



Regional District of Nanaimo - Water Services Department

Westurne Heights 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	Well Head	0	0	0	0		7.20	0.58	48.9	0.05	103.5	0.13	0.002
5-Mar-19	1263 Westurne Heights	0	0	0	0	3	7.32	0.53	47.7	0.05	101.0	0.17	0.006
	Average	0	0	0	0	3.0	7.3	0.56	48.3	0.05	102.3	0.15	0.004
	Maximum	0	0	0	0	3	7.32	0.58	48.9	0.05	103.5	0.17	0.006
	Minimum	0	0	0	0	3	7.2	0.53	47.7	0.05	101	0.13	0.002

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	Well Head	0	0	0	0	7	7.26	0.52	48.0	0.05	101.8		
4-Feb-19	1252 Westurne Heights	0	0	0	0	5	7.26	0.50	47.7	0.05	101.1		
11-Feb-19	Well Head	0	0	0	0	7	7.30	0.49	47.7	0.05	101.1	0.14	0.031
11-Feb-19	1263 Westurne Heights	0	0	0	0	3	7.29	0.48	47.8	0.05	102.1	0.12	0.017
19-Feb-19	1252 Westurne Heights	0	0	0	0		7.35	0.56	48.2	0.05	102.3		
25-Feb-19	1263 Westurne Heights	0	0										
	Average	0	0	0	0	5.5	7.3	0.51	47.9	0.05	101.7	0.13	0.024
	Maximum	0	0	0	0	7	7.35	0.56	48.2	0.05	102.3	0.14	0.031
	Minimum	0	0	0	0	3	7.26	0.48	47.7	0.05	101.1	0.12	0.017

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7-Jan-19	Well Head	0	0	0	0	7	7.26	0.41	48.0	0.05	101.7	0.15	0.028
7-Jan-19	1252 Westurne Heights	0	0	0	0	5	7.30	0.44	48.0	0.05	101.6	0.12	0.019
14-Jan-19	1263 Westurne Heights	0	0	0	0	6	7.24	0.47	47.9	0.05	101.7		
21-Jan-19	1252 Westurne Heights	0	0	0	0	5	7.00	0.50	47.5	0.05	100.8		
21-Jan-19	Well Head	0	0	0	0	7	7.09	0.45	48.0	0.05	101.9		
28-Jan-19	1263 Westurne Heights	0	0	0	0	7	7.20	0.57	48.0	0.05	113.0		
	Average	0	0	0	0	6	7.2	0.47	47.9	0.05	103.5	0.14	0.024
	Maximum	0	0	0	0	7	7.30	0.57	48	0.05	113	0.15	0.028
	Minimum	0	0	0	0	5	7	0.41	47.5	0.05	100.8	0.12	0.019

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