

Agrichem Analytical Drinking Water Report

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current treatment
unknown

sample 70833
date received 12-Apr-12
time/temperature 12:30 9 °C
date of report 18-Apr-12
sampled by agrichem

Potable Water Quality Standards

	<i>Health Canada (2008)</i>	<i>Island Trust (2001)</i>
<i>Total Coliforms</i>	0 MPN/100ml	0
<i>E. coli</i>	0 MPN/100ml	0
<i>pH</i>	7.27	6.5 to 8.5 *
<i>Conductivity</i>	273 uS/cm	no limit set
<i>Total Dissolved Solids (TDS)</i>	181 mg/L	500*
<i>Hardness (as CaCO3)</i>	106 mg/L	80-100
<i>Alkalinity (as CaCO3)</i>	100 mg/L	no limit set
<i>Residual Chlorine</i>	0.2 mg/L	0
<i>Turbidity</i>	1.48 NTU	****
<i>Fluoride (F)</i>	< 0.02 mg/L	1.5 **
<i>Chloride</i>	6.81 mg/L	250 *
<i>Nitrate (N)</i>	< 0.01 mg/L	10 **
<i>Nitrite (N)</i>	< 0.01 mg/L	3.2 **
<i>Phosphate (P)</i>	< 0.02 mg/L	no limit set
<i>Sulphate (S)</i>	2.26 mg/L	500 *
<i>Sodium (Na)</i>	13 mg/L	200 ***
<i>Potassium (K)</i>	0.6 mg/L	no limit set
<i>Magnesium (Mg)</i>	9 mg/L	500 *
<i>Calcium (Ca)</i>	27.7 mg/L	no limit set
<i>Iron (Fe)</i>	0.27 mg/L	0.3 *
<i>Copper (Cu)</i>	< 0.01 mg/L	1 *
<i>Manganese (Mn)</i>	< 0.01 mg/L	0.05 *
<i>Zinc (Zn)</i>	0.03 mg/L	5 *
<i>Arsenic (As)</i>	< 1 ug/l	10**
<i>Lead (Pb)</i>	< 2 ug/L	10**

< is "less than " > is "greater than "

* aesthetic - no health risk

** maximum

*** 20 mg/L for restricted diets

**** surface water or surface influenced groundwater (drilled well) source 1 NTU **

secure groundwater (drilled well) source 5 NTU *

the presence of Total Coliform bacteria indicates surface influenced water source

For the Total Coliforms and E. coli method, 0 is UNDETECTED and is technically < 1 MPN/100ml

This water sample meets the Health Canada Guidelines for Potability for all parameters tested. The following parameters have not met the Aesthetic Objectives: hardness - this is not a Health concern and may only contribute to an undesirable smell, taste or color or may cause scale buildup on appliances.