



Regional District of Nanaimo - Water Services Department

Englishman River 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	1969 Kaye	0	0	0	0	4	7.50	0.02	318.0	0.32	652.0	0.00	0.016
	Average	0	0	0	0	4.0	7.5	0.02	318.0	0.32	652.0	0.00	0.016
	Maximum	0	0	0	0	4	7.5	0.02	318.0	0.32	652.0	0.00	0.016
	Minimum	0	0	0	0	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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4-Feb-19	1969 Kaye	0	0	0	0	7	7.55	0.74	258.0	0.26	532.0		
11-Feb-19	2235 Rascal			0	0	7	7.60	0.80	255.0	0.25	526.0	0.01	0.042
19-Feb-19	2235 Rascal	0	0	0	0		8.01	0.74	259.0	0.26	535.0		
25-Feb-19	1969 Kaye			0	0	4	7.69	0.74	255.0	0.25	528.0		
	Average	0	0	0	0	6.0	7.7	0.76	256.8	0.26	530.3	0.01	0.042
	Maximum	0	0	0	0	7	8.01	0.8	259.0	0.26	535.0	0.01	0.042
	Minimum	0	0	0	0	4	7.55	0.74	255.0	0.25	526.0	0.01	0.042

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7-Jan-19	1969 Kaye	0	0	0	0	6	8.00	0.76	259.0	0.26	534.0	0.02	0.045
14-Jan-19	2235 Rascal	0	0	0	0	7	8.10	0.78	259.0	0.26	535.0		
21-Jan-19	1969 Kaye			0	0	6	7.96	0.72	259.0	0.26	535.0		
28-Jan-19	2235 Rascal			0	0	7	7.91	0.66	262.0	0.25	539.0		
	Average	0	0	0	0	6.5	8.0	0.73	259.8	0.26	535.8	0.02	0.045
	Maximum	0	0	0	0	7	8.1	0.78	262.0	0.26	539.0	0.02	0.045
	Minimum	0	0	0	0	6	7.91	0.66	259.0	0.25	534.0	0.02	0.045

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