

## San Pareil Water Analysis - 2022 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-Dec-22	793 San Malo	0	0	0	0	8	7.14	0.78	52.1	0.05	100.1	Fe and Mn tested in-ho	are no longer
7-Dec-22	962 Ballenas	0	0	0	0	9	7.48	0.48	60.0	126.90	0.3		l Tap Water
12-Dec-22	995 Sabin	0	0	0	0	9	7.21	0.83	43.6	0.04	~~ =	Results at https://www	v.rdn.bc.ca/
21-Dec-22	793 San Malo			0	0	7	7.16	0.50	43.0	0.04		san-pareil	
CDN Drinkin	CDN Drinking Water Guidelines <1		<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	<b>0.02</b> AO <b>0.12</b> MAC

#### Legend:

Green font indicates a value flagged for operational consideration

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

### **Comments:**

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

Туре	Parameter (published, reaffirmed)	MAC (mg/L)	Other value (mg/L)	Common sources of parameter in water	Health considerations	Comments
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<sup>\*</sup> Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)



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3-Nov-22	793 San Malo	0	0	0	0	14	7.10	0.66	58.2	0.06	122.9	Fe and Mn tested in-ho	are no longer
8-Nov-22	962 Ballenas	0	0	0	0	12	6.94	0.28	55.1	0.05		See Annua	l Tap Water
16-Nov-22	1090 Plummer	0	0	0	0	12	7.24	0.70	45.5	0.05	000	Results at https://www	v.rdn.bc.ca/
22-Nov-22	995 Sabine	0	0	0	0	11	7.07	0.88	46.0	0.50		san-pareil	
CDN Drinkin	CDN Drinking Water Guidelines <1 <1			<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	<b>0.02</b> AO <b>0.12</b> MAC

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5-Oct-22	793 San Malo	0	0	0	0	16	7.00	0.56	46.1	0.05	98.2	Fe and Mn tested in-ho	are no longer
12-Oct-22	962 Ballenas	0	0	0	0	16	6.82	0.40	50.7	0.05	107.5		l Tap Water
17-Oct-22	1090 Plummer	0	0	0	0	14	6.90	0.80	51.4	0.05	400.0	Results at https://www	v.rdn.bc.ca/
26-Oct-22	995 Sabine	0	0	0	0	14	6.97	0.67	50.2	0.05		san-pareil	
CDN Drinkin	CDN Drinking Water Guidelines		<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	<b>0.02</b> AO <b>0.12</b> MAC

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7-Sep-22	793 San Malo	0	0	0	0	16	7.14	0.61	45.2	0.04	95.9	Fe and Mn tested in-ho	are no longer
14-Sep-22	995 Sabine	0	0	0	0	17	7.06	0.63	62.0	0.06		See Annua	l Tap Water
20-Sep-22	962 Ballenas	0	0	0	0	15	7.10	0.58	51.1	0.05	4004	Results at https://www	v.rdn.bc.ca/
27-Sep-22	1090 Plummer	0	0	0	0		7.12	0.56	62.1	0.06		san-pareil	
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-Aug-22	793 San Malo	0	0	0	0	17	6.83	0.70	41.3	0.04	87.7	Fe and Mn tested in-ho	are no longer
9-Aug-22	962 Ballenas			0	0	16	6.92	0.55	44.6	0.04	UU	See Annua	l Tap Water
17-Aug-22	1090 Plummer	0	0	0	0	17	7.63	0.59	44.7	0.04	040	Results at https://www	v.rdn.bc.ca/
23-Aug-22	995 Sabine	0	0	0	0	17	6.72	0.54	45.2	0.04		san-pareil	
30-Aug-22	962 Ballenas	0	0	0	0	18	7.18	0.23	47.7	0.05	101.0		
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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Туре	Parameter (published, reaffirmed)	MAC (mg/L)	Other value (mg/L)	Common sources of parameter in water	Health considerations	Comments
Treatment- related	pH (2015)	None	7.0-10.5	Not applicable	Not applicable	The control of pH is important to maximize treatment effectiveness, control corrosion and reduce leaching from distribution system and plumbing components.

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



## San Pareil Water Analysis - 2022 Monthly Report

			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)
6-Jul-22	795 San Malo	0	60	0	0	15	7.23	0.48	54.8	0.05	116.0	Fe and Mn tested in-ho	are no longer
13-Jul-22	795 San Malo	0	0	0	0	n/a	n/a	0.68	1.0	n/a	n/a	See Annua	l Tap Water
13-Jul-22	962 Ballenas	0	0	0	0	15	6.95	0.59	33.8	0.08	71.8	Results at https://www	/.rdn.bc.ca/
20-Jul-22	995 Sabine			0	0	12	6.85	0.76	34.3	0.03		san-pareil	
26-Jul-22	1090 Plummer	0	0	0	0	12	6.87	0.57	36.9	0.04	78.5		
CDN Drinkin	CDN Drinking Water Guidelines <1 <1		<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	<b>0.02</b> AO <b>0.12</b> MAC

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Treatment- related	pH (2015)	None	7.0-10.5	Not applicable	Not applicable	The control of pH is important to maximize treatment effectiveness, control corrosion and reduce leaching from distribution system and plumbing components.

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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)	
7-Jun-22	962 Ballenas	0	0	0	0	13	7.03	0.52	29.9	0.03	63.4	Fe and Mn tested in-ho	are no longer	
15-Jun-22	995 Sabine	0	0	0	0	10	6.90	0.25	27.0	0.03	57.6	See Annua	l Tap Water	
21-Jun-22	1090 Plumber	0	0	0	0	9	7.02	0.54	27.5	0.03	FA 4	Results at https://www	/.rdn.bc.ca/	
29-Jun-22	793 San Malo	0	0	0	0	10	n/a	0.67	n/a	n/a		san-pareil		
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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Treatment- related	pH (2015)	None	7.0-10.5	Not applicable	Not applicable	The control of pH is important to maximize treatment effectiveness, control corrosion and reduce leaching from distribution system and plumbing components.

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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-May-22	793 San Malo	0	0	0	0	8	7.23	0.75	30.1	0.03	66.6	Fe and Mn tested in-ho	are no longer
10-May-22	962 Ballenas	0	0	0	0	10	6.97	0.57	31.4	0.03	66.9	See Annua	
16-May-22	995 Sabine	0	0	0	0	9	6.86	0.80	29.1	0.03	63.3	Results at https://www	r.rdn.bc.ca/
25-May-22	1090 Plummer	0	0	0	0	9	6.76	0.83	282.0	0.03	60.2	san-pareil	
31-May-22	793 San Malo			0	0	10	6.85	0.75	28.2	0.03	60.0		
CDN Drinkin	g Water Guidelines	<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	<b>0.02</b> AO <b>0.12</b> MAC

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6-Apr-22	792 San Malo	0	0	0	0	9	8.61	0.69	27.3	0.03	59.6	Fe and Mn tested in-ho	are no longer	
12-Apr-22	995 Sabine	0	0	0	0	8	7.13	0.68	29.1	0.03	61.9	See Annua	Tap Water	
19-Apr-22	962 Ballenas	0	0	0	0	9	7.12	0.35	32.2	0.03	68.7	Results at https://www	/.rdn.bc.ca/	
25-Apr-22	1090 Plummer	0	0	0	0	8	7.14	0.58	28.8	0.03	61.3	san-pareil		
CDN Drinkir	CDN Drinking Water Guidelines		<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	<b>0.02</b> AO <b>0.12</b> MAC	

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Treatment- related	pH (2015)	None	7.0-10.5	Not applicable	Not applicable	The control of pH is important to maximize treatment effectiveness, control corrosion and reduce leaching from distribution system and plumbing components.

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2-Mar-22	793 San Malo	0	0	0	0	8	7.00	0.81	37.0	0.04	0.1	Fe and Mn tested in-ho	are no longer
8-Mar-22	962 Ballenas	0	0	0	0	9	7.66	0.33	37.4	0.04	79.8	See Annua	Tap Water
14-Mar-22	995 Sabine	0	0	0	0	8	7.04	0.70	31.3	0.03	66.7	Results at https://www	r.rdn.bc.ca/
21-Mar-22	1090 Plummer	0	0	0	0	8	7.02	0.77	29.9	0.03	63.7	san-pareil	
30-Mar-22	962 Ballenas			0	0	9	8.42	0.22	32.4	0.03	69.0		
CDN Drinkin	ng Water Guidelines	<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	<b>0.02</b> AO <b>0.12</b> MAC

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1-Feb-22	793 San Malo	0	0	0	0	8	7.49	0.75	41.4	0.04	84.9	Fe and Mn tested in-ho	are no longer
9-Feb-22	995 Sabine	0	0	0	0	8	8.35	0.71	36.5	0.03	77.5	See Annua	Tap Water
15-Feb-22	962 Ballenas	0	0	0	0	8	6.98	0.25	41.2	0.04	87.6	Results at https://www	rdn.bc.ca/
23-Feb-22	1090 Plummber	0	0	0	0	8	7.08	0.71	32.5	0.03		san-pareil	·
CDN Drinkin	ng Water Guidelines	<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	<b>0.02</b> AO <b>0.12</b> MAC

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5-Jan-22	793 San Malo	0	0		0	0	7	7.11	0.82	39.0	0.04	82.8	Fe and Mn tested in-ho	are no longer
10-Jan-22	995 Sabine	0	0		0	0	7	6.90	0.89	39.7	0.04	83.1		Tap Water
17-Jan-22	962 Ballenas	0	0		0	0	8	7.02	0.15	36.4	0.04	1 77 A	Results at https://www	rdn hc ca/
17-Jan-22	793 San Malo	0	0		0	0	8	7.05	0.80	36.2	0.04		san-pareil	
19-Jan-22	1090 Plummer	0	0		0	0	8	7.10	0.75	37.1	0.04	84.1		
25-Jan-22	995 Sabine	0	0		0	0	8	7.56	0.68	40.8	0.04	86.7		
CDN Drinkin	g Water Guidelines	<1	<1	<b>~</b>	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	0.3	<b>0.02</b> AO <b>0.12</b> MAC

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