

Client/Code

SaltSpring Water Co
 Attn: Edward Andringa
 239 Armand Way
 SaltSpring, BC
 VBK 2B6

Date 07Jun16 12:22p
 Source Spring
 Type of Sample water
 No. of Samples 1

No. W127194 pg2

TEL: 250-538-2353
 ea.sswatercompany@gmail.com

Comments Arrival temp.: 10.0C
 INV

Sample: Bottling Plant 07Jun16 08:00a

ELEMENTS		SAMPLE	UNITS	Maximum Limits Permissible In Drinking Water*
1) Aluminium	Al	<0.010	mg/L	no limit listed
2) Antimony	Sb	<0.500	ug/L	6.00 ug/L
3) Arsenic	As	<0.500	ug/L	10.0 ug/L
4) Barium	Ba	<0.009	mg/L	1.00 mg/L
5) Beryllium	Be	0.026	mg/L	no limit listed
6) Boron	B	<0.050	mg/L	5.00 mg/L
7) Cadmium	Cd	<0.100	ug/L	5.00 ug/L
8) Calcium	Ca	28.7	mg/L	200 mg/L
9) Chromium	Cr	<0.010	mg/L	0.050 mg/L
10) Cobalt	Co	<0.020	mg/L	no limit listed
11) Copper	Cu	<0.008	mg/L	1.00 mg/L
12) Gold	Au	<0.040	mg/L	no limit listed
13) Iron	Fe	<0.010	mg/L	0.300 mg/L
14) Lanthanum	La	<0.020	mg/L	no limit listed
15) Lead	Pb	<0.500	ug/L	10.0 ug/L
16) Magnesium	Mg	4.04	mg/L	50.0 mg/L
17) Manganese	Mn	<0.004	mg/L	0.050 mg/L
18) Molybdenum	Mo	<0.020	mg/L	no limit listed
19) Nickel	Ni	<0.050	mg/L	no limit listed
20) Phosphorus	P	0.017	mg/L	no limit listed
21) Potassium	K	0.806	mg/L	no limit listed
22) Scandium	Sc	<0.050	mg/L	no limit listed
23) Silicon	Si	3.21	mg/L	no limit listed
24) Silver	Ag	<0.010	mg/L	0.050 mg/L
25) Sodium	Na	3.18	mg/L	200 mg/L
26) Strontium	Sr	<0.002	mg/L	no limit listed
27) Titanium	Ti	<0.010	mg/L	no limit listed
28) Tungsten	W	<0.050	mg/L	no limit listed
29) Vanadium	V	<0.010	mg/L	no limit listed
30) Zinc	Zn	0.052	mg/L	5.00 mg/L
Hardness (mg/L CaCO ₃)		88.4	mg/L	75-150 mg/L = moderately hard
pH		6.69	units	6.5 to 8.5

* As per Canadian or B.C. Health Act Safe Drinking Water Regulation BC Reg 230/92, & 390 Sch 120, 2001. Task Force of Canadian Council of Resource & Envir. Ministers Guidelines for Canadian Drinking Water Quality, 2014.

Comments:

All constituents tested meet Canadian and B.C. drinking water standards.

R. Bilodeau
 Analytical Chemist

H. Hartmann
 Sr. Analytical Chemist



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Site Code	Date	Time	CFU/100 ml		CFU/100 ml		CFU/100 ml
			TC	T-NC	FC	F-NC	E.coli
Bottling Plant	07Jun16	08:00a	0	0	0	0	0

TC = total coliform bacteria
FC = fecal coliform bacteria (aka thermotolerant coliforms)
NC = non-coliform bacteria
CFU/100 ml = colony forming units per 100 milli-litres

Results may be adversely affected if samples are submitted to the laboratory more than 24 to 30 hours after collection.

E. coli = Escherichia coli, FDA/BAM 8th ed, 1995 + Revision A, 1998
Bergy's Manual of Systematic Bacteriology vol 1, ADAC 1984; J.Clin.Micro.,
J.Intern.Systm.Bact.

Comments:

For Interpretation of Results:

Total or Fecal Coliforms present greater than 0 CFU/100mL (0 CFU/mL):
IF Coliform numbers exceed safe limits for drinking water-
water is not suitable for drinking without treatment.

Total Non-coliform bacteria (=Lactose Fermentors) equal to or greater than
200 CFU/100mL (2.0 CFU/mL):
IF the number of organisms present exceed recommended guidelines for
drinking water; treatment is strongly recommended.

- see following page for chemistry results -

K. Paneque Martinez
Microbiologist

W. Riggs
Sr. Microbiologist



MB LABS LTD.
ANALYTICAL & TESTING SERVICES

P.O. BOX 2103, SIDNEY, B.C. V8L 3S6

TEL: (250) 656-1334 FAX: 656-0443