



Regional District of Nanaimo - Water Services Department

Whiskey Creek Water Analysis - 2018 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-18	3533 Hebert	0	0	0	0	9	7.21	1.09	72.8	0.07	153.7	0.03	0.000
3-Dec-18	3564 Foxglove	0	0	0	0	10		1.07					
10-Dec-18	844 Carson	0	0	0	0	8	7.28	1.33	62.0	0.06	131.0		
17-Dec-18	3537 Harris	0	0	0	0	9	6.99	1.38	55.1	0.05	116.8		
	Average	0	0	0	0	9.0	7.2	1.22	63.3	0.06	133.8	0.03	0.000
	Maximum	0	0	0	0	10	7.28	1.38	72.8	0.07	153.7	0.03	0.000
	Minimum	0	0	0	0	8	6.99	1.07	55.1	0.05	116.8	0.03	0.000

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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7-Nov-18	3533 Hebert	0	0	0	0	11	6.76	1.22	69.1	0.07	146.0	0.04	0.011
14-Nov-18	3537 Harris	0	0	0	0	10	6.98	1.70	62.6	0.06	133.3		
21-Nov-18	3564 Foxglove	0	0	0	0	11	7.21	1.07	74.7	0.07	157.5		
27-Nov-18	844 Carson	0	0	0	0	10	7.24	1.07	68.2	0.07	144.1		
	Average	0	0	0	0	10.5	7.0	1.27	68.7	0.07	145.2	0.04	0.011
	Maximum	0	0	0	0	11	7.24	1.70	74.7	0.07	157.5	0.04	0.011
	Minimum	0	0	0	0	10	6.76	1.07	62.6	0.06	133.3	0.04	0.011

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1-Oct-18	3533 Hebert	0	0	0	0	13	7.16	1.57	60.1	0.06	127.1	0.02	0.004
9-Oct-18	3537 Harris	0	0	0	0	13	6.86	0.77	61.3	0.06	129.6		
15-Oct-18	3564 Foxglove	0	0	0	0	15	7.04	1.19	64.6	0.06	136.5		
23-Oct-18	844 Carson	0	0	0	0	14	7.16	1.13	61.8	0.06	130.6		
30-Oct-18	3564 Foxglove			0	0	13	7.32	1.11	65.8	0.07	139.2		
	Average	0	0	0	0	13.6	7.1	1.15	62.7	0.06	132.6	0.02	0.004
	Maximum	0	0	0	0	15.0	7.32	1.57	65.8	0.07	139.2	0.02	0.004
	Minimum	0	0	0	0	13	6.86	0.77	60.1	0.06	127.1	0.02	0.004

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5-Sep-18	3533 Hebert	0	0	0	0	17	7.32	0.86	51.7	0.05	109.7	0.01	0.006
10-Sep-18	3537 Harris	0	0	0	0	15	7.33	0.71	53.7	0.05	113.8		
17-Sep-18	3564 Foxglove	0	0	0	0	15	7.45	1.33	59.8	0.06	126.4		
24-Sep-18	844 Carson	0	0	0	0	15	7.10	1.18	79.7	0.08	168.1		
	Average	0	0	0	0	15.5	7.3	1.02	61.2	0.06	129.5	0.01	0.006
	Maximum	0	0	0	0	17	7.45	1.33	79.7	0.08	168.1	0.01	0.006
	Minimum	0	0	0	0	15	7.1	0.71	51.7	0.05	109.7	0.01	0.006

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7-Aug-18	3533 Hebert	0	0	0	0	17	7.09	1.67	53.5	0.05	113.6	0.00	0.011
13-Aug-18	3537 Harris	0	0	0	0	17.5	7.14	0.86	50.9	0.05	107.1		
20-Aug-18	3564 Foxglove	0	0	0	0	18	7.65	0.74	52.4	0.05	110.9		
29-Aug-18	844 Carson	0	0	0	0	16	7.47	1.59	54.4	0.05	115.1		
	Average	0	0	0	0	17.1	7.3	1.22	52.8	0.05	111.7	0.00	0.011
	Maximum	0	0	0	0	18	7.65	1.67	54.4	0.05	115.1	0.00	0.011
	Minimum	0	0	0	0	16	7.09	0.74	50.9	0.05	107.1	0.00	0.011

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3-Jul-18	3533 Hebert	0	0	0	0	14	7.07	1.33	60.2	0.06	127.3	0.02	0.026
9-Jul-18	3537 Harris	0	0	0	0	15	7.12	1.46	56.1	0.06	118.7		
16-Jul-18	3564 Foxglove	0	0	0	0	16	7.35	1.25	55.9	0.06	118.2		
24-Jul-18	844 Carson	0	0	0	0	15	7.12	1.22	52.5	0.05	111.2		
30-Jul-18	3564 Foxglove			0	0	18	7.20	1.09	53.1	0.05	112.5		
	Average	0	0	0	0	15.6	7.2	1.27	55.6	0.06	117.6	0.02	0.026
	Maximum	0	0	0	0	18	7.35	1.46	60.2	0.06	127.3	0.02	0.026
	Minimum	0	0	0	0	14	7.07	1.09	52.5	0.05	111.2	0.02	0.026

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5-Jun-18	3533 Hebert	0	0	0	0	13	6.91	1.30	59.9	0.06	114.6		
11-Jun-18	3537 Harris	0	0	0	0	12	7.11	1.72	55.0	0.05	116.3	0.01	0.006
18-Jun-18	3564 Foxglove	0	0	0	0	15	7.32	0.99	56.6	0.06			
25-Jun-18	844 Carson	0	0	0	0	13	7.12	1.18	59.3	0.06	125.6		
	Average	0	0	0	0	13.3	7.1	1.30	57.7	0.06	118.8	0.01	0.006
	Maximum	0	0	0	0	15	7.32	1.72	59.9	0.06	125.6	0.01	0.006
	Minimum	0	0	0	0	12	6.91	0.99	55	0.05	114.6	0.01	0.006

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1-May-18	3537 Harris	0	0	0	0	10	6.91	1.13	52.7	0.05	111.3		
7-May-18	3533 Hebert	0	0	0	0	11	6.84	1.20	54.3	0.05	115.1	0.03	0.003
14-May-18	3564 Foxglove	0	0	0	0	13	6.87	1.61	55.8	0.06	118.2		
22-May-18	844 Carson	0	0	0	0	12	6.84	1.78	55.9	0.06	118.2		
29-May-18	3564 Foxglove			0	0	14	6.97	0.91	53.2	0.05	112.7		
	Average	0	0	0	0	12.0	6.9	1.33	54.4	0.05	115.1	0.03	0.003
	Maximum	0	0	0	0	14	6.97	1.78	55.9	0.06	118.2	0.03	0.003
	Minimum	0	0	0	0	10	6.84	0.91	52.7	0.05	111.3	0.03	0.003

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4-Apr-18	3533 Hebert	0	0	0	0	6	6.69	1.24	48.4	0.05	102.8	0.01	0.001
9-Apr-18	3537 Harris	0	0	0	0	8	6.48	1.38	55.2	0.05	116.8		
16-Apr-18	3564 Foxglove	0	0	0	0	9	6.45	1.06	64.2	0.06	135.8		
24-Apr-18	844 Carson	0	0	0	0	9	6.79	1.10	54.5	0.05	115.5		
	Average	0	0	0	0	8.0	6.6	1.20	55.6	0.05	117.7	0.01	0.001
	Maximum	0	0	0	0	9	6.79	1.38	64.2	0.06	135.8	0.01	0.001
	Minimum	0	0	0	0	6	6.45	1.06	48.4	0.05	102.8	0.01	0.001

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5-Mar-18	3533 Hebert	0	0	0	0	6	6.83	1.54	47.6	0.05	101.0	0.02	0.000
12-Mar-18	3537 Harris	0	0	0	0	6	6.66	1.38	48.5	0.05	102.8		
20-Mar-18	3564 Foxglove	0	0	0	0	8	6.79	1.14	50.8	0.05	107.8		
27-Mar-18	844 Carson	0	0	0	0	7.5	6.88	1.28	48.7	0.05	103.3		
	Average	0	0	0	0	6.9	6.8	1.34	48.9	0.05	103.7	0.02	0.000
	Maximum	0	0	0	0	8	6.88	1.54	50.8	0.05	107.8	0.02	0.000
	Minimum	0	0	0	0	6	6.66	1.14	47.6	0.05	101.0	0.02	0.000

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5-Feb-18	3533 Hebert	0	0	0	0	7	6.85	1.78	47.5	0.05	100.6	0.15	0.004
14-Feb-18	3537 Harris	0	0	0	0		6.96	1.08	42.6	0.04	90.6		
20-Feb-18	3564 Foxglove	0	0	0	0	8	6.55	1.63	48.8	0.05	103.5		
27-Feb-18	844 Carson	0	0	0	0	7	6.76	0.75	45.9	0.05	97.2		
	Average	0	0	0	0	7.3	6.8	1.31	46.2	0.05	98.0	0.15	0.004
	Maximum	0	0	0	0	8	6.96	1.78	48.8	0.05	103.5	0.15	0.004
	Minimum	0	0	0	0	7	6.55	0.75	42.6	0.04	90.6	0.15	0.004

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2-Jan-18	3533 Herbert	0	0	0	0		6.58	1.40	58.7	0.06	124.2	0.03	0.017
8-Jan-18	3537 Harris	0	0	0	0	7	6.80	1.07	56.0	0.06	118.5		
15-Jan-18	3564 Foxglove	0	0	0	0	7	6.54	1.49	59.1	0.06	125.2		
22-Jan-18	844 Carson	0	0	0	0	8	6.32	0.97	58.0	0.06	123.1		
29-Jan-18	3564 Foxglove			0	0	7	6.48	1.35	47.9	0.05	101.4		
	Average	0	0	0	0	7	6.5	1.26	55.9	0.06	118.5	0.03	0.017
	Maximum	0	0	0	0	8	6.80	1.49	59.1	0.06	125.2	0.03	0.017
	Minimum	0	0	0	0	7	6.32	0.97	47.9	0.05	101.4	0.03	0.017

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