

San Pareil 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)
4-Nov-20	793 San Malo	0	0	0	0	12	6.70	0.66	41.2	0.04	87.5	Fe and Mn tested in-ho	are no longer
10-Nov-20	962 Ballenas			0	0	12	7.20	0.36	44.4	0.04	94.3		l Tap Water
18-Nov-20	995 Sabine			0	0	11	6.73	0.70	36.8	0.04	70.2	Results at https://www	/.rdn.bc.ca/
												san-pareil	
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.

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



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7-Oct-20	793 San Malo	0	0	0	0	16	6.73	0.73	46.5	0.05	99.0	Fe and Mn tested in-ho	are no longer
14-Oct-20	962 Ballenas	0	0	0	0	15	6.89	0.27	51.3	0.05	108.5		l Tap Water
20-Oct-20	995 Sabine	0	0	0	0	14	6.90	0.81	56.7	0.05	4400	Results at https://www	rdn hc ca/
28-Oct-20	1190 Plummer	0	0	0	0	13	7.33	0.65	42.2	0.04		san-pareil	7.1 d 11.50.0d/
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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2-Sep-20	793 San Malo	0	0	0	0	17	6.50	0.82	44.0	0.04	93.0	Fe and Mn tested in-ho	are no longer
9-Sep-20	962 Ballenas	0	0	0	0	17	6.57	0.87	47.1	0.05	98.1		l Tap Water
14-Sep-20	995 Sabine	0	0	0	0	17	6.69	0.79	50.1	0.05	07.0	Results at https://www	rdn be ca/
23-Sep-20	995 Sabine			0	0	16	6.84	0.73	48.4	0.05		san-pareil	7.1411.00.047
30-Sep-20	1190 Plummer	0	0	0	0	16	6.78	0.84	48.3	0.05	102.1		
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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5-Aug-20	793 San Malo	0	0	0	0	16	6.31	0.69	45.5	0.04	96.4	Fe and Mn tested in-ho	are no longer
10-Aug-20	962 Ballenas	0	0	0	0	16	6.40	0.79	45.8	0.04	96.8		l Tap Water
18-Aug-20	995 Sabine	0	0	0	0	17	6.47	0.76	46.8	0.05	00.4	Results at https://www	rdn hc ca/
26-Aug-20	1190 Plummer	0	0	0	0	15	6.55	0.89	44.8	0.04		san-pareil	7.1 d 11.50.0d/
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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8-Jul-20	793 San Malo	0	0	0	0	15	6.88	0.82	35.1	0.03	70.1	0.04	0.003
15-Jul-20	962 Ballenas	0	0	0	0	14	6.70	0.69	46.5	0.05	98.6		
22-Jul-20	995 Sabine	0	0	0	0	13	6.70	0.51	45.7	0.04	97.1		
29-Jul-20	1190 Plummer	0	0	0	0	14	6.68	0.77	46.6	0.05	98.9		
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		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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3-Jun-20	793 San Malo	0	0	0	0	13	6.81	0.81	32.7	0.03	69.6	0.04	0.003
10-Jun-20	962 Ballenas	0	0	0	0	14	7.04	0.56	36.5	0.04	77.5		
17-Jun-20	995 Sabine	0	0	0	0	13	6.95	0.92	36.1	0.04	76.6		
24-Jun-20	1190 Plummer	0	0	0	0	14	6.88	0.80	37.7	0.04	79.3		
30-Jun-20	995 Sabine			0	0	14	6.99	0.81	39.0	0.04	82.8		
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-May-20	793 San Malo	0	0	0	0	10	6.91	0.61	30.4	0.03	64.8	0.04	0.004
13-May-20	962 Ballenas	0	0	0	0	11	6.92	0.80	29.6	0.03	62.9		
20-May-20	995 Sabine	0	0	0	0	12	6.93	0.75	30.6	0.03	65.2		
27-May-20	1190 Plummer	0	0	0	0	9	6.95	0.84	30.9	0.03	65.7		
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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6-Apr-20	793 San Malo	0	0	0	0	9	7.06	0.65	35.5	0.03	71.1	0.03	0.015
15-Apr-20	962 Ballenas	0	0	0	0	9	7.06	0.67	35.1	0.03	74.6		
22-Apr-20	995 Sabine	0	0	0	0	10	7.01	0.72	31.4	0.03	66.7		
29-Apr-20	1190 Plummer	0	0	0	0	8	6.75	0.78	30.7	0.03	65.4		
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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4-Mar-20	793 San Malo	0	0	0	0	7	6.71	0.77	36.6	0.04	77.6	0.03	0.014		
11-Mar-20	1190 Plummer	0	0	0	0	8	7.03	0.81	34.7	0.03	73.8				
18-Mar-20	995 Sabine	0	0	0	0	9	6.75	0.70	35.8	0.04	76.1				
25-Mar-20	962 Ballenas	0	0	0	0	7	6.82	0.47	38.6	0.04	81.9				
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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5-Feb-20	793 San Malo	0	0	0	0	7	6.74	0.54	36.2	0.04	77.0	0.06	0.037
12-Feb-20	962 Ballenas	0	0	0	0	7	6.65	0.86	39.7	0.04	84.2		
19-Feb-20	995 Sabine	0	0	0	0	8	6.47	0.83	40.4	0.04	85.8		
26-Feb-20	1190 Plummer	0	0	0	0	8	6.60	0.93	38.5	0.04	81.8		
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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8-Jan-20	793 San Malo	0	0	0	0	8	7.00	0.67	34.3	0.03	72.9	0.02	0.037
15-Jan-20	962 Ballenas	0	0	0	0	8	6.73	0.38	39.3	0.04	83.4		
22-Jan-20	995 Sabine	0	0	0	0	8	6.70	0.42	80.9	0.09	171.2		
29-Jan-20	1190 Plummer	0	0	0	0	8	6.70	0.69	34.8	0.03	74.0		
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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