



Water Sample Results Report CONFIDENTIAL

Aqua-Check
1801 Hollis Street, Suite 1220
Halifax, NS, B3J 3N4
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Building: **École Acadienne de Pomquet**
791 Taylor Road
Pomquet, NS, B2G2L4

Test Name: Full Chemical
Company: **CSAP Acadian School Board**
9248 Highway 1
Meteghan River, NS, B0W2Z0
2001-019898
Registration No.
Sample ID: AC 57789
Sample Location: cafeteria tap
Sample Date: 13 Jun 2017
Sample Time: 11:40:00
Company Contact: **Stephane Bertrand**
p. 902-769-5463
f. 902-769-5471
Building Contact: DOE- Antigonish
p. 902-863-7401
f. 902-863-7411
e.

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	860000	ug/L	Yes	0.000 to 200000.000 ug/L	AO
Potassium	6100	ug/L		n/a	n/a
Calcium	3900	ug/L		n/a	n/a
Magnesium	1400	ug/L		n/a	n/a
Alkalinity (as CaCO3)	200	mg/L		n/a	n/a
Sulfate	680	mg/L	Yes	0.000 to 500.000 mg/L	AO
Chloride	760	mg/L	Yes	0.000 to 250.000 mg/L	AO
Reactive Silica (as SiO2)	8.6	mg/L		n/a	n/a
Ortho Phosphate (as P)	<0.010	mg/L		n/a	n/a
Nitrite (as N)	<0.010	mg/L		0.000 to 1.000 mg/L	MAC
Nitrate + Nitrite (as N)	0.11	mg/L		0.000 to 10.000 mg/L	n/a
Nitrate (as N)	0.11	mg/L		0.000 to 10.000 mg/L	MAC
Ammonia (as N)	<0.050	mg/L		n/a	n/a
Color	<5.0	TCU		0.000 to 15.000 TCU	AO
Turbidity (at tap)	0.29	NTU		0.000 to 5.000 NTU	AO
Conductance (RCAp)	4000	uS/cm		n/a	n/a
pH	7.99	pH		6.500 to 8.500 pH	AO
Hardness (as CaCO3)	15	mg/L		n/a	n/a
Bicarbonate (as CaCO3)	200	mg/L		n/a	n/a
Carbonate (as CaCO3)	1.9	mg/L		n/a	n/a
TDS (Calculated)	2400	mg/L	Yes	0.000 to 500.000 mg/L	AO
Cation Sum	38.0	me/L		n/a	n/a
Anion Sum	39.7	me/L		n/a	n/a
Ion Balance (% difference)	2.15	%		n/a	n/a
Langlier Index (@ 4C)	-1.04	N/A		n/a	n/a
Langlier Index (@ 20C)	-0.793	N/A		n/a	n/a
Saturation pH (@ 4C)	9.02	N/A		n/a	n/a
Saturation pH (@20C)	8.78	N/A		n/a	n/a

Parameter	Value	Units	Exceeds	GCDWQ Level	Health Objective
Fluoride (F-)	0.50	mg/L		0.000 to 1.500 mg/L	MAC
Aluminum	7.7	ug/L		0.000 to 100.000 ug/L	OGV
Antimony	<1.0	ug/L		0.000 to 6.000 ug/L	IMAC
Arsenic	<1.0	ug/L		0.000 to 10.000 ug/L	IMAC
Barium	1.8	ug/L		0.000 to 1000.000 ug/L	MAC
Beryllium	<1.0	ug/L		n/a	n/a
Bismuth	<2.0	ug/L		n/a	n/a
Boron	780	ug/L		0.000 to 5000.000 ug/L	IMAC
Cadmium	<0.010	ug/L		0.000 to 5.000 ug/L	MAC
Chromium	<1.0	ug/L		0.000 to 50.000 ug/L	MAC
Cobalt	<0.40	ug/L		n/a	n/a
Copper	21	ug/L		0.000 to 1000.000 ug/L	AO
Iron	<50	ug/L		0.000 to 300.000 ug/L	AO
Lead	<0.50	ug/L		0.000 to 10.000 ug/L	MAC
Manganese	4.1	ug/L		0.000 to 50.000 ug/L	AO
Molybdenum	6.4	ug/L		n/a	n/a
Nickel	<2.0	ug/L		n/a	n/a
Selenium	<1.0	ug/L		0.000 to 50.000 ug/L	MAC
Silver	<0.10	ug/L		n/a	n/a
Strontium	290	ug/L		n/a	n/a
Thallium	<0.10	ug/L		n/a	n/a
Tin	<2.0	ug/L		n/a	n/a
Titanium	<2.0	ug/L		n/a	n/a
Uranium	0.11	ug/L		0.000 to 20.000 ug/L	IMAC
Vanadium	<2.0	ug/L		n/a	n/a
Zinc	17	ug/L		0.000 to 5000.000 ug/L	AO
Phosphorus	<100	ug/L		n/a	n/a
Total Organic Carbon	<0.50	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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