



# Regional District of Nanaimo - Water Services Department

## Whiskey Creek Water Analysis - 2014 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)
3-Dec-14	3533 Hebert	0	0	0	0	9	7.09	1.52	65.8	0.07	139.1	0.02	0.000
9-Dec-14	3564 Foxglove	0	0	0	0	9	7.03	1.25	65.5	0.06	138.4		
9-Dec-14	3537 Harris	0	0	0	0	9	7.01	1.31	63.9	0.06	134.9		
15-Dec-14	844 Carson	0	0	0	0	9	6.92	1.02	85.7	0.08	180.6		
	<b>Average</b>	0	0	0	0	9.0	7.0	1.28	70.2	0.1	148.3	0.02	0
	<b>Maximum</b>	0	0	0	0	9	7.09	1.52	85.7	0.08	180.6	0.02	0
	<b>Minimum</b>	0	0	0	0	9	6.92	1.02	63.85	0.06	134.9	0.02	0

**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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3-Nov-14	3537 Harris	T	T	0	0	12	7.01	1.15	85.3	0.08	179.6	0.05	0.001
18-Nov-14	3533 Hebert	0	0	0	0	9	6.92	1.45	63.3	0.06	133.9		
18-Nov-14	3564 Foxglove	0	0	0	0	11	6.92	1.38	64.8	0.06	136.7		
24-Nov-14	844 Carson	0	0	0	0	9	6.95	1.16	71.4	0.07	150.7		
	<b>Average</b>	0	0	0	0	10.3	7.0	1.29	71.2	0.1	150.2	0.05	0.001
	<b>Maximum</b>	0	0	0	0	12	7.01	1.45	85.3	0.08	179.6	0.05	0.001
	<b>Minimum</b>	0	0	0	0	9	6.92	1.15	63.3	0.06	133.9	0.05	0.001

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T=Sample not tested. Too long in transit.

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7-Oct-14	3537 Harris	0	0	0	0	14	7.36	1.59	59.4	0.06	125.6	0.00	0.000
14-Oct-14	3564 Foxglove	0	0	0	0	15	7.20	1.43	61.1	0.06	129.2		
20-Oct-14	844 Carson	0	0	0	0	14	7.18	1.11	77.2	0.08	162.9		
27-Oct-14	3533 Hebert	0	0	0	0	12	7.05	1.93	93.5	0.09	196.8		
	<b>Average</b>	0	0	0	0	13.8	7.2	1.52	72.8	0.1	153.6	0.00	0
	<b>Maximum</b>	0	0	0	0	15	7.36	1.93	93.5	0.09	196.8	0	0
	<b>Minimum</b>	0	0	0	0	12	7.05	1.11	59.4	0.06	125.6	0	0

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3-Sep-14	3533 Hebert	0	0	0	0	18	7.08	1.25	57.3	0.06	121.4	0.02	0.017
9-Sep-14	3537 Harris	0	0	0	0	16	7.26	1.17	56.8	0.06	120.3		
16-Sep-14	3564 Foxglove	0	0	0	0	16	7.34	1.40	58.0	0.06	122.9		
23-Sep-14	844 Carson	0	0	0	0	14	7.04	1.41	61.5	0.04	130.0		
29-Sep-14	3533 Hebert			0	0	15	6.86	1.30	59.4	0.06	125.2		
	<b>Average</b>	0	0	0	0	15.8	7.1	1.31	58.6	0.1	124.0	0.02	0.017
	<b>Maximum</b>	0	0	0	0	18	7.34	1.41	61.5	0.06	130	0.02	0.017
	<b>Minimum</b>	0	0	0	0	14	6.86	1.17	56.8	0.04	120.3	0.02	0.017

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5-Aug-14	3537 Harris	0	0	0	0	18	7.12	1.20	56.3	0.06	119.2	0.04	0.013
11-Aug-14	3564 Foxglove	0	0	0	0	17	7.24	1.31	56.5	0.06	119.5		
19-Aug-14	3533 Harris	0	0	0	0	17	7.07	1.39	58.8	0.06	124.4		
25-Aug-14	844 Carson	0	0	0	0	16	7.33	1.71	58.1	0.06	123.1		
	<b>Average</b>	0	0	0	0	17.0	7.2	1.40	57.4	0.1	121.6	0.04	0.013
	<b>Maximum</b>	0	0	0	0	18	7.33	1.71	58.8	0.06	124.4	0.04	0.013
	<b>Minimum</b>	0	0	0	0	16	7.07	1.2	56.3	0.06	119.2	0.04	0.013

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2-Jul-14	3533 Hebert	0	0	0	0	17	6.99	1.00	57.1	0.06	120.9	0.05	0.023
7-Jul-14	3537 Harris	0	0	0	0	15	6.92	1.43	59.4	0.06	125.9		
15-Jul-14	3564 Foxglove	0	0	0	0	15	6.96	1.39	58.9	0.06	124.6		
22-Jul-14	844 Carson	0	0	0	0	15	7.15	1.07	58.0	0.06	122.7		
29-Jul-14	3533 Hebert			0	0	16	7.09	1.14	59.7	0.06	126.2		
	<b>Average</b>	0	0	0	0	15.6	7.0	1.21	58.6	0.1	124.1	0.05	0.023
	<b>Maximum</b>	0	0	0	0	17	7.15	1.43	59.7	0.06	126.2	0.05	0.023
	<b>Minimum</b>	0	0	0	0	15	6.92	1	57.1	0.06	120.9	0.05	0.023

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4-Jun-14	3533 Hebert	0	0	0	0	13	7.16	1.95	64.9	0.06	137.2	0.04	0.027
9-Jun-14	3537 Harris	0	0	0	0	13	7.09	1.08	61.1	0.06	129.2		
16-Jun-14	3564 Foxglove	0	0	0	0	14	7.16	2.40	65.9	0.07	139.3		
24-Jun-14	844 Carson	0	0	0	0	13	7.21	1.43	62.5	0.06	132.0		
	<b>Average</b>	0	0	0	0	13.3	7.2	1.72	63.6	0.1	134.4	0.04	0.027
	<b>Maximum</b>	0	0	0	0	14	7.21	2.4	65.9	0.07	139.3	0.04	0.027
	<b>Minimum</b>	0	0	0	0	13	7.09	1.08	61.1	0.06	129.2	0.04	0.027

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6-May-14	3533 Hebert	0	0	0	0	9	7.10	1.31	64.8	0.06	137.0	0.02	0.000
13-May-14	3537 Harris	0	0	0	0	12	6.55	0.97	63.1	0.06	133.3		
21-May-14	3564 Foxglove	0	0	0	0	12	7.30	0.95	62.1	0.06	131.2		
26-May-14	844 Carson	0	0	0	0	11	7.23	1.14	65.5	0.06	138.5		
	<b>Average</b>	0	0	0	0	11.0	7.0	1.09	63.9	0.1	135.0	0.02	0
	<b>Maximum</b>	0	0	0	0	12	7.3	1.31	65.5	0.06	138.5	0.02	0
	<b>Minimum</b>	0	0	0	0	9	6.55	0.95	62.1	0.06	131.2	0.02	0

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1-Apr-14	3533 Hebert	0	0	0	0	9	6.96	1.28	65.5	0.06	138.5	0.03	0.012
9-Apr-14	3537 Harris	0	0			7		1.57					
14-Apr-14	3564 Foxglove	0	0	0	0	9	6.93	1.30	64.2	0.06	135.9		
29-Apr-14	844 Carson	0	0	0	0	9	6.93	1.23	69.5	0.07	147.0		
	<b>Average</b>	0	0	0	0	8.5	6.9	1.35	66.4	0.1	140.5	0.03	0.012
	<b>Maximum</b>	0	0	0	0	9	6.96	1.57	69.5	0.07	147	0.03	0.012
	<b>Minimum</b>	0	0	0	0	7	6.93	1.23	64.2	0.06	135.9	0.03	0.012

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4-Mar-14	3533 Hebert	0	0	0	0	4	6.96	2.06	62.7	0.06	132.6	0.01	0.020
10-Mar-14	3537 Harris	0	0	0	0	6	6.81	1.68	70.6	0.07	149.0		
18-Mar-14	3564 Foxglove	0	0	0	0	6	7.46	1.29	66.8	0.07	141.1		
24-Mar-14	844 Carson	0	0	0	0	7	7.25	1.38	67.4	0.07	142.5		
	<b>Average</b>	0	0	0	0	5.8	7.1	1.60	66.9	0.1	141.3	0.01	0.02
	<b>Maximum</b>	0	0	0	0	7	7.46	2.06	70.6	0.07	149	0.01	0.02
	<b>Minimum</b>	0	0	0	0	4	6.81	1.29	62.7	0.06	132.6	0.01	0.02

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3-Feb-14	3533 Hebert	0	0	0	0	8	7.19	1.54	62.0	0.06	131.2	0.03	0.018
11-Feb-14	3537 Harris	0	0	0	0	8	7.13	1.06	54.8	0.05	116.1		
18-Feb-14	3564 Foxglove	0	0	0	0	8	7.05	1.10	72.4	0.07	152.7		
26-Feb-14	844 Carson	0	0	0	0	8	6.71	1.44	64.3	0.06	135.2		
	<b>Average</b>	0	0	0	0	8.0	7.0	1.29	63.4	0.1	133.8	0.03	0.018
	<b>Maximum</b>	0	0	0	0	8	7.19	1.54	72.4	0.07	152.7	0.03	0.018
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13-Jan-14	3537 Harris	0	0	0	0	9	7.17	1.61	68.6	0.07	145.0		
20-Jan-14	3564 Foxglove	0	0	0	0	8	6.67	1.00	66.1	0.07	139.8		
29-Jan-14	844 Carson	0	0	0	0	8	7.22	1.24	65.9	0.07	139.2		
	<b>Average</b>	0	0	0	0	8.3	7.1	1.30	65.3	0.1	138.0	0.03	0.009
	<b>Maximum</b>	0	0	0	0	9	7.26	1.61	68.6	0.07	145	0.03	0.009
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