



Regional District of Nanaimo - Water Services Department

Decourcey 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)
4-Mar-19	2458 Pylades			0	1	4	7.50	0.02	318.0	0.32	652.0	0.00	0.016
	Average	#DIV/0!	#DIV/0!	0	1	4.0	7.5	0.02	318.0	0.32	652.0	0.00	0.016
	Maximum	0	0	0	1	4	7.5	0.02	318.0	0.32	652.0	0.00	0.016
	Minimum	0	0	0	1	4	7.5	0.02	318.0	0.32	652.0	0.00	0.016

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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5-Feb-19	2458 Pylades			0	0	5	7.65	0.02	341.0	0.34	699.0	0.01	0.025
12-Feb-19	2458 Pylades	0	0	0	0	5	7.61	0.02	339.0	0.35	715.0		
20-Feb-19	2458 Pylades			0	0	7	7.75	0.00	358.0	0.36	737.0		
26-Feb-19	2458 Pylades			0	1		7.31	0.01	313.0	0.30	645.0		
28-Feb-19	2458 Pylades. RE			0	0		7.44	0.03	308.0	0.31	632.0		
	Average	0	0	0	0.20	5.7	7.6	0.02	331.8	0.33	685.6	0.01	0.025
	Maximum	0	0	0	1	7	7.75	0.03	358.0	0.36	737.0	0.01	0.025
	Minimum	0	0	0	0	5	7.31	0	308.0	0.3	632.0	0.01	0.025

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8-Jan-19	2458 Pylades	0	0	0	0	6	7.46	0.01	343.0	0.35	700.0	0.00	0.021
15-Jan-19	2458 Pylades			0	0	6	7.40	0.01	338.0	0.34	693.0		
22-Jan-19	2458 Pylades			0	0	5	7.25	0.01	341.0	0.34	703.0		
29-Jan-19	2458 Pylades			0	0	5	7.65	0.02	341.0	0.34	699.0		
	Average	0	0	0	0	6	7.4	0.01	340.8	0.34	698.8	0.00	0.021
	Maximum	0	0	0	0	6	7.65	0.02	343.0	0.35	703.0	0.00	0.021
	Minimum	0	0	0	0	5	7.25	0.01	338.0	0.34	693.0	0.00	0.021

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