

Client/Code

N. Saltspring Waterworks - M
*A Meghan McKee, Dist. Manage(A)
761 Upper Ganges Rd.
Salt Spring Island, BC
V8K 1S1

Date 24Aug20 12:20p No. W155990
Source Well
Type of Sample water
No. of Samples 6

TEL: (250) 537-9902
group

Comments Arrival temp.: 11.5C
Sampler: Red

Sample: Scott Point Water District

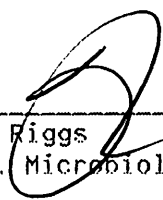
Site Code	Date	Time	CFU/100 ml		CFU/100 ml		CFU/100 mL
			TC	T-NC	FC	F-NC	E.coli
6 Marina Cr	20001	24Aug20 10:15a	0	0	0	0	0

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

- see following page for chemistry results -



W. Riggs
Sr. Microbiologist



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Date 24Aug20 12:20p
 Source Well
 Type of Sample water
 No. of Samples 6

No. W155990 pg2

TEL: (250) 537-9902
 group

Comments Arrival temp.: 11.5C
 Sampler: Red

Sample: Scott Point Water District 24Aug20 - 1) W-1&4 Trtd 3E079 09:55a 2) W-4 RAW 2CFF9 09:25a 3) W-3 Trtd Dis 2CFFC 09:05a
 4) W-3 RAW 2CFF8 09:00a 5) W-1 RAW 2CFF7 09:50a

ELEMENTS		1	2	3	4	5	UNITS	Maximum Limits Permissible
		SAMPLE	SAMPLE	SAMPLE	SAMPLE	SAMPLE		In Drinking Water*
1) Aluminium	Al	0.082	0.131	0.081	0.088	0.100	mg/L	no limit listed
2) Antimony	Sb	<0.500	<0.500	<0.500	<0.500	<0.500	ug/L	6.00 ug/L
3) Arsenic	As	<0.500	<0.500	<0.500	<0.500	<0.500	ug/L	10.0 ug/L
4) Barium	Ba	0.016	0.069	0.022	0.023	0.151	mg/L	1.00 mg/L
5) Beryllium	Be	<0.003	<0.003	<0.003	<0.003	<0.003	mg/L	no limit listed
6) Boron	B	0.241	0.105	0.123	0.129	0.343	mg/L	5.00 mg/L
7) Cadmium	Cd	<0.010	<0.010	<0.010	<0.010	<0.010	ug/L	5.00 ug/L
8) Calcium	Ca	91.1	160	42.6	40.6	405	mg/L	200 mg/L
9) Chromium	Cr	<0.010	<0.010	<0.010	<0.010	<0.010	mg/L	0.050 mg/L
10) Cobalt	Co	<0.020	<0.020	<0.020	<0.020	<0.020	mg/L	no limit listed
11) Copper	Cu	<0.008	<0.008	0.011	<0.008	<0.008	mg/L	1.00 mg/L
12) Gold	Au	<0.040	<0.040	<0.040	<0.040	<0.040	mg/L	no limit listed
13) Iron	Fe	<0.010	0.890	0.127	0.381	0.350	mg/L	0.300 mg/L
14) Lanthanum	La	<0.020	<0.020	<0.020	<0.020	<0.020	mg/L	no limit listed
15) Lead	Pb	<0.500	1.06	0.733	<0.500	0.924	ug/L	5.00 ug/L
16) Magnesium	Mg	13.5	32.7	8.46	8.08	93.2	mg/L	50.0 mg/L
17) Manganese	Mn	0.005	0.959	0.024	0.083	1.46	mg/L	0.120 MAC 0.020 AD
18) Mercury	Hg	<0.010	<0.010	<0.010	<0.010	<0.010	ug/L	1.00 ug/L
19) Molybdenum	Mo	<0.020	<0.020	<0.020	<0.020	<0.020	mg/L	no limit listed
20) Nickel	Ni	<0.050	<0.050	<0.050	<0.050	<0.050	mg/L	no limit listed
21) Phosphorus	P	<0.010	<0.010	<0.010	<0.010	<0.010	mg/L	no limit listed
22) Potassium	K	1.17	1.24	1.37	1.27	12.1	mg/L	no limit listed
23) Scandium	Sc	<0.050	<0.050	<0.050	<0.050	<0.050	mg/L	no limit listed
24) Selenium	Se	<0.500	<0.500	<0.500	<0.500	<0.500	ug/L	5.0 ug/L
25) Silicon	Si	1.36	10.3	8.40	8.08	6.19	mg/L	no limit listed
26) Silver	Ag	<0.010	<0.010	<0.010	<0.010	<0.010	mg/L	no limit listed
27) Sodium	Na	200	146	20.5	16.6	1640	mg/L	200 mg/L
28) Strontium	Sr	0.830	1.53	0.210	0.200	8.46	mg/L	no limit listed
29) Tin	Sn	<0.020	<0.020	<0.020	<0.020	<0.020	mg/L	no limit listed
30) Titanium	Ti	<0.010	<0.010	<0.010	<0.010	<0.010	mg/L	no limit listed
31) Tungsten	W	<0.050	<0.050	<0.050	<0.050	<0.050	mg/L	no limit listed
32) Vanadium	V	<0.010	<0.010	<0.010	<0.010	<0.010	mg/L	no limit listed
33) Zinc	Zn	0.022	0.026	0.025	0.016	0.019	mg/L	5.00 mg/L
Hardness (mg/L CaCO ₃)		283	534	141	135	1390	mg/L	150-300 mg/L = hard
pH		6.19	6.57	6.33	6.04	6.81	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 Canadian Council of Resource & Envir. Ministers Guidelines for Canadian Drinking Water Quality, 2019.

R. Bilodeau
 Analytical Chemist

H. Hartmann
 Sr. Analytical Chemist

