



# Regional District of Nanaimo - Water Services Department

## Whiskey Creek Water Analysis - 2015 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)
1-Dec-15	3533 Hebert	0	0	0	0	8	6.83	1.73	64.4	0.06	135.6	0.02	0.006
8-Dec-15	3537 Harris	0	0	0	0	10	7.04	1.15	67.9	0.07	143.4		
15-Dec-15	3564 Foxglove	0	0	0	0	9	6.79	1.41	60.3	0.06	128.1		
15-Dec-15	844 Carson	0	0	0	0	8	7.01	0.91	72.1	0.07	152.1		
	<b>Average</b>	0	0	0	0	8.8	6.9	1.30	66.2	0.1	139.8	0.02	0.006
	<b>Maximum</b>	0	0	0	0	10	7.04	1.73	72.1	0.07	152.1	0.02	0.006
	<b>Minimum</b>	0	0	0	0	8	6.79	0.91	60.3	0.06	128.1	0.02	0.006

**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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2-Nov-15	3533 Hebert	0	0	0	0	12	7.04	1.29	64.9	0.06	137.1		
9-Nov-15	3537 Harris	0	0	0	0	13	7.03	1.51	74.3	0.07	156.8		
17-Nov-15	3564 Foxglove	0	0	0	0	12	6.72	1.32	76.7	0.08	161.8	0.16	0.039
24-Nov-15	844 Carson	0	0	0	0	10	7.00	1.18	75.0	0.07	157.9		
	<b>Average</b>	0	0	0	0	11.8	6.9	1.33	72.7	0.1	153.4	0.16	0.039
	<b>Maximum</b>	0	0	0	0	13	7.04	1.51	76.7	0.08	161.8	0.16	0.039
	<b>Minimum</b>	0	0	0	0	10	6.72	1.18	64.9	0.06	137.1	0.16	0.039

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6-Oct-15	3533 Hebert	0	0	0	0	13	7.13	1.60	58.2	0.06	123.1		
13-Oct-15	3537 Harris	0	0	0	0	13	6.98	1.22	71.8	0.07	151.4		
19-Oct-15	3564 Foxglove	0	0	0	0	15	6.90	1.19	70.9	0.07	149.9		
27-Oct-15	844 Carson	0	0	0	0	12	7.27	0.55	65.7	0.06	138.9		
	<b>Average</b>	0	0	0	0	13.3	7.1	1.14	66.7	0.1	140.8	-	-
	<b>Maximum</b>	0	0	0	0	15	7.27	1.6	71.8	0.07	151.4	0	0
	<b>Minimum</b>	0	0	0	0	12	6.9	0.55	58.2	0.06	123.1	0	0

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1-Sep-15	3533 Hebert	0	0	0	0	17	7.19	1.51	60.3	0.06	127.6	0.01	0.017
8-Sep-15	3537 Harris	0	0	0	0	19	7.15	1.34	60.1	0.06	127.0		
15-Sep-15	3564 Foxglove	0	0	0	0	18	7.22	1.21	60.0	0.06	127.0		
21-Sep-15	844 Carson	0	0	0	0	14	7.23	1.26	65.0	0.06	137.0		
	<b>Average</b>	0	0	0	0	17.0	7.2	1.33	61.4	0.1	129.7	0.01	0.017
	<b>Maximum</b>	0	0	0	0	19	7.23	1.51	65	0.06	137	0.01	0.017
	<b>Minimum</b>	0	0	0	0	14	7.15	1.21	60	0.06	127	0.01	0.017

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4-Aug-15	3533 Hebert	0	0	0	0	18	7.30	1.34	55.4	0.05	117.1	0.01	0.013
11-Aug-15	3537 Harris	0	0	0	0	17	7.66	1.30	55.7	0.05	117.9		
18-Aug-15	3564 Foxglove	0	0	0	0	18	7.25	1.17	56.5	0.06	119.6		
25-Aug-15	844 Carson	0	0	0	0	15	7.53	1.18	58.3	0.06	124.0		
	<b>Average</b>	0	0	0	0	17.0	7.4	1.25	56.5	0.1	119.7	0.01	0.013
	<b>Maximum</b>	0	0	0	0	18	7.66	1.34	58.3	0.06	124	0.01	0.013
	<b>Minimum</b>	0	0	0	0	15	7.25	1.17	55.4	0.05	117.1	0.01	0.013

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7-Jul-15	3533 Hebert	0	0	0	0	18	6.97	1.37	54.4	0.05	115.0	0.02	0.000
14-Jul-15	3537 Harris	0	0	0	0	18	7.45	1.00	49.8	0.05	109.8		
21-Jul-15	3564 Foxglove	0	0	0	0	17	7.40	1.16	56.9	0.06	120.5		
27-Jul-15	844 Carson	0	0	0	0	15	7.26	1.21	58.6	0.06	123.9		
	<b>Average</b>	0	0	0	0	17.0	7.3	1.19	54.9	0.06	117.3	0.02	0.000
	<b>Maximum</b>	0	0	0	0	18	7.45	1.37	58.6	0.06	123.9	0.02	0.000
	<b>Minimum</b>	0	0	0	0	15	6.97	1.00	49.8	0.05	109.8	0.02	0.000

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2-Jun-15	3533 Hebert	0	0	0	0	15	7.04	1.15	54.6	0.05	115.8	0.01	0.027
9-Jun-15	3537 Harris	0	0	0	0	15	7.22	1.47	56.2	0.06	119.0		
16-Jun-15	3564 Foxglove	0	0	0	0	15	7.18	1.14	55.7	0.05	117.9		
23-Jun-15	844 Carson	0	0	0	0	14	6.99	1.26	54.2	0.05	115.2		
	<b>Average</b>	0	0	0	0	14.8	7.1	1.26	55.2	0.05	117.0	0.01	0.027
	<b>Maximum</b>	0	0	0	0	15	7.22	1.47	56.2	0.06	119.0	0.01	0.027
	<b>Minimum</b>	0	0	0	0	14	6.99	1.14	54.2	0.05	115.2	0.01	0.027

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5-May-15	3533 Hebert	0	0	0	0	10	7.14	1.21	56.3	0.06	118.9	0.01	0.000
11-May-15	3564 Foxglove	0	0	0	0	13	7.18	1.00	59.4	0.06	125.8		
19-May-15	3537 Harris	0	0	0	0	12	7.09	1.17	55.3	0.05	117.1		
26-May-15	844 Carson	0	0	0	0	12	6.83	1.03	57.0	0.06	120.8		
	<b>Average</b>	0	0	0	0	11.8	7.1	1.10	57.0	0.06	120.7	0.01	0.000
	<b>Maximum</b>	0	0	0	0	13	7.18	1.21	59.4	0.06	125.8	0.01	0.000
	<b>Minimum</b>	0	0	0	0	10	6.83	1.00	55.3	0.05	117.1	0.01	0.000

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7-Apr-15	3533 Hebert	0	0	0	0	12	6.84	1.26	74.4	0.07	156.6	0.02	0.010
14-Apr-15	3537 Harris	0	0	0	0	9	6.89	1.16	57.1	0.06	120.8		
21-Apr-15	3564 Foxglove	0	0	0	0	9	6.85	1.50	57.7	0.06	122.0		
28-Apr-15	844 Carson	0	0	0	0	9	6.80	1.18	63.6	0.06	134.3		
	<b>Average</b>	0	0	0	0	9.8	6.8	1.28	63.2	0.06	133.4	0.02	0.010
	<b>Maximum</b>	0	0	0	0	12	6.89	1.50	74.4	0.07	156.6	0.02	0.010
	<b>Minimum</b>	0	0	0	0	9	6.8	1.16	57.1	0.06	120.8	0.02	0.010

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4-Mar-15	3533 Hebert	0	0	0	0	9	6.80	1.23	56.3	0.06	119.6	0.00	0.000
9-Mar-15	3537 Harris	0	0	0	0	8	7.07	1.03	52.3	0.05	110.7		
16-Mar-15	3564 Foxglove	0	0	0	0	11	7.05	1.11	60.2	0.06	127.4		
24-Mar-15	844 Carson	T	T	0	0	11	7.07	1.33	61.0	0.06	135.2		
30-Mar-15	844 Carson	0	0	0	0	9	6.78	1.02	63.9	0.06	135.1		
	<b>Average</b>	0	0	0	0	9.6	7.0	1.14	58.7	0.06	125.6	0.00	0.000
	<b>Maximum</b>	0	0	0	0	11	7.07	1.33	63.9	0.06	135.2	0.00	0.000
	<b>Minimum</b>	0	0	0	0	8	6.78	1.02	52.3	0.05	110.7	0.00	0.000

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T=Sample not tested. Too long in transit.

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3-Feb-15	3533 Hebert	0	0	0	0	7	6.99	1.22	60.2	0.06	127.4	0.02	0.006
10-Feb-15	3537 Harris	0	0	0	0	8	6.90	1.21	65.0	0.06	137.3		
16-Feb-15	3564 Foxglove	0	0	0	0	8	7.05	1.17	64.9	0.06	137.1		
24-Feb-15	844 Carson	0	0	0	0	8	6.99	1.05	56.4	0.06	119.4		
	<b>Average</b>	0	0	0	0	7.8	7.0	1.16	61.6	0.06	130.3	0.02	0.006
	<b>Maximum</b>	0	0	0	0	8	7.05	1.22	65.0	0.06	137.3	0.02	0.006
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7-Jan-15	3533 Hebert	0	0	0	0	6	6.97	1.62	63.1	0.06	133.2	0.02	0.000
12-Jan-15	3537 Harris	0	0	0	0	7	6.79	1.20	68.8	0.07	145.3		
19-Jan-15	3564 Foxglove	0	0	0	5	8	6.94	1.15	63.7	0.06	134.1		
21-Jan-15	3564 Foxglove			0	0			1.27					
27-Jan-15	844 Carson	0	0	0	0	7	7.16	0.96	73.6	0.07	155.1		
	<b>Average</b>	0	0	0	1	7.0	7.0	1.24	67.3	0.07	141.9	0.02	0.000
	<b>Maximum</b>	0	0	0	5	8	7.16	1.62	73.6	0.07	155.1	0.02	0.000
	<b>Minimum</b>	0	0	0	0	6	6.79	0.96	63.1	0.06	133.2	0.02	0.000

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