



Regional District of Nanaimo - Water Services Department

San Pareil Water Analysis - 2021 Monthly Report

Date	Sample Location (Address)	BC Centre for Disease Control		RDN In-House Laboratory and Spectrophotometer									
		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)
01-Dec-21	962 Ballenas			0	0	9	6.88	0.30	69.2	0.07	146.1	Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/san-pareil	
08-Dec-21	1090 Plummer			0	0	10	7.06	0.61	39.2	0.04	83.9		
08-Dec-21	793 San Malo			0	0	10		0.61					
14-Dec-21	995 Sabine			0	0	9	7.20	0.62	41.1	0.04	91.3		
20-Dec-21	962 Ballenas			0	0	9	7.18	0.05	53.9	0.04	99.1		
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

Legend:

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

Green font indicates a value flagged for operational considerations

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.



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03-Nov-21	793 San Malo	0	0	0	0	11	7.03	0.59	36.8	0.04	78.3	Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/san-pareil	
10-Nov-21	995 Sabine			0	0	11	7.07	0.69	35.2	0.03	75.0		
17-Nov-21	962 Ballenas			0	0	10	7.24	0.06	43.2	0.04	91.7		
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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05-Oct-21	793 San Malo	0	0	0	0	14	7.01	0.58	47.6	0.05	101.1	Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/san-pareil	
13-Oct-21	962 Ballenas	0	0	0	0	14	7.04	0.20	45.1	0.04	95.6		
25-Oct-21	995 Sabine	0	0	0	0	13	7.07	0.55	59.0	0.06	124.8		
25-Oct-21	962 Ballenas	0	0	0	0	13	7.10	0.59	60.2	0.06	121.9		
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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08-Sep-21	793 San Malo	0	0	0	0	16	6.73	0.76	49.4	0.05	104.6	Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/san-pareil	
15-Sep-21	995 Sabine	0	0	0	0	17	6.96	0.54	48.0	0.05	101.8		
22-Sep-21	962 Ballenas	0	0	0	0	15	7.04	0.53	48.7	0.05	103.2		
28-Sep-21	1090 Plummer	0	0	0	0	15	7.03	0.60	46.2	0.05	97.1		
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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04-Aug-21	793 San Malo	0	0	0	0	17	6.67	0.63	47.4	0.05	100.4	Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/san-pareil	
11-Aug-21	995 Sabine	0	0	0	0	16	6.74	0.61	47.6	0.05	100.8		
17-Aug-21	962 Ballenas	0	0	0	0	17	6.78	0.49	49.4	0.05	104.8		
24-Aug-21	1090 Plummer	0	0	0	0	16	6.75	0.75	47.3	0.05	100.2		
31-Aug-21	962 Ballenas			0	0	20	6.76	0.49	51.3	0.05	108.7		
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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07-Jul-21	793 San Malo	0	0	0	0	19	6.50	0.24	52.0	0.05	108.6	Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/san-pareil	
14-Jul-21	995 Sabine	0	0	0	0	17	6.69	0.67	42.3	0.04	89.8		
21-Jul-21	962 Ballenas	0	0	0	0	15	6.67	0.68	47.1	0.05	99.8		
28-Jul-21	1090 Plummer	0	0	0	0	18	6.65	0.37	91.3	0.09	192.2		
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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02-Jun-21	793 San Malo	0	0	0	0	12	7.00	0.69	29.2	0.03	62.3	Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/san-pareil	
08-Jun-21	995 Sabine			0	0	9	6.93	0.83	28.7	0.03	60.7		
16-Jun-21	962 Ballenas			0	0	13	7.02	0.51	32.1	0.03	68.3		
22-Jun-21	1090 Plummer			0	0	11	6.79	0.71	32.3	0.03	68.6		
28-Jun-21	962 Ballenas	0	0	0	0	16	8.41	0.46	33.8	0.03	72.0		
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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05-May-21	793 San Malo	0	0	0	0	8	6.63	0.86	28.9	0.03	61.6	Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/san-pareil	
12-May-21	962 Ballenas	0	0	0	0	10	6.64	0.44	29.5	0.03	62.9		
19-May-21	995 Sabine	0	0	0	0	9	6.70	0.71	29.5	0.03	62.8		
26-May-21	1090 Plummmer	0	0	0	0	9	6.89	0.84	30.2	0.03	64.2		
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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07-Apr-21	793 San Malo	0	0	0	0	8	6.55	0.72	30.3	0.03	64.5	Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/san-pareil	
14-Apr-21	962 Ballenas	0	0	0	0	9	6.71	0.53	31.0	0.03	70.0		
21-Apr-21	995 Sabine	0	0	0	0	9	7.02	0.50	31.7	0.03	67.4		
28-Apr-21	1090 Plummer	0	0	0	0	8	6.65	0.30	28.6	0.03	60.9		
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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03-Mar-21	793 San Malo	0	0	0	0	7	6.68	0.38	35.8	0.04	76.2	Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/san-pareil	
10-Mar-21	962 Ballenas	0	0	0	0	8	6.74	0.25	37.8	0.04	80.4		
17-Mar-21	995 Sabine			0	0	8	6.58	0.96	33.2	0.03	70.5		
24-Mar-21	793 San Malo	0	0	0	0	7	6.90	0.95	36.1	0.04	75.9		
30-Mar-21	995 Sabine			0	0	8	6.89	0.80	32.1	0.03	75.9		
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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01-Feb-21	1090 Plummer	0	0	0	0	8	6.47	0.70	41.6	0.04	88.4	Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/san-pareil	
09-Feb-21	962 Ballenas			0	0	8	6.61	0.24	46.7	0.05	98.9		
16-Feb-21	995 Sabine	0	0	0	0	7	6.79	0.89	38.9	0.04	82.6		
17-Feb-21	1090 Plummer	0	0	0	0	7	6.71	0.90	40.1	0.04	90.1		
24-Feb-21	793 San Malo	0	0	0	0	7	6.61	0.70	36.5	0.04	77.7		
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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04-Jan-21	793 San Malo	0	0	0	0	9	6.59	0.59	35.1	0.03	64.7	Fe and Mn are no longer tested in-house. See Annual Tap Water Results at https://www.rdn.bc.ca/san-pareil	
04-Jan-21	1090 Plummer			0	0	8	6.57	0.80	30.7	0.03	65.1		
13-Jan-21	995 Sabine	0	0	0	0	9	6.95	0.72	37.6	0.04	79.9		
20-Jan-21	1090 Plummer	0	0	0	0	8	6.58	0.20	42.9	0.04	89.5		
27-Jan-21	962 Ballenas	0	0	0	0	8	6.62	0.19	44.9	0.04	95.0		
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