

Agrichem Analytical Drinking Water Report

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Salt Spring Water Co
glass carboy McK+L

current treatment
unknown

sample 60709
date received 03-Dec-10
time/temperature 17:00 9 °C
date of report 10-Dec-10
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	0
<i>E. coli</i>	0 MPN/100ml	0	0
<i>pH</i>	7.13	6.5 to 8.5 *	6.5 to 8.5 *
<i>Conductivity</i>	232 uS/cm	700 **	
<i>Total Dissolved Solids (by calculation)</i>	157 mg/L	500	500
<i>Hardness (as CaCO3)</i>	97 mg/L	80-100	80-100
<i>Alkalinity (as CaCO3)</i>	86 mg/L	no limit set	
<i>Residual Chlorine</i>	< 0.02 mg/L		0
<i>Turbidity</i>	0.06 NTU	****	1
<i>Fluoride (F)</i>	0.06 mg/L	1.5 **	1.5
<i>Chloride</i>	5.5 mg/L	250 *	250 *
<i>Nitrate (N)</i>	0.18 mg/L	10 **	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>	2.12 mg/L	500 *	no limit set
<i>Sodium (Na)</i>	7 mg/L	200 ***	500 *
<i>Potassium (K)</i>	0.8 mg/L	no limit set	200 ***
<i>Magnesium (Mg)</i>	3.8 mg/L	500 *	
<i>Calcium (Ca)</i>	32.5 mg/L	no limit set	
<i>Iron (Fe)</i>	< 0.03 mg/L	0.3 *	0.3 *
<i>Copper (Cu)</i>	< 0.01 mg/L	1 *	
<i>Manganese (Mn)</i>	< 0.01 mg/L	0.05 *	0.05 *
<i>Zinc (Zn)</i>	< 0.01 mg/L	5 *	
<i>Arsenic (As)</i>	< 1 ug/l	10**	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.