



# Regional District of Nanaimo - Water Services Department

## Surfside Water Analysis - 2019 Monthly Report



Date	Sample Location (Address)	Health Department		In-House									
		E. coli *	Total Coliform *	E.coli *	Total Coliform *	Temp. (°C)	pH	Free Chlorine Residual (mg/L)	Total Dissolved Solids (mg/L)	Salinity (%)	Conductivity (µS/cm)	Total Iron (mg/L)	Manganese (mg/L)
5-Mar-19	1105 Surfside	0	0	0	0	6	6.77	0.17	74.2	0.07	153.5	0.05	0.000
	<b>Average</b>	0	0	0	0	6.0	6.8	0.17	74.2	0.07	153.5	0.05	0.000
	<b>Maximum</b>	0	0	0	0	6	6.77	0.17	74.2	0.07	153.5	0.05	0.000
	<b>Minimum</b>	0	0	0	0	6	6.77	0.17	74.2	0.07	153.5	0.05	0.000

Red font indicates non-compliance with Canadian Drinking Water Guidelines

Aesthetic Objective for Iron is ≤0.3 mg/L

Aesthetic Objective for Manganese is ≤0.05mg/L

\*Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

Yellow Column Coliform tests are completed by Health Department

Blue column tests are completed by RDN

**Comments:**

Iron and manganese are found naturally in drinking water. Levels found in these samples are not a health concern.



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4-Feb-19	923 McFeely	0	0	0	0	6	6.85	0.39	84.5	0.08	177.7		
11-Feb-19	1105 Surfside	0	0	0	0	5	6.79	0.34	78.7	0.08	166.4	0.04	0.030
19-Feb-19	962 Surfside	0	0	0	0		6.80	0.46	73.0	0.07	154.1		
	<b>Average</b>	0	0	0	0	5.5	6.8	0.40	78.7	0.08	166.1	0.04	0.030
	<b>Maximum</b>	0	0	0	0	6	6.85	0.46	84.5	0.08	177.7	0.04	0.030
	<b>Minimum</b>	0	0	0	0	5	6.79	0.34	73.0	0.07	154.1	0.04	0.030

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7-Jan-19	923 McFeely	0	0	0	0	7	6.68	0.43	70.4	0.07	149.0	0.04	0.027
14-Jan-19	1105 Surfside	0	0	0	0	7	6.87	0.36	80.0	0.08	168.8		
21-Jan-19	962 Surfside	0	0	0	0	6	6.64	0.41	72.1	0.07	152.3		
28-Jan-19	923 McFeely			0	0	6	6.71	0.37	79.0	0.08	161.0		
	<b>Average</b>	0	0	0	0	6.5	6.7	0.39	75.4	0.08	157.8	0.04	0.027
	<b>Maximum</b>	0	0	0	0	7	6.87	0.43	80	0.08	168.8	0.04	0.027
	<b>Minimum</b>	0	0	0	0	6	6.64	0.36	70.4	0.07	149	0.04	0.027

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