



Regional District of Nanaimo - Water Services Department

Nanoose Bay Peninsula 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)
6-Mar-19	1358 Madrona	0	0	0	0	7	7.53	0.78	191.3	0.19	397.0	0.01	0.071
6-Mar-19	3427 Tyee	0	0	0	0	5	7.62	0.58	246.0	0.25	509.0	0.00	0.006
6-Mar-19	1270 Sea Dog	0	0	0	0	6	7.60	0.62	180.9	0.18	376.0	0.00	0.051
6-Mar-19	2454 Armstrong	0	0	0	0	5	7.70	0.84	251.0	0.25	518.0	0.05	0.007
6-Mar-19	3500 Fairwinds	0	0	0	0	7	7.74	0.83	247.0	0.25	510.0	0.06	0.013
6-Mar-19	1996 Highland	0	0	0	0	7	7.69	0.51	246.0	0.25	513.0	0.02	0.002
6-Mar-19	2339 Garry Oak	0	0	0	0	7	7.71	1.21	257.0	0.26	531.0	0.03	0.016
Average		0	0	0	0	6.3	7.7	0.77	231.3	0.23	479.1	0.02	0.024
Maximum		0	0	0	0	7	7.74	1.21	257.0	0.26	531.0	0.06	0.071
Minimum		0	0	0	0	5	7.53	0.51	180.9	0.18	376.0	0.00	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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6-Feb-19	1565 Stone lake	0	0	0	0		7.09	0.87	245.0	0.24	505.0	0.02	0.058
6-Feb-19	3427 Tyee	0	0	0	0	6	7.65	0.10	248.0	0.25	512.0	0.03	0.008
6-Feb-19	2315 Ida Lane	0	0	0	0	8	7.63	0.70	246.0	0.25	509.0	0.04	0.014
6-Feb-19	3500 Fairwinds	0	0	0	0	8	7.71	0.92	240.0	0.24	496.0	0.03	0.019
6-Feb-19	1996 Highland	0	0	0	0	8	7.65	0.34	244.0	0.24	505.0	0.03	0.010
6-Feb-19	2339 Garry Oak	0	0	0	0	8	7.65	0.89	243.0	0.24	503.0	0.03	0.011
13-Feb-19	1566 Arbutus	0	0				7	7.44	184.3	0.18	384.0		
13-Feb-19	Lot 51 Swallow	0	0	0	0	7	7.49	0.03	242.0	0.24	501.0		
13-Feb-19	1270 Sea Dog	0	0	0	0	5	7.62	0.73	206.0	0.21	427.0		
13-Feb-19	2454 Armstrong	0	0	0	0	7	7.56	0.59	245.0	0.25	506.0		
13-Feb-19	3465 Cambridge	0	0	0	0	7	7.58	1.05	239.0	0.24	494.0		
13-Feb-19	lot 54 Evanshire	0	0	0	0	7	7.62	0.85	242.0	0.24	500.0		
13-Feb-19	Florence & Anchor	0	0	0	0	6	7.61	0.87	241.0	0.24	499.0		
20-Feb-19	1358 Madrona	0	0	0	0	6	7.46	0.67	188.5	0.19	391.0		
20-Feb-19	1639 Marina	0	0	0	0		7.44	0.60	169.7	0.17	353.0		
20-Feb-19	2359 Higginson	0	0	0	0	6	7.46	0.64	170.2	0.17	354.0		
20-Feb-19	2315 Ida Lane			0	0	7	7.50	0.68	195.0	0.19	405.0		
20-Feb-19	3730 Fairwinds	0	0	0	0	7	7.54	0.89	218.0	0.22	452.0		
20-Feb-19	3383 Redden	0	0	0	0	7	7.65	0.60	220.0	0.22	457.0		
20-Feb-19	2329 Chain	0	0	0	0	7	7.00	1.23					
27-Feb-19	1566 Arbutus			0	0	7	7.40	0.83	246.0	0.25	509.0		
27-Feb-19	Lot 51 Swallow			0	0	4	7.51	0.02	237.0	0.24	490.0		
27-Feb-19	2454 Armstrong			0	0	5	7.52	0.80	243.0	0.24	502.0		
27-Feb-19	3541 Shelby	0	0	0	0	6	7.54	0.92	245.0	0.24	506.0		
27-Feb-19	2329 Chain			0	0	7	7.59	0.69	247.0	0.25	511.0		
	Average	0	0	0	0	7	7.5	0.70	226.9	0.23	469.6	0.03	0.020
	Maximum	0	0	0	0	8	7.71	1.23	248.0	0.25	512.0	0.04	0.058
	Minimum	0	0	0	0	4	7.00	0.02	169.7	0.17	353.0	0.02	0.008

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Comments:

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9-Jan-19	1565 Stonelake	0	0	0	0	9	7.50	0.98	193.0	0.18	400.0	0.01	0.052
9-Jan-19	3427 Tyee	0	0	0	0	8	7.60	0.18	250.0	0.29	535.0	0.03	0.006
9-Jan-19	1270 Sea Dog	0	0	0	0	7	7.70	0.25	193.1	0.21	411.0	0.02	0.062
9-Jan-19	2315 Ida Lane	0	0	0	0	9	7.72	0.96	259.0	0.23	500.0	0.06	0.016
9-Jan-19	3500 Fairwinds	0	0	0	0	8	7.70	1.00	253.0	0.24	529.0	0.03	0.025
9-Jan-19	1996 Highland	0	0	0	0	9	7.68	0.57	256.0	0.25	525.0	0.03	0.009
9-Jan-19	2339 Garry Oak	0	0	0	0	8	7.69	1.37	254.0	0.24	531.0	0.03	0.013
16-Jan-19	1566 Arbutus	0	0	0	0	8	7.71	0.81	195.5	0.19	406.0		
16-Jan-19	1639 Marina	0	0	0	0	8	7.93	0.58	193.9	0.19	403.0		
16-Jan-19	2454 Armstrong	0	0	0	0	7	7.84	0.48	262.0	0.26	541.0		
16-Jan-19	3465 Cambridge	0	0	0	0	8	7.80	0.99	263.0	0.26	543.0		
16-Jan-19	3541 Shelby	0	0	0	0	8	7.79	0.93	263.0	0.26	540.0		
16-Jan-19	2329 Chain	0	0	0	0	7	7.74	0.58	250.0	0.25	516.0		
23-Jan-19	1358 Madrona	0	0	0	0	8	7.47	0.88	195.9	0.20	407.0		
23-Jan-19	lot 51 Swallow	0	0	0	0	8	7.57	0.04	261.0	0.26	540.0		
23-Jan-19	2359 Higginson	0	0	0	0	8		0.62					
23-Jan-19	2454 Armstrong	0	0	0	0	7	7.57	0.73	269.0	0.27	554.0		
23-Jan-19	3383 Redden	0	0	0	0	8	7.62	0.85	264.0	0.26	545.0		
23-Jan-19	3730 Fairwinds	0	0	0	0	7	7.66	0.95	266.0	0.27	548.0		
23-Jan-19	Florence & Anchor	0	0	0	0	7	7.58	1.09	266.0	0.27	549.0		
30-Jan-19	Madrona #8			0	0		7.00		270.0	0.27	555.0		
30-Jan-19	3427 Tyee			0	0	8	7.35	0.07	253.0	0.25	523.0		
30-Jan-19	2315 Ida Lane			0	0	8	7.40	0.57	249.0	0.25	513.0		
30-Jan-19	lot 51 Evanshire			0	0	8	7.44	0.87	246.0	0.26	510.0		
30-Jan-19	2339 Garry Oak			0	0	8	7.49	1.16	247.0	0.25	511.0		
	Average	0	0	0	0	7.9	7.6	0.73	244.7	0.24	505.6	0.03	0.026
	Maximum	0	0	0	0	9	7.93	1.37	270.0	0.29	555.0	0.06	0.062
	Minimum	0	0	0	0	7	7	0.04	193	0.18	400.0	0.01	0.006

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