

1801 Hollis Street Suite 1220
Halifax NS
B3J 3N4
Phone: 902-423-6030
Fax: 902-423-6047

Principal

CP 88 Saulnierville 92448 Rte 1
Meteghan River NS
B0W 2Z0

Phone: 645-5500

Fax: 645-5505

WATER SAMPLE RESULTS REPORT
CONFIDENTIAL

Facility: Ecole Stella Maris*
Principal
Civic Address: 288 Peter Dugas Rd.
Meteghan NS
B0W 2J0
Registration # 2001-018543
Sample Location: (D) kitchen tap
Sample: AC46508
Sample Date: 06/10/13

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

Parameter	Value	Reported Units	Exceeds Guideline	GCDWQ Level	Health Objective
E.coli (Fecal Coliform) (P/A)	ABSENT				MAC
Total Coliform (P/A)	ABSENT				MAC
Free Chlorine Residual	0.2	mg/L		0.2 to 4.0 mg/L	

GCDWQ = Guidelines for Canadian Drinking Water Quality

MAC = Maximum Allowable Concentration IMAC = Interim Maximum Allowable Concentration AO = Aesthetic Objective

PRIVATE RESIDENCE

1. If any COLIFORMS (E.coli or Total) are present, water source should be disinfected or water boiled prior to consumption. Health Canada recommends that water contaminated with any coliforms be maintained at a rolling boil for at least 1 minutes prior to being consumed.
2. Refer to the provided information regarding suggested safety measures. After disinfection, resample at all regular sampling locations as soon as possible.
3. Contact the NS Department of Health or the NS Department of Environment for additional information, including disinfection instructions or check their website (<http://www.gov.ns.ca/nse/water/privatewells.asp>).

NSDE REGISTERED PUBLIC DRINKING WATER SOURCES

1. Owners of Registered public drinking water supplies are required to immediately report positive results to their local Department of Environment (NSDE) office. If the local office cannot be reached, the NSDE Environmental toll free number is 1-877-936-8476. Registered public drinking water sources are also required to resample within 24-hours of receiving notification of presence of any coliforms and forward results immediately to NSDOE.
2. If any COLIFORMS (E.coli or Total) are present initiate a BOIL WATER ADVISORY. Health Canada recommends that water contaminated with any coliforms be maintained at a rolling boil for at least 1 minutes prior to being consumed.
3. Contact the NS Department of Health or the NS Department of Environment for additional information, including disinfection instructions or check their website (<http://www.gov.ns.ca/nse/>).

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 Civic Address: 288 Peter Dugas Rd.
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 Registration # 2001-018543
 Sample Location: (D) kitchen tap-pre
 Sample: AC46509
 Sample Date: 06/10/13

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

Parameter	Value	Reported Units	Exceeds Guideline	GCDWQ Level	Health Objective
Sodium	50400	ug/L		200.0 mg/L	AO
Potassium	127	ug/L			
Calcium	502	ug/L			
Magnesium	281	ug/L			
Alkalinity (as CaCO3)	62	mg/L			
Sulfate	26	mg/L		500.0 mg/L	AO
Chloride	19	mg/L		250.0 mg/L	AO
Reactive Silica (as SiO2)	7	mg/L			
Ortho Phosphate (as P)	<0.010	mg/L			
Nitrite	<0.010	mg/L			
Nitrate + Nitrite (as N)	0.13	mg/L		10.0 mg/L	
Nitrate (as N)	0.13	mg/L		10.0 mg/L	MAC
Ammonia (as N)	<0.050	mg/L			
Color	7.60000000	TCU		15.0 TCU	AO
Turbidity (at tap)	0.21	NTU		5.0 NTU	AO
Conductance (RCap)	230	uS/cm			
pH	7.3	pH		6.5 to 8.5 Units	AO
Hardness (as CaCO3)	2.4	mg/L			
Bicarbonate (as CaCO3)	62	mg/L			
Carbonate (as CaCO3)	<1.0	mg/L			
TDS (Calculated)	141	mg/L		500.0 mg/L	AO
Cation Sum	2.27	me/L			
Anion Sum	2.32	me/L			
Ion Balance	1.09	%			
Langlier Index @ 4C	-2.82	N/A			
Langlier Index @ 20C	-2.57	N/A			
Saturation pH @ 4C	10.1	N/A			
Saturation pH @ 20C	9.86999999	N/A			
Fluoride	0.28	mg/L		1.5 mg/L	MAC
Aluminum	5.9	ug/L		100.0 ug/L	OGV
Antimony	<1.0	ug/L		6.0 ug/L	IMAC

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Parameter	Value	Reported Units	Exceeds Guideline	GCDWQ Level	Health Objective
Arsenic	<1.0	ug/L		10.0 ug/L	IMAC
Barium	2.5	ug/L		1000 ug/L	MAC
Beryllium	<1.0	ug/L			
Bismuth	<2.0	ug/L			
Boron	50	ug/L		5000 ug/L	IMAC
Cadmium	<0.017	ug/L		5.0 ug/L	MAC
Chromium	<1.0	ug/L		50.0 ug/L	MAC
Cobalt	<0.40	ug/L			
Copper	19.5	ug/L		1000 ug/L	AO
Iron	590	ug/L	Yes	300.0 ug/L	AO
Lead	5.06	ug/L		10.0 ug/L	MAC
Manganese	46.8	ug/L		50.0 ug/L	AO
Molybdenum	<2.0	ug/L			
Nickel	<2.0	ug/L			
Selenium	<1.0	ug/L		10.0 ug/L	MAC
Silver	<0.10	ug/L			
Strontium	3.7	ug/L			
Thallium	<0.10	ug/L			
Tin	<2.0	ug/L			
Titanium	<2.0	ug/L			
Uranium	<0.10	ug/L		20.0 ug/L	IMAC
Vanadium	<2.0	ug/L			
Zinc	9.9	ug/L		5000 ug/L	AO
Phosphorus	<100	ug/L			
Total Organic Carbon	<0.50	mg/L			

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/privatewells.asp>

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.



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for the parameters below. (See Exceeds Standard Column)

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. "Blank space" 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

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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 Registration # 2001-018543
 Sample Location: kitchen tap-post
 Sample: AC46510
 Sample Date: 06/10/13

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

Parameter	Value	Reported Units	Exceeds Guideline	GCDWQ Level	Health Objective
Sodium	50100	ug/L		200.0 mg/L	AO
Potassium	134	ug/L			
Calcium	466	ug/L			
Magnesium	280	ug/L			
Alkalinity (as CaCO3)	61	mg/L			
Sulfate	26	mg/L		500.0 mg/L	AO
Chloride	19	mg/L		250.0 mg/L	AO
Reactive Silica (as SiO2)	7.10000000	mg/L			
Ortho Phosphate (as P)	<0.010	mg/L			
Nitrite	<0.010	mg/L			
Nitrate + Nitrite (as N)	<0.050	mg/L		10.0 mg/L	
Nitrate (as N)	<0.050	mg/L		10.0 mg/L	MAC
Ammonia (as N)	<0.050	mg/L			
Color	7	TCU		15.0 TCU	AO
Turbidity (at tap)	0.22	NTU		5.0 NTU	AO
Conductance (RCap)	220	uS/cm			
pH	7.29	pH		6.5 to 8.5 Units	AO
Hardness (as CaCO3)	2.3	mg/L			
Bicarbonate (as CaCO3)	61	mg/L			
Carbonate (as CaCO3)	<1.0	mg/L			
TDS (Calculated)	140	mg/L		500.0 mg/L	AO
Cation Sum	2.25	me/L			
Anion Sum	2.31	me/L			
Ion Balance	1.32	%			
Langlier Index @ 4C	-2.87	N/A			
Langlier Index @ 20C	-2.62	N/A			
Saturation pH @ 4C	10.2	N/A			
Saturation pH @ 20C	9.91	N/A			
Fluoride	0.28	mg/L		1.5 mg/L	MAC
Aluminum	<5.0	ug/L		100.0 ug/L	OGV
Antimony	<1.0	ug/L		6.0 ug/L	IMAC

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Parameter	Value	Reported Units	Exceeds Guideline	GCDWQ Level	Health Objective
Arsenic	<1.0	ug/L		10.0 ug/L	IMAC
Barium	2.4	ug/L		1000 ug/L	MAC
Beryllium	<1.0	ug/L			
Bismuth	<2.0	ug/L			
Boron	<50	ug/L		5000 ug/L	IMAC
Cadmium	<0.017	ug/L		5.0 ug/L	MAC
Chromium	<1.0	ug/L		50.0 ug/L	MAC
Cobalt	<0.40	ug/L			
Copper	39.8	ug/L		1000 ug/L	AO
Iron	500	ug/L	Yes	300.0 ug/L	AO
Lead	0.68	ug/L		10.0 ug/L	MAC
Manganese	46.3	ug/L		50.0 ug/L	AO
Molybdenum	<2.0	ug/L			
Nickel	<2.0	ug/L			
Selenium	<1.0	ug/L		10.0 ug/L	MAC
Silver	<0.10	ug/L			
Strontium	3.4	ug/L			
Thallium	<0.10	ug/L			
Tin	<2.0	ug/L			
Titanium	<2.0	ug/L			
Uranium	<0.10	ug/L		20.0 ug/L	IMAC
Vanadium	<2.0	ug/L			
Zinc	29.9	ug/L		5000 ug/L	AO
Phosphorus	<100	ug/L			
Total Organic Carbon	<0.50	mg/L			

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/privatewells.asp>

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