



Regional District of Nanaimo - Water Services Department

Melrose Terrace 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	3927 Melrose	0	0	0	0	5	7.24	0.01	209.0	0.21	434.0	0.02	0.010
	Average	0	0	0	0	5.0	7.2	0.01	209.0	0.21	434.0	0.02	0.010
	Maximum	0	0	0	0	5	7.24	0.01	209.0	0.21	434.0	0.02	0.010
	Minimum	0	0	0	0	5	7.24	0.01	209.0	0.21	434.0	0.02	0.010

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	3927 Melrose	0	0	0	0	6	7.47	0.02	227.0	0.23	471.0		
11-Feb-19	3927 Melrose			0	0	7	7.34	0.02	219.0	0.22	454.0	0.01	0.036
19-Feb-19	3927 Melrose			0	0		7.33	0.02	220.0	0.22	456.0		
25-Feb-19	3927 Melrose			0	0	5	7.24	0.02	215.0	0.21	446.0		
	Average	0	0	0	0	6.0	7.3	0.02	220.3	0.22	456.8	0.01	0.036
	Maximum	0	0	0	0	7	7.47	0.02	227.0	0.23	471.0	0.01	0.036
	Minimum	0	0	0	0	5	7.24	0.02	215.0	0.21	446.0	0.01	0.036

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7-Jan-19	3927 Melrose	0	0	0	0	6	7.51	0.01	230.0	0.23	476.0	0.08	0.029
14-Jan-19	3927 Melrose	0	0	0	0	7	7.55	0.02	236.0	0.24	487.0		
21-Jan-19	3927 Melrose			0	0	6	7.45	0.02	234.0	0.23	484.0		
28-Jan-19	3927 Melrose			0	0	8	7.46	0.01	239.0	0.28	489.0		
	Average	0	0	0	0	7	7.5	0.02	234.8	0.25	484.0	0.08	0.029
	Maximum	0	0	0	0	8	7.55	0.02	239.0	0.28	489.0	0.08	0.029
	Minimum	0	0	0	0	6	7.45	0.01	230.0	0.23	476.0	0.08	0.029

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