



Regional District of Nanaimo - Water Services Department

San Pareil Water Analysis - 2020 Monthly Report



Date	Sample Location (Address)	Health Department		In-House									
		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)
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		
	Average	0	0	0	0	10.5	6.9	0.71	30.0	0.03	63.9	0.04	0.004
	Maximum	0	0	0	0	11	6.92	0.8	30.4	0.03	64.8	0.04	0.004
	Minimum	0	0	0	0	10	6.91	0.61	29.6	0.03	62.9	0.04	0.004

Red font indicates non-compliance with Canadian Drinking Water Guidelines

Aesthetic Objective for Iron is ≤ 0.3 mg/L

Aesthetic Objective for Manganese is ≤ 0.05 mg/L

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

Yellow Column Coliform tests are completed by Health Department

Blue column tests are completed by RDN

Comments:

Iron and manganese are found naturally in drinking water. Levels found in these samples are not a health concern.

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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		
	Average	0	0	0	0	9.0	7.0	0.71	33.2	0.03	69.5	0.03	0.015
	Maximum	0	0	0	0	10	7.06	0.78	35.5	0.03	74.6	0.03	0.015
	Minimum	0	0	0	0	8	6.75	0.65	30.7	0.03	65.4	0.03	0.015

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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		
	Average	0	0	0	0	7.8	6.8	0.69	36.4	0.04	77.4	0.03	0.014
	Maximum	0	0	0	0	9	7.03	0.81	38.6	0.04	81.9	0.03	0.014
	Minimum	0	0	0	0	7	6.71	0.47	34.7	0.03	73.8	0.03	0.014

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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		
	Average	0	0	0	0	7.5	6.6	0.79	38.7	0.04	82.2	0.06	0.037
	Maximum	0	0	0	0	8	6.74	0.93	40.4	0.04	85.8	0.06	0.037
	Minimum	0	0	0	0	7	6.47	0.54	36.2	0.04	77	0.06	0.037

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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		
	Average	0	0	0	0	8.0	6.8	0.54	47.3	0.05	100.4	0.02	0.037
	Maximum	0	0	0	0	8	7	0.69	80.9	0.09	171.2	0.02	0.037
	Minimum	0	0	0	0	8	6.7	0.38	34.3	0.03	72.9	0.02	0.037

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