

Client/Code

Salt Spring Water Co.

Date 01Mar22 2:54p
Source UV Treated
Type of Sample water
No. of Samples 1

No. W166749

TEL: 250 538-0102
rhonanmann@yahoo.ca

Comments Arrival temp.: 9.6C
Fd 0103G B1058

Site Code	Date	Time	CFU/100 ml		CFU/100 ml		CFU/100 ml
			TC	T-NC	FC	F-NC	E.coli
Filler Hose	01Mar22	12:15P	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 9th ed, Oct 2020

Bergey's Manual of Systematic Bacteriology vol 1, AOAC 1984; J.Clin.Micro., J.Intern.System.Bact.

Comments:

For Interpretation of Results:

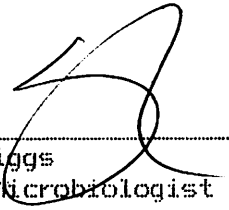
Total or Fecal Coliforms present greater than 0 CFU/100mL (0 CFU/mL):

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 --



W. Riggs
Sr. Microbiologist



Client/Code

Salt Spring Water Co.

Date 01Mar22 2:54p
Source Well
Type of Sample water
No. of Samples 1

No. W166749 pg2

TEL: 250 538-0102
rhoneanmann@yahoo.caComments Arrival temp.: 9.6C
Fd 0103G R105B

Sample: Filler Hose UV treated 01Mar22 12:15F

ELEMENTS		SAMPLE	UNITS	Maximum Limits In Drinking Water*
1) Aluminium	Al	0.084	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	2.00 mg/L
5) Beryllium	Be	<0.003	mg/L	no limit listed
6) Boron	B	<0.050	mg/L	5.00 mg/L
7) Cadmium	Cd	<0.010	ug/L	7.00 ug/L
8) Calcium	Ca	41.2	mg/L	200 mg/L
9) Chromium	Cr	<0.003	mg/L	0.050 mg/L
10) Cobalt	Co	<0.005	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	0.019	mg/L	0.300 mg/L
14) Lanthanum	La	<0.020	mg/L	no limit listed
15) Lead	Pb	<0.500	ug/L	5.00 ug/L
16) Magnesium	Mg	3.27	mg/L	50.0 mg/L
17) Manganese	Mn	0.005	mg/L	0.120 MAC 0.020 AD
18) Mercury	Hg	<0.010	ug/L	1.00 ug/L
19) Molybdenum	Mo	<0.005	mg/L	no limit listed
20) Nickel	Ni	<0.004	mg/L	no limit listed
21) Phosphorus	P	<0.010	mg/L	no limit listed
22) Potassium	K	0.630	mg/L	no limit listed
23) Scandium	Sc	<0.050	mg/L	no limit listed
24) Selenium	Se	<0.500	ug/L	5.0 ug/L
25) Silicon	Si	4.68	mg/L	no limit listed
26) Silver	Ag	<0.010	mg/L	no limit listed
27) Sodium	Na	6.08	mg/L	200 mg/L
28) Strontium	Sr	0.050	mg/L	no limit listed
29) Tin	Sn	<0.020	mg/L	no limit listed
30) Titanium	Ti	<0.010	mg/L	no limit listed
31) Tungsten	W	<0.050	mg/L	no limit listed
32) Vanadium	V	<0.010	mg/L	no limit listed
33) Zinc	Zn	0.013	mg/L	5.00 mg/L
Hardness (mg/L CaCO ₃)		116	mg/L	75-150 mg/L = mod.hard
pH		7.13	units	7.0 to 10.5

* As per Canadian or B.C. Health Act Safe Drinking Water Regulation BC Reg 230/92, & 390 Sch 120, 2001. Task Force of the Canadian Council of Resource and Environment Ministers - Guidelines for Canadian Drinking Water Quality, 2020.

Comments:

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



ANALYTICAL & TESTING SERVICES

R. Bilodeau
Analytical Chemist

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H. Hartmann
Sr. Analytical Chemist

TEL: (250) 656-1334 EMAIL: info@mblabs.com

Client/Code

Salt Spring Water Co.

Date 01Mar22 2:54p
Source Well
Type of Sample water
No. of Samples 1

No. W166749 pg3

TEL: 250 538-0102
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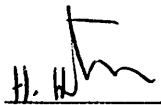
Comments Arrival temp.: 9.6C
Pd 0103G B1058

SAMPLE	DATE	TIME	Alkalinity (mg/L)	Cl ⁻ (mg/L)	F ⁻ (mg/L)	NO ₃ -N (ug/L)	NO ₂ -N (ug/L)
Filler Hose	01Mar22	12:15P	170	5.66	0.072	380	0.400
Lab Blank			ND	ND	ND	ND	ND
S _o			0.100	0.015	0.007	0.160	0.300
REF. VALUE			100	10.0	1.00	100	10.0
STD ± 2SD			108 ± 7.99	10.4 ± 0.812	0.992 ± 0.080	107 ± 7.22	9.85 ± 0.699

SAMPLE	DATE	TIME	SO ₄ ²⁻ (mg/L)	T&L (mg/L)	TDS (mg/L)	Turbidity (NTU)
Filler Hose	01Mar22	12:15P	5.63	0.186	175	0.280
Lab Blank			ND	ND	ND	ND
S _o			0.075	0.070	0.010	0.015
REF. VALUE			10.0	1.00	200	0.500
STD ± 2SD			10.6 ± 0.722	1.04 ± 0.082	208 ± 17.2	0.470 ± 0.039

SD = standard deviation; REF VALUE = primary or secondary reference material
 STD = secondary standard calibrated to primary standard reference material
 S_o = standard deviation at zero analyte concentration; method detection limit
 is generally considered to be 3x S_o value
 ND = none detected n/a = not applicable

 R. Bilodeau
 Analytical Chemist



 H. Hartmann
 Sr. Analytical Chemist

