

Whiskey Creek Water Analysis - 2020 Monthly Report

			ntre for Control				RDN In-H	ouse Labor	atory and S	pectroph	otometer		
Date	Sample Location (Address)	E. coli *	Total Coliform *	E.coli *	Total Coliform	Temp. (°C)	рН	Free Chlorine Residual (mg/L)	Total Dissolved Solids (mg/L)	Salinity (%)	Conductivity (µS/cm)	Total Iron (mg/L)	Manganese (mg/L)
5-Oct-20	3537 Harris	0	0	0	0	16	6.89	1.26	77.1	0.08	167/	Fe and Mn tested in-ho	are no longer
13-Oct-20	844 Carson	0	0	0	0	15	7.20	0.86	84.8	0.08			l Tap Water
19-Oct-20	3564 Foxgolve	0	0	0	0	14	6.83	1.26	80.2	0.08	400.4	Results at https://www	/ rdn bc ca/
26-Oct-20	3533 Hebert	0	0	0	0	12	7.00	1.11	72.1	0.07		whiskey-cre	
CDN Drinkir	ng Water Guidelines	<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	0.02 AO 0.12 MAC

Legend:

Orange font indicates non-compliance with the Aesthetic Objective (AO) in the Canadian Drinking Water Guidelines (CDWG)

Red font indicates non-compliance with the Maximum Acceptable Concentration (MAC) in the CDWG

Comments:

Iron and Manganese are no longer being tested in-house.

A full potability scan is completed once per year at an external lab that includes metals and minerals.

^{*} Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)



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2-Sep-20	3537 Harris	0	0	0	0	17	6.63	1.46	89.0	0.09	187.2	0.32	
8-Sep-20	844 Carson	0	0	0	0	17	6.70	0.78	88.4	0.10	185.1		
14-Sep-20	3564 Foxglove	0	0	0	0	17	6.92	1.01	93.9	0.11	192.9		
21-Sep-20	3533 Hebert	0	0	0	0	17	6.96	0.80	82.5	0.08	173.8		
28-Sep-20	3533 Hebert			0 0 17 7.31 1.12 103.1 0.10 216.7									
CDN Drinkir	ng Water Guidelines	<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	0.02 AO 0.12 MAC

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4-Aug-20	3537 Harris	0	0	0	0	15	6.94	1.17	66.1	0.07	1 120 7	Fe and Mn tested in-ho	are no longer
12-Aug-20	844 Carson	0	0	0	0	15	6.87	0.82	67.8	0.07		Annual Tap	
17-Aug-20	3564 Foxglove	0	0	0	0	19	7.02	1.12	97.8	0.10	205 5	Results at	/.rdn.bc.ca/whi
24-Aug-20	3533 Hebert	0	0	0	0	15	7.18	0.80	96.0	0.10		skey-creek	
CDN Drinkin	ng Water Guidelines	<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	0.02 AO 0.12 MAC

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6-Jul-20	3537 Harris	0	0	0 0 14 7.18 1.05 64.3 0.07 135.7 0.11 0.001									
13-Jul-20	844 Carson	0	0	0 0 15 7.33 1.35 65.3 0.06 138.1									
20-Jul-20	3465 Foxglove	0	0	0	0	15	7.34	1.62	63.9	0.06	134.9		
27-Jul-20	3533 Hebert	0	0	0	0	17	6.93	0.82	64.3	0.06	135.9		
CDN Drinkir	ng Water Guidelines	<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	0.02 AO 0.12 MAC

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Comments:

Туре	Parameter (published, reaffirmed)	MAC (mg/L)	Other value (mg/L)	Common sources of parameter in water	Health considerations	Comments
I = Inorganic chemical parameter	Manganese (2019)	0.12		found in soil and rock. Other sources include industrial discharge, mining activities and leaching from landfills.	neurological development and behaviour; deficits in memory,	AO based on minimizing the occurrence of discoloured water, consumer complaints and staining of laundry.

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1-Jun-20	3537 Harris	0	0	0	0	13	6.86	1.07	66.1	0.07	139.7	0.06	0.008
8-Jul-20	844 Carson	0	0	0	0	13	7.04	1.46	49.9	0.09	140.0		
15-Jun-20	3564 Foxglove	0	0	0	0	12	7.30	0.93	71.6	0.07	151.1		
22-Jun-20	3533 Hebert	0	0	0	0	14	7.32	1.51	66.5	0.07	140.4		
29-Jun-20	3533 Hebert			0 0 15 7.09 1.04 64.0 0.06 135.4									
CDN Drinkir	ng Water Guidelines	<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	0.02 AO 0.12 MAC

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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 7.26 1.04 67.1 0.07 141.8 0.03 0.011 0 0 10 7.38 0.55 68.3 0.07 146.0									
19-May-20	3564 Foxglove	0	0	0	0	11	7.35	1.06	70.7	0.07	148.1		
25-May-20	3533 Hebert	0	0	0	0	11	7.24	0.43	45.7	0.04	97.1		
CDN Drinkin	g Water Guidelines	<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	0.02 AO 0.12 MAC

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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 1.24 56.7 0.05 119.9 0.04 0.013 0 1 8 7.40 0.82 63.2 0.06 134.9									
16-Apr-20	844 Carson RE			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		
CDN Drinkin	ng Water Guidelines	<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	0.02 AO 0.12 MAC

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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		
CDN Drinkin	ng Water Guidelines	<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	0.02 AO 0.12 MAC

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Date	Sample Location (Address)	E. coli	Total Coliform *	E.coli *	Total Coliform	Temp. (°C)	рН	Free Chlorine Residual (mg/L)	Total Dissolved Solids (mg/L)	Salinity (%)	Conductivity (µS/cm)	Total Iron (mg/L)	Manganese (mg/L)
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		
CDN Drinking Water Guidelines		<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	0.02 AO 0.12 MAC

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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		
CDN Drinking Water Guidelines		<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	0.02 AO 0.12 MAC

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I = Inorganic	Manganese (2019)	0.12	AO: <0.02	Dissolution of naturally-	Health Basis of MAC: Effects on	AO based on minimizing the
chemical				occurring minerals commonly	neurological development and	occurrence of discoloured water,
parameter				found in soil and rock. Other	behaviour; deficits in memory,	consumer complaints and staining of
				sources include industrial	attention, and motor skills.	laundry.
				discharge, mining activities and	Other: Formula-fed infants (where	
				leaching from landfills.	water containing manganese at levels	
					above the MAC is used to prepare	
					formula) may be especially at risk.	

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