

N. Saltspring Waterworks - M  
\*A District Manager  
761 Upper Ganges Rd.  
Salt Spring Island, BC  
V8K 1S1

TEL: (250) 537-9902  
group

03Aug23 1:10p  
FWS  
water  
5

W175848

Arrival temp.: 9.0C  
Sampler: Red Oakes, Derek C.

Samples: Scott Point Water District

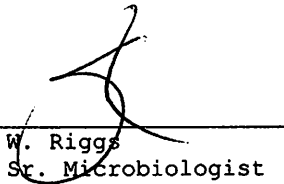
<u>Site Code</u>	<u>Date</u>	<u>Time</u>	<u>CFU/100 ml</u>		<u>CFU/100 ml</u>		<u>CFU/100 mL</u>
			<u>TC</u>	<u>T-NC</u>	<u>FC</u>	<u>F-NC</u>	<u>E.coli</u>
3 Marina Cr 2D001	03Aug23	09:18a	0	0	0	0	0

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

- see following page for chemistry results -



W. Riggs  
Sr. Microbiologist

M.B. LABS LTD  
T: 250 656-1334

E: info@mblabs.com

W: www.mblabs.com

N. Saltspring Waterworks - M  
 \*A District Manager  
 761 Upper Ganges Rd.  
 Salt Spring Island, BC  
 V8K 1S1

03Aug23 1:10p  
 FWS

W175848 pg2

water  
 5

TEL: (250) 537-9902  
 group


Arrival temp.: 9.0C  
 Sampler: Red Oakes, Derek C.

Samples: Scott Point 03Aug23 1) Well 1 Raw 2CFF7 08:50 2) Well 4 Raw 2CFF9 08:40  
 4) Well 1&4 3E079 08:51 ) Well 4 Post Filt. Pre-Chl 451C3 08:40

ELEMENTS		1	2	4	5	UNITS	Maximum Limits
		SAMPLE	SAMPLE	SAMPLE	SAMPLE		In Drinking Water*
1) Aluminum	Al	0.153	0.196	0.168	0.164	mg/L	no limit listed
2) Antimony	Sb	<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	ug/L	10.0 ug/L
4) Barium	Ba	0.152	0.079	0.050	0.071	mg/L	2.00 mg/L
5) Beryllium	Be	<0.003	<0.003	<0.003	<0.003	mg/L	no limit listed
6) Boron	B	0.729	0.645	0.556	0.552	mg/L	5.00 mg/L
7) Cadmium	Cd	<0.010	<0.010	<0.010	<0.010	ug/L	7.00 ug/L
8) Calcium	Ca	228	89.0	68.5	84.5	mg/L	200 mg/L
9) Chromium	Cr	<0.003	<0.003	<0.003	<0.003	mg/L	0.050 mg/L
10) Cobalt	Co	<0.005	<0.005	<0.005	<0.005	mg/L	no limit listed
11) Copper	Cu	0.009	<0.008	0.008	<0.008	mg/L	1.00 mg/L
12) Gold	Au	<0.040	<0.040	<0.040	<0.040	mg/L	no limit listed
13) Iron	Fe	0.314	0.902	0.061	0.660	mg/L	0.300 mg/L
14) Lanthanum	La	<0.020	<0.020	<0.020	<0.020	mg/L	no limit listed
15) Lead	Pb	<0.500	0.670	<0.500	<0.500	ug/L	5.00 ug/L
16) Magnesium	Mg	90.5	31.4	22.7	29.6	mg/L	50.0 mg/L
17) Manganese	Mn	1.56	1.04	0.364	0.952	mg/L	0.120 MAC 0.020 AO
18) Mercury	Hg	<0.010	<0.010	<0.010	<0.010	ug/L	1.00 ug/L
19) Molybdenum	Mo	<0.005	<0.005	<0.005	<0.005	mg/L	no limit listed
20) Nickel	Ni	<0.004	<0.004	<0.004	<0.004	mg/L	no limit listed
21) Phosphorus	P	<0.010	0.015	<0.010	<0.010	mg/L	no limit listed
22) Potassium	K	10.5	1.33	1.04	1.21	mg/L	no limit listed
23) Scandium	Sc	<0.050	<0.050	<0.050	<0.050	mg/L	no limit listed
24) Selenium	Se	<0.500	<0.500	<0.500	<0.500	ug/L	5.0 ug/L
25) Silicon	Si	5.91	9.26	6.36	8.54	mg/L	no limit listed
26) Silver	Ag	<0.010	<0.010	<0.010	<0.010	mg/L	no limit listed
27) Sodium	Na	1580	157	131	145	mg/L	200 mg/L
28) Strontium	Sr	8.46	1.70	1.20	1.59	mg/L	no limit listed
29) Tin	Sn	<0.020	<0.020	<0.020	<0.020	mg/L	no limit listed
30) Titanium	Ti	<0.010	<0.010	<0.010	<0.010	mg/L	no limit listed
31) Tungsten	W	<0.050	<0.050	<0.050	<0.050	mg/L	no limit listed
32) Vanadium	V	<0.010	<0.010	<0.010	<0.010	mg/L	no limit listed
33) Zinc	Zn	0.015	0.021	0.017	0.023	mg/L	5.00 mg/L
Hardness (mg/L CaCO <sub>3</sub> )		942	352	265	333	mg/L	>300 mg/L = v.hard
pH		7.57	7.21	7.98	7.33	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.

\_\_\_\_\_  
 R. Bilodeau  
 Analytical Chemist

  
 \_\_\_\_\_  
 H. Hartmann  
 Sr. Analytical Chemist

M.B. LABS LTD  
 T: 250 656-1334

E: info@mblabs.com

W: www.mblabs.com

N. Saltspring Waterworks - M  
\*A District Manager  
761 Upper Ganges Rd.  
Salt Spring Island, BC  
V8K 1S1

TEL: (250) 537-9902  
group

03Aug23 1:10p

W175848 pg3

FWS  
water  
5

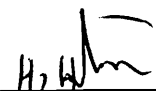
Arrival temp.: 9.0C  
Sampler: Red Oakes, Derek C.

Samples: Scott Point

<u>SAMPLE</u>	<u>DATE</u>	<u>TIME</u>	<u>TDS</u> <u>(mg/L)</u>
4 Well 1&4 3E079 Treated Blended	03Aug23	08:51a	863
5 Well 4 P F 451C3 Post Filter Pre Chl	03Aug23	08:40a	1124
Lab Blank			ND
So			0.010
REF. VALUE			2000
STD ± 2SD			1910 ± 155

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

\_\_\_\_\_  
R. Bilodeau  
Analytical Chemist

  
\_\_\_\_\_  
H. Hartmann  
Sr. Analytical Chemist

M.B. LABS LTD  
T: 250 656-1334

E: info@mblabs.com

W: www.mblabs.com