

Surfside Water Analysis - 2020 Monthly Report

			ntre for Control			I	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)
1-Dec-20	1105 Surfside	0	0	0	0	8	6.71	0.34	68.4	0.07	1// 5	Fe and Mn are no longer tested in-house.	
7-Dec-20	923 McFeely	0	0	0	0	9	6.66	0.38	54.6	0.06	136.7	See Annua	I Tap Water
14-Dec-20	962 Surfside	0	0	0	0	9	6.85	0.90	66.7	0.07	4 4 4 0	Results at https://www	/.rdn.bc.ca/sur
												fside	
CDN Drinkin	CDN Drinking Water Guidelines		<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:

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

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.



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2-Nov-20	1105 Surfside	0	0	0	0	12	6.80	0.21	77.9	0.08		Fe and Mn are no longer tested in-house.	
9-Nov-20	923 McFeely	0	0	0	0	11	6.62	0.26	6.1	0.07	139.6	See Annua	I Tap Water
16-Nov-20	962 Surfside	0	0	0	0	10	6.66	0.34	68.4	0.07	4444	Results at https://www	/.rdn.bc.ca/sur
23-Nov-20	1105 Surfside			0	0	10	6.77	0.28	80.3	0.08		fside	
CDN Drinkin	CDN Drinking Water Guidelines		<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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5-Oct-20	1105 Surfside	0	0	0	0	16	6.75	0.26	71.7	0.07	161 3	Fe and Mn are no longer tested in-house.	
13-Oct-20	923 McFeely	0	0	0	0	15	6.68	0.24	69.1	0.07	146.2	See Annua	Tap Water
19-Oct-20	962 Surfside	0	0	0	0	14	6.69	0.29	71.4	0.07	450.0	Results at https://www	/.rdn.bc.ca/sur
26-Oct-20	1105 Surfside			0	0	12	6.75	0.19	77.4	0.08		fside	
CDN Drinkin	CDN Drinking Water Guidelines		<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-Sep-20	1105 Surfside	0	0	0	0	19	6.65	0.22	85.1	0.08	1/4/	Fe and Mn are no longer tested in-house.	
8-Sep-20	923 McFeely	0	0	0	0	18	6.69	0.32	84.6	0.08	181.1	See Annua	I Tap Water
14-Sep-20	962 Surside	0	0	0	0	17	6.70	0.28	86.1	0.07	400.0	Results at https://www	/.rdn.bc.ca/sur
21-Sep-20	962 Surfside			0	0	17	6.80	0.32	93.2	0.09		fside	
28-Sep-20	1105 Surfside			0	0	17	6.82	0.20	87.3	0.09	184.0		
CDN Drinkin	CDN Drinking Water Guidelines		<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	1105 Surfside	0	0	0	0	18	6.67	0.31	78.2	0.08	165.0	Fe and Mn are no longer tested in-house. See Annual Tap Water	
10-Aug-20	923 McFeely	0	0	0	0	19	6.55	0.32	70.4	0.07	147.6		
17-Aug-20	962 Surfside	0	0	0	0	17	6.54	0.40	78.5	0.08		Results at https://www	/.rdn.bc.ca/sur
26-Aug-20	1105 Surfside			0	0	16	6.66	0.39	83.3	0.08		fside	
												1	
CDN Drinkin	CDN Drinking Water Guidelines		<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	1105 Surfside	0	0	0	0	16	6.90	0.35	79.9	0.08	155.4	0.04	0.011
13-Jul-20	923 McFeely	0	0	0	0	16	6.51	0.32	73.1	0.07	154.2		
20-Jul-20	962 Surfside	0	0	0	0	15	6.53	0.34	74.0	0.07	156.2		
27-Jul-20	1105 Surfside			0	0	18	6.79	0.31	74.6	0.07	157.3		
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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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		occurring minerals commonly 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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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)
1-Jun-20	1105 Surfside	0	0	0	0	15	6.70	0.32	76.8	0.08	161.8	0.04	0.014
8-Jun-20	923 McFeely	0	0	0	0	16	6.70	0.31	77.1	0.08	166.1		
15-Jun-20	962 Surfside	0	0	0	0	14	6.81	0.35	72.0	0.07	152.1		
22-Jun-20	1105 Surfside			0	0	15	6.86	0.26	75.7	0.08	159.3		
29-Jun-20	962 Surfside			0	0	16	6.64	0.33	73.4	0.07	154.7		
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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I = Inorganic chemical parameter	Manganese (2019)	0.12		occurring minerals commonly 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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4-May-20	1105 Surfside	0	0	0	0	11	6.72	0.74	78.8	0.08	166.2	0.06	0.020
13-May-20	923 McFeely	0	0	0	0	12	6.69	0.48	74.7	0.07	157.7		
20-May-20	962 Surfside	0	0	0	0	13	7.11	0.33	74.5	0.07	157.2		
25-May-20	1105 Surfside			0	0	14	6.63	0.29	76.0	0.08	160.4		
CDN Drinkir	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	1105 Surfside	0	0	0	0	8	6.77	0.28	90.1	0.09	186.4	0.04	0.021
14-Apr-20	923 McFeely	0	0	0	0	9	6.65	0.31	73.4	0.07	155.1		
20-Apr-20	962 Surfside	0	0	0	0	11	6.69	0.41	73.7	0.07	135.4		
27-Apr-20	1105 Surfside			0	0	11	6.68	0.50	81.3	0.08	171.4		
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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I = Inorganic chemical parameter	Manganese (2019)	0.12		occurring minerals commonly 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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		_	ntre for Control	RDN In-House Laboratory and Spectrophotometer									
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)
2-Mar-20	1105 Surfside	0	0	0	0	7	6.74	0.25	89.3	0.09	188.1	0.03	0.027
9-Mar-20	923 McFeely	0	0	0	0	8	6.72	0.30	71.5	0.07	151.1		
16-Mar-20	962 Surfside	0	0	0	0	7	6.71	0.42	73.2	0.07	154.0		
23-Mar-20	1105 Surfside			0	0	7	6.79	0.32	76.9	0.08	162.7		
30-Mar-20	962 Surfside			0	0	8	6.55	0.37	74.9	0.07	157.9		
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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3-Feb-20	1105 Surfside	0	0	0	0	6	6.68	0.37	89.8	0.09	188.7	0.05	0.016
10-Feb-20	923 McFeely			0	0	6	6.61	0.86	39.7	0.04	84.2		
18-Feb-20	962 Surfside	0	0	0	0	7	6.94	0.44	76.7	0.08	161.3		
24-Feb-20	923 McFeely	0	0	0	0	6	6.71	0.40	71.7	0.07	151.7		
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	1105 Surfside	0	0	0	0	8	6.71	0.36	89.5	0.09	188.9	0.03	0.036
13-Jan-20	923 McFeely	0	0	0	0	6	6.53	0.41	78.1	0.08	164.7		
20-Jan-20	962 Surfside	0	0	0	0	8	6.70	0.42	80.9	0.09	171.2		
27-Jan-20	1105 Surfside			0	0	7	6.61	0.38	87.7	0.09	184.6		
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