaCO ₃)	19	mg/L	80-100
Turbidity	<0.5	NTU's	5 AO

AO = Aesthetic Objective; MAC = Max. Allowable Concentration; IMAC = Interim MAC
 > = Greater than; < = Less than

Results relate only to samples as submitted. This certificate must not be reproduced, except in its entirety, without written consent from the laboratory.

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95195-02 Well 2

Sampled By: Gerry

Sampling Date: 9 May 12 0:00

Test	Result	Units	Drinking Water Guideline
Alkalinity	<20	mg/L (CaCO ₃)	
Total Ammonia (N)	<0.05	mg/L	
Chloride	1.3	mg/L	250 AO
Fluoride	<0.05	mg/L	1.5 MAC
Nitrate (N)	0.08	mg/L	10 MAC
Nitrite (N)	<0.05	mg/L	1 MAC
Sulphate	1.1	mg/L	500 AO
Colour - Apparent	3	Colour Units	15
pH	7.1	pH Units	6.5-8.5
Conductivity	43	uS/cm	
Iron Bacteria	None Detected	cfu/mL	
Sulphur Bacteria	None Detected	cfu/mL	
Corrosivity	-1.5		
Total Coliforms (MF)	<1	CFU/100mL	<1
E. coli (MF)	<1	CFU/100mL	<1
Non-Coliform Background	<1	CFU/100mL	
Total Dissolved Solids	18	mg/L	500 AO
Total Nitrogen (N)	0.11	mg/L	
Total Organic Carbon	0.5	mg/L	
Total Organic Nitrogen	0.1	mg/L	
Total Plate Count	<3	CFU/ml	
T-Aluminium	<0.005	mg/L	0.1 Operational Std
T-Antimony	<0.0002	mg/L	0.006 MAC
T-Arsenic	<0.0002	mg/L	0.010 MAC
T-Barium	<0.001	mg/L	1.0 MAC
T-Beryllium	<0.00004	mg/L	
T-Boron	<0.005	mg/L	5 MAC
T-Bismuth	<0.001	mg/L	
T-Cadmium	<0.00001	mg/L	0.005 MAC
T-Calcium	5.54	mg/L	
T-Chromium	<0.0004	mg/L	0.05 MAC
T-Cobalt	0.00003	mg/L	
T-Copper	0.01	mg/L	1.0 AO
T-Iron	<0.01	mg/L	0.3 AO

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95195-02 Well 2

Sampled By: Gerry

Sampling Date: 9 May 12 0:00

Test	Result	Units	Drinking Water Guideline
T-Lead	0.0005	mg/L	0.010 MAC
T-Lithium	<0.001	mg/L	
T-Magnesium	0.92	mg/L	
T-Manganese	<0.005	mg/L	0.05 AO
T-Molybdenum	0.0009	mg/L	
T-Nickel	<0.001	mg/L	
T-Phosphorus	<0.01	mg/L	
T-Potassium	<0.1	mg/L	
T-Selenium	<0.0006	mg/L	0.01 MAC
T-Silicon	4.62	mg/L	
T-Silver	<0.00001	mg/L	
T-Sodium	1.28	mg/L	200 AO
T-Strontium	0.012	mg/L	
T-Thallium	<0.00001	mg/L	
T-Tin	<0.0001	mg/L	
T-Titanium	<0.001	mg/L	
T-Uranium	<0.0004	mg/L	
T-Vanadium	0.0005	mg/L	
T-Zinc	0.002	mg/L	5.0 AO
Hardness (CaCO ₃)	18	mg/L	80-100
Turbidity	<0.5	NTU's	5 AO

95195-03 Well 3

Sampled By: Gerry

Sampling Date: 9 May 12 0:00

Test	Result	Units	Drinking Water Guideline
Alkalinity	<20	mg/L (CaCO ₃)	
Total Ammonia (N)	<0.05	mg/L	
Chloride	1.3	mg/L	250 AO
Fluoride	<0.05	mg/L	1.5 MAC
Nitrate (N)	<0.05	mg/L	10 MAC
Nitrite (N)	<0.05	mg/L	1 MAC
Sulphate	1.1	mg/L	500 AO

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95195-03 Well 3

Sampled By: Gerry

Sampling Date: 9 May 12 0:00

Test	Result	Units	Drinking Water Guideline
Colour - Apparent	3	Colour Units	15
pH	7.4	pH Units	6.5-8.5
Conductivity	47	uS/cm	
Iron Bacteria	None Detected	cfu/mL	
Sulphur Bacteria	None Detected	cfu/mL	
Corrosivity	-1.4		
Total Coliforms (MF)	<1	CFU/100mL	<1
E. coli (MF)	<1	CFU/100mL	<1
Non-Coliform Background	<1	CFU/100mL	
Total Dissolved Solids	26	mg/L	500 AO
Total Nitrogen (N)	0.09	mg/L	
Total Organic Carbon	0.5	mg/L	
Total Organic Nitrogen	0.09	mg/L	
Total Plate Count	<3	CFU/ml	
T-Aluminium	<0.005	mg/L	0.1 Operational Std
T-Antimony	<0.0002	mg/L	0.006 MAC
T-Arsenic	<0.0002	mg/L	0.010 MAC
T-Barium	<0.001	mg/L	1.0 MAC
T-Beryllium	<0.00004	mg/L	
T-Boron	<0.005	mg/L	5 MAC
T-Bismuth	<0.001	mg/L	
T-Cadmium	<0.00001	mg/L	0.005 MAC
T-Calcium	6.22	mg/L	
T-Chromium	<0.0004	mg/L	0.05 MAC
T-Cobalt	0.00002	mg/L	
T-Copper	0.004	mg/L	1.0 AO
T-Iron	0.012	mg/L	0.3 AO
T-Lead	0.0002	mg/L	0.010 MAC
T-Lithium	<0.001	mg/L	
T-Magnesium	1.09	mg/L	
T-Manganese	<0.005	mg/L	0.05 AO
T-Molybdenum	0.001	mg/L	
T-Nickel	<0.001	mg/L	
T-Phosphorus	<0.01	mg/L	

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95195-03 Well 3

Sampled By: Gerry

Sampling Date: 9 May 12 0:00

Test	Result	Units	Drinking Water Guideline
T-Potassium	<0.1	mg/L	
T-Selenium	<0.0006	mg/L	0.01 MAC
T-Silicon	4.66	mg/L	
T-Silver	<0.00001	mg/L	
T-Sodium	1.44	mg/L	200 AO
T-Strontium	0.012	mg/L	
T-Thallium	<0.00001	mg/L	
T-Tin	<0.0001	mg/L	
T-Titanium	0.004	mg/L	
T-Uranium	<0.0004	mg/L	
T-Vanadium	0.0007	mg/L	
T-Zinc	0.004	mg/L	5.0 AO
Hardness (CaCO ₃)	20	mg/L	80-100
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