



# Regional District of Nanaimo - Water Services Department

## Whiskey Creek Water Analysis - 2020 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-May-20	3537 Harris	0	0	0	0	10	7.26	1.04	67.1	0.07	141.8	0.03	0.011
11-May-20	844 Carson	0	0	0	0	10	7.38	0.55	68.3	0.07	146.0		
	<b>Average</b>	0	0	0	0	10.0	7.3	0.80	67.7	0.07	143.9	0.03	0.011
	<b>Maximum</b>	0	0	0	0	10	7.38	1.04	68.3	0.07	146	0.03	0.011
	<b>Minimum</b>	0	0	0	0	10	7.26	0.55	67.1	0.07	141.8	0.03	0.011

**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-Apr-20	3537 Harris	0	0	0	0	8	7.40	1.24	56.7	0.05	119.9	0.04	0.013
14-Apr-20	844 Carson	0	0	0	1	8	7.40	0.82	63.2	0.06	134.9		
16-Apr-20	844 Carson			0	0			0.91					
20-Apr-20	3564 Foxglove	0	0	0	0	10	7.70	0.76	63.4	0.06	134.0		
27-Apr-20	3533 Hebert	0	0	0	0	10	6.98	1.36	66.1	0.07	139.3		
	<b>Average</b>	0	0	0	0.2	9.0	7.4	1.02	62.4	0.06	132.0	0.04	0.013
	<b>Maximum</b>	0	0	0	1	10	7.70	1.36	66.1	0.07	139.3	0.04	0.013
	<b>Minimum</b>	0	0	0	0	8	6.98	0.76	56.7	0.05	119.9	0.04	0.013

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2-Mar-20	3537 Harris	0	0	0	0	7	7.45	1.11	55.1	0.05	116.7	0.05	0.005
9-Mar-20	844 Carson	0	0	0	0	7	7.52	0.99	58.6	0.06	123.8		
16-Mar-20	3564 Foxglove	0	0	0	0	7	7.38	0.99	60.3	0.06	127.5		
23-Mar-20	3533 Hebert	0	0	0	0	7	7.80	1.09	58.8	0.06	124.1		
30-Mar-20	3564 Foxglove			0	0	8	7.32	0.77	63.2	0.06	133.5		
	<b>Average</b>	0	0	0	0	7.2	7.5	0.99	59.2	0.06	125.1	0.05	0.005
	<b>Maximum</b>	0	0	0	0	8	7.8	1.11	63.2	0.06	133.5	0.05	0.005
	<b>Minimum</b>	0	0	0	0	7	7.32	0.77	55.1	0.05	116.7	0.05	0.005

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3-Feb-20	3537 Harris	0	0	0	0	7	7.33	1.16	54.8	0.05	116.2	0.03	0.011
10-Feb-20	844 Carson	0	0	0	0	7	7.26	1.24	57.0	0.05	109.9		
18-Feb-20	3564 Foxglove	0	0	0	0	7	7.15	1.14	60.1	0.06	127.1		
24-Feb-20	3533 Hebert	0	0	0	0	6	7.14	1.21	55.4	0.05	117.1		
	<b>Average</b>	0	0	0	0	6.8	7.2	1.19	56.8	0.05	117.6	0.03	0.011
	<b>Maximum</b>	0	0	0	0	7	7.33	1.24	60.1	0.06	127.1	0.03	0.011
	<b>Minimum</b>	0	0	0	0	6	7.14	1.14	54.8	0.05	109.9	0.03	0.011

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6-Jan-20	3537 Harris	0	0	0	0	8	6.95	1.06	76.3	0.08	160.9	0.03	0.029
13-Jan-20	844 Carson	0	0	0	0	7	7.11	1.08	67.6	0.07	142.9		
20-Jan-20	3564 Foxglove	0	0	0	0	8	7.14	1.15	68.4	0.06	140.1		
28-Jan-20	3537 Hebert	0	0	0	0	6	7.02	1.27	52.6	0.05	111.5		
	<b>Average</b>	0	0	0	0	7	7.1	1.14	66.2	0.07	138.9	0.03	0.029
	<b>Maximum</b>	0	0	0	0	8	7.14	1.27	76.3	0.08	160.9	0.03	0.029
	<b>Minimum</b>	0	0	0	0	6	6.95	1.06	52.6	0.05	111.5	0.03	0.029

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