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Water Sample Results Report CONFIDENTIAL

Aqua-Check
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Building: École Belle-Baie
6202 Hwy 316
Larrys River, Nova Scotia, B0H1T0

Test Name: Full Chemical

Sample ID: AC F25480
Sample Location: Staffroom Tap
Sample Date: 22 Sep 2025
Sample Time: 09:52:00

Registration No. unknown

Latitude: 45.225479475
Longitude: -61.37947892

DOE Contact:
p.
f.

This sample meets the health objective guidelines for Canadian Drinking Water Quality for the parameters below. (See Exceeds column below)

Parameter	Value	Units	Exceeds	Guideline	Health Objective
Anion Sum	1.22	me/L	No	n/a	n/a
Bicarbonate (as CaCO ₃)	33	mg/L	No	n/a	n/a
TDS (Calculated)	80	mg/L	No	0 to 500 mg/L	AO
Carbonate (as CaCO ₃)	<1.0	mg/L	No	n/a	n/a
Cation Sum	1.25	me/L	No	n/a	n/a
Hardness (as CaCO ₃)	<1.0	mg/L	No	n/a	n/a
Ion Balance (% difference)	1.21	%	No	n/a	n/a
Langlier Index (@ 20C)	NC	n/a	No	n/a	n/a
Langlier Index (@ 4C)	NC	n/a	No	n/a	n/a
Nitrate (as N)	<0.050	mg/L	No	0 to 10 mg/L	MAC
Saturation pH (@20C)	NC	n/a	No	n/a	n/a
Saturation pH (@ 4C)	NC	n/a	No	n/a	n/a
Alkalinity (as CaCO ₃)	33	mg/L	No	n/a	n/a
Chloride	18	mg/L	No	0 to 250 mg/L	AO
Color	<5.0	TCU	No	0 to 15 TCU	AO
Fluoride (F ⁻)	0.85	mg/L	No	0 to 1.5 mg/L	MAC
Nitrate + Nitrite (as N)	<0.050	mg/L	No	0 to 10 mg/L	n/a
Nitrite (as N)	<0.010	mg/L	No	0 to 1 mg/L	MAC
Ammonia (as N)	<0.050	mg/L	No	n/a	n/a
Total Organic Carbon	0.68	mg/L	No	n/a	n/a
Ortho Phosphate (as P)	0.049	mg/L	No	n/a	n/a
pH	7.46	pH	No	7 to 10.5 pH	AO
Reactive Silica (as SiO ₂)	13	mg/L	No	n/a	n/a
Sulfate	<2.0	mg/L	No	0 to 500 mg/L	AO
Turbidity (at tap)	0.10	NTU	No	0 to 1 NTU	AO
Conductance (RCap)	130	uS/cm	No	n/a	n/a
Aluminum	<5.0	ug/L	No	0 to 2900 ug/L	MAC
Antimony	<1.0	ug/L	No	0 to 6 ug/L	IMAC
Arsenic	<1.0	ug/L	No	0 to 10 ug/L	IMAC
Barium	<1.0	ug/L	No	0 to 2000 ug/L	MAC
Beryllium	<0.10	ug/L	No	n/a	n/a
Bismuth	<2.0	ug/L	No	n/a	n/a
Boron	71	ug/L	No	0 to 5000 ug/L	MAC
Cadmium	<0.010	ug/L	No	0 to 7 ug/L	MAC
Calcium	<100	ug/L	No	n/a	n/a
Chromium	<1.0	ug/L	No	0 to 50 ug/L	MAC
Cobalt	<0.40	ug/L	No	n/a	n/a
Copper	40	ug/L	No	0 to 2000 ug/L	MAC
Iron	<50	ug/L	No	0 to 100 ug/L	AO
Lead	<0.50	ug/L	No	0 to 5 ug/L	MAC
Magnesium	<100	ug/L	No	n/a	n/a
Manganese	<2.0	ug/L	No	0 to 120 ug/L	MAC
Molybdenum	<2.0	ug/L	No	n/a	n/a
Nickel	<2.0	ug/L	No	n/a	n/a
Phosphorus	<100	ug/L	No	n/a	n/a
Potassium	150	ug/L	No	n/a	n/a

Selenium	<0.50	ug/L	No	0 to 50 ug/L	MAC
Silver	<0.10	ug/L	No	n/a	n/a
Sodium	29000	ug/L	No	0 to 200000 ug/L	AO
Strontium	<2.0	ug/L	No	0 to 7000 ug/L	MAC
Thallium	<0.10	ug/L	No	n/a	n/a
Tin	<2.0	ug/L	No	n/a	n/a
Titanium	<2.0	ug/L	No	n/a	n/a
Uranium	<0.10	ug/L	No	0 to 20 ug/L	IMAC
Vanadium	<2.0	ug/L	No	n/a	n/a
Zinc	27	ug/L	No	0 to 5000 ug/L	AO

For further information, please check the Nova Scotia Department of Environment Water website or contact your closest Department of Environment office.
<http://www.gov.ns.ca/nse/water>

1 mg/L = 1000 ug/L 1ug/L = 0.001 mg/L

PARAMETER = indicates which chemicals your water was analyzed for.

VALUE = indicates the analyzed result for your water.

REPORTED UNITS= concentration unit for chemical analyzed. mg/L = parts per million.

ug/L = parts per billion.

EXCEEDS STANDARD = "Yes" indicates the tested parameter was higher than currently accepted GCDWQ standard for that parameter. "No" indicates result within accepted GCDWQ standard.

GCDWQ LEVEL = Identified Standard for that parameter under Guidelines for Canadian Drinking Water Quality.

**Health Objectives identified in the GCDWQ include:

MAC = Maximum Allowable Concentration

IMAC = Interim Maximum Allowable Concentration

AO = Aesthetic Objective

OGV = Operational Guideline Value

When analytical results for chemical parameters exceed the quoted MAC or IMAC GCDWQ standard, the owner of a Registered water supply is responsible to immediately notify NSDE and forward copies of these results to the local NSDE office. <http://www.gov.ns.ca/nse/>

As of March 2019, the MAC guideline for Lead has been re-assessed and was reduced from 10 ug/L to 5 ug/L.

As of May 2019, the AO and MAC guidelines for Manganese have been re-assessed and were reduced from 50ug/L to 20ug/L for the AO and the MAC was re-assessed to 120ug/L.

As of May 2019, an MAC guideline of 7 mg/L has been put in place for Total Strontium in drinking water.

As of June 2019, an MAC guideline of 2 mg/L (2000 ug/L) has been put in place for Total Copper in drinking water.

As of January 24 2020, the MAC guideline for Total Barium has been increased from 1 mg/L to 2 mg/L in drinking water.

As of July 11 2020, the MAC guideline for Cadmium has been increased from 5 ug/L to 7 ug/L in drinking water.

As of March 15, 2021, an MAC of 2.9 mg/L has been added for Aluminum in drinking water.

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