

Agrichem Analytical Drinking Water Report

409 Stewart Rd
Salt Spring Island, BC
V8K 1Y6

Phone/Fax: 250.538.1712
web: www.agrichem.ca
email: info@agrichem.ca

Salt Spring Water Co
239 Armand Way filler

current treatment
sediment filter, UV

sample 72715
date received 13-Nov-12
time/temperature 12:30 8 °C
date of report 21-Nov-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	0
<i>E. coli</i>	0 MPN/100ml	0	0
<i>pH</i>	7.39	6.5 to 8.5 *	6.5 to 8.5 *
<i>Conductivity</i>	218 uS/cm	no limit set	
<i>Total Dissolved Solids (TDS)</i>	149 mg/L	500*	500*
<i>Hardness (as CaCO3)</i>	99 mg/L	80-100	80-100
<i>Alkalinity (as CaCO3)</i>	79 mg/L	no limit set	
<i>Residual Chlorine</i>	< 0.02 mg/L		0
<i>Turbidity</i>	< 0.05 NTU	****	1
<i>Fluoride (F)</i>	0.08 mg/L	1.5 **	1.5
<i>Chloride</i>	6.7 mg/L	250 *	250 *
<i>Nitrate (N)</i>	0.29 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>	2.52 mg/L	500 *	no limit set
<i>Sodium (Na)</i>	5 mg/L	200 ***	500 *
<i>Potassium (K)</i>	0.8 mg/L	no limit set	200 ***
<i>Magnesium (Mg)</i>	3.7 mg/L	500 *	
<i>Calcium (Ca)</i>	33.7 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>	0.02 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.