



Water Sample Results Report CONFIDENTIAL

Aqua-Check
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Test Name: Full Chemical
Company: CSAP Acadian School Board
9248 Highway 1
Meteghan River, NS, B0W2Z0
2001-018543
Registration No.
Sample ID: AC 60931
Sample Location: kitchen tap
Sample Date: 12 Jun 2017
Sample Time: 13:20:00
Company Contact: Stephane Bertrand
p. 902-769-5463
f. 902-769-5471
Building Contact: DOE- Yarmouth
p. 902-742-8985
f. 902-742-7796
e.

Building: École Stella-Maris
288 Peter Dugas Road
Meteghan, NS, B0W2J0

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

Parameter	Value	Units	Exceeds	GCDWQ Level	Health Objective
Sodium	46120	ug/L		0.000 to 200000.000 ug/L	AO
Potassium	<100	ug/L		n/a	n/a
Calcium	<100	ug/L		n/a	n/a
Magnesium	<100	ug/L		n/a	n/a
Alkalinity (as CaCO3)	44.5	mg/L		n/a	n/a
Sulfate	18.9	mg/L		0.000 to 500.000 mg/L	AO
Chloride	28.05	mg/L		0.000 to 250.000 mg/L	AO
Reactive Silica (as SiO2)	7.11	mg/L		n/a	n/a
Ortho Phosphate (as P)	<0.01	mg/L		n/a	n/a
Nitrite (as N)	<0.01	mg/L		0.000 to 1.000 mg/L	MAC
Nitrate + Nitrite (as N)	<0.05	mg/L		0.000 to 10.000 mg/L	n/a
Nitrate (as N)	<0.05	mg/L		0.000 to 10.000 mg/L	MAC
Ammonia (as N)	<0.05	mg/L		n/a	n/a
Color	<5	TCU		0.000 to 15.000 TCU	AO
Turbidity (at tap)	2.09	NTU		0.000 to 5.000 NTU	AO
Conductance (RCAp)	228	uS/cm		n/a	n/a
pH	6.9	pH		6.500 to 8.500 pH	AO
Hardness (as CaCO3)		mg/L		n/a	n/a
Bicarbonate (as CaCO3)	44.48	mg/L		n/a	n/a
Carbonate (as CaCO3)	<1	mg/L		n/a	n/a
TDS (Calculated)	129.47	mg/L		0.000 to 500.000 mg/L	AO
Cation Sum	2.01	me/L		n/a	n/a
Anion Sum	1.93	me/L		n/a	n/a
Ion Balance (% difference)	2.13	%		n/a	n/a
Langlier Index (@ 4C)		N/A		n/a	n/a
Langlier Index (@ 20C)		N/A		n/a	n/a
Saturation pH (@ 4C)		N/A		n/a	n/a
Saturation pH (@20C)		N/A		n/a	n/a

Parameter	Value	Units	Exceeds	GCDWQ Level	Health Objective
Fluoride (F-)	0.23	mg/L		0.000 to 1.500 mg/L	MAC
Aluminum	<27	ug/L		0.000 to 100.000 ug/L	OGV
Antimony	<2	ug/L		0.000 to 6.000 ug/L	IMAC
Arsenic	<4	ug/L		0.000 to 10.000 ug/L	IMAC
Barium	<1	ug/L		0.000 to 1000.000 ug/L	MAC
Beryllium	<1	ug/L		n/a	n/a
Bismuth		ug/L		n/a	n/a
Boron	50.2	ug/L		0.000 to 5000.000 ug/L	IMAC
Cadmium	<1	ug/L		0.000 to 5.000 ug/L	MAC
Chromium	<1	ug/L		0.000 to 50.000 ug/L	MAC
Cobalt	<1	ug/L		n/a	n/a
Copper	31.7	ug/L		0.000 to 1000.000 ug/L	AO
Iron	99.9	ug/L		0.000 to 300.000 ug/L	AO
Lead	<4	ug/L		0.000 to 10.000 ug/L	MAC
Manganese	<2	ug/L		0.000 to 50.000 ug/L	AO
Molybdenum	<2	ug/L		n/a	n/a
Nickel	<2	ug/L		n/a	n/a
Selenium	<9	ug/L		0.000 to 50.000 ug/L	MAC
Silver	<2	ug/L		n/a	n/a
Strontium	<2	ug/L		n/a	n/a
Thallium	<20	ug/L		n/a	n/a
Tin	<2	ug/L		n/a	n/a
Titanium	<2	ug/L		n/a	n/a
Uranium	<20	ug/L		0.000 to 20.000 ug/L	IMAC
Vanadium	<2	ug/L		n/a	n/a
Zinc	23.3	ug/L		0.000 to 5000.000 ug/L	AO
Phosphorus	<4	ug/L		n/a	n/a
Total Organic Carbon	2.8	mg/L		n/a	n/a

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 µg/L 1µg/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.

µg/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/>

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