

Client/Code

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

Date 13Aug21 2:30p No. W163102
Source FWS
Type of Sample water
No. of Samples 6

TEL: (250) 537-9902
group

Comments Arrival temp.: 17.0C

Samples: 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 |
| 1 Marina Cr 20001 | 13Aug21 | 10:04a | 0 | 0 | 0 | 0 | 0 |

TC = total coliform bacteria

FC = fecal coliform bacteria (aka thermotolerant coliforms)

NC = non-coliform bacteria

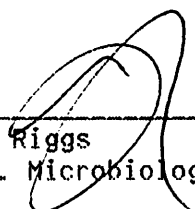
CFU/100 ml = colony forming units per 100 milli-litres

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.

- see following page for chemistry results -



W. Riggs
Sr. Microbiologist



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

Date 13Aug21 2:30p
 Source FWS
 Type of Sample water
 No. of Samples 6

No. W163102 pg2

TEL: (250) 537-9902
 group

Comments Arrival temp.: 17.0C

Samples: Scott Point - 2) Well 1 RAW 2CFF7 13Aug21 09:50a 3) Well 4 RAW 2CFF9 13Aug21 09:20a

4) Well 3 Trtd Dis 2CFFC 13Aug21 10:12a 5) Well 1 Trtd 2CFFA 09:55a 6) Well 4 Trtd 20081 09:20a

| ELEMENTS | | SAMPLE | | | | | | UNITS | Maximum limits Permissible |
|-----------------------|----|--------|--------|--------|--------|--------|--------------------|-----------------------|----------------------------|
| | | 2 | 3 | 4 | 5 | 6 | In Drinking Water* | | |
| 1) Aluminium | Al | 0.096 | 0.107 | 0.088 | 0.090 | 0.087 | 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 | 0.160 | 0.072 | 0.027 | 0.034 | 0.045 | 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 | 0.357 | 0.111 | 0.153 | 0.173 | 0.133 | 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 | 325 | 124 | 35.1 | 93.3 | 112 | mg/L | 200 mg/L | |
| 9) Chromium | Cr | <0.003 | <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 | <0.005 | mg/L | no limit listed | |
| 11) Copper | Cu | <0.008 | <0.008 | 0.008 | 0.034 | 0.015 | 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 | 0.360 | 0.900 | 0.032 | 0.109 | <0.010 | 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 | 1.49 | <0.500 | 1.66 | 17.0 | 1.14 | ug/L | 5.00 ug/L | |
| 16) Magnesium | Mg | 137 | 46.5 | 12.7 | 33.3 | 42.1 | mg/L | 50.0 mg/L | |
| 17) Manganese | Mn | 1.55 | 1.01 | 0.005 | 0.017 | <0.004 | 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 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | mg/L | no limit listed | |
| 20) Nickel | Ni | <0.004 | <0.004 | <0.004 | <0.004 | <0.004 | mg/L | no limit listed | |
| 21) Phosphorus | P | 0.014 | 0.036 | <0.010 | <0.010 | 0.010 | mg/L | no limit listed | |
| 22) Potassium | K | 11.9 | 1.25 | 1.56 | 4.76 | 12.5 | 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 | 5.00 ug/L | |
| 25) Silicon | Si | 5.66 | 9.60 | 8.49 | 6.21 | 7.99 | 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 | 1630 | 137 | 19.9 | 109 | 139 | mg/L | 200 mg/L | |
| 28) Strontium | Sr | 9.40 | 1.63 | 0.260 | 1.11 | 1.47 | mg/L | no limit listed | |
| 29) Tin | Sn | <0.020 | <0.020 | <0.020 | <0.020 | <0.020 | ug/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 | 0.021 | 0.021 | 0.019 | 0.083 | 0.020 | mg/L | 5.00 mg/L | |
| Hardness (mg/L CaCO3) | | 1380 | 501 | 140 | 370 | 453 | mg/L | >300 mg/L = very hard | |
| pH | | 6.98 | 6.87 | 6.46 | 6.58 | 6.75 | units | 7.0 to 10.5 | |

Well 1 Retest Aug 30
 Pb=0.02ug/L

* 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



Client/Code

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*A Distict Manager
761 Upper Ganges Rd.
Salt Spring Island, BC
V8K 1S1

Date 13Aug21 2:30p No. W163102 pg3
Source FWS
Type of Sample water
No. of Samples 6

TEL: (250) 537-9902
group


Comments Arrival temp.: 17.0C

Samples: Scott Point Water District

| <u>SAMPLE</u> | <u>DATE</u> | <u>TIME</u> | <u>TDS</u> <u>(mg/L)</u> |
|------------------|-------------|----------------|-----------------------------|
| 2 Well 1 RAW | 2CFF7 | 13Aug21 09:50a | 7064 |
| 3 Well 4 RAW | 2CFF9 | 13Aug21 09:20a | 1031 |
| 4 Well3 Trtd Dis | 2CFFC | 13Aug21 10:12a | 184 |
| 5 Well 1 Trtd | 2CFFA | 13Aug21 09:55a | 772 |
| 6 Well 4 Trtd | 20081 | 13Aug21 09:20a | 994 |
| Lab Blank | | | ND |
| | | | |
| S _o | | | 0.010 |
| | | | |
| REF. VALUE | | | 2000 |
| STD ± 2SD | | | 1948 ± 166 |

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

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Sr. Analytical Chemist

