



Regional District of Nanaimo - Water Services Department

San Pareil Water Analysis - 2019 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-Mar-19	Behind 1190 Plummer	0	0	0	0	7		0.76					
6-Mar-19	995 Sabine	0	0	0	0	7	6.84	0.74	39.9	0.04	89.4	0.02	0.000
	Average	0	0	0	0	7.0	6.8	0.75	39.9	0.04	89.4	0.02	0.000
	Maximum	0	0	0	0	7	6.84	0.76	39.9	0.04	89.4	0.02	0.000
	Minimum	0	0	0	0	7	6.84	0.74	39.9	0.04	89.4	0.02	0.000

Red font indicates non-compliance with Canadian Drinking Water Guidelines

Aesthetic Objective for Iron is ≤0.3 mg/L

Aesthetic Objective for Manganese is ≤0.05mg/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-Feb-19	1190 Plummer	0	0	0	0	6	6.85	0.39	84.5	0.08	177.7	0.03	0.020
13-Feb-19	793 San Malo	0	0	0	0	6		0.77					
13-Feb-19	962 Ballenas	0	0	0	0	7	6.85	0.36	46.9	0.05	99.6		
20-Feb-19	995 Sabine	0	0	0	0		6.80	0.46	73.0	0.07	154.1		
	Average	0	0	0	0	6.3	6.8	0.50	68.1	0.07	143.8	0.03	0.02
	Maximum	0	0	0	0	7	6.85	0.77	84.5	0.08	177.7	0.03	0.02
	Minimum	0	0	0	0	6	6.8	0.36	46.9	0.05	99.6	0.03	0.02

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9-Jan-19	793 San Malo	0	0	0	0	7	6.71	0.51	41.0	0.04	81.0	0.02	0.014
16-Jan-19	995 Sabine	0	0	0	0	8	6.72	0.92	39.7	0.04	84.3		
30-Jan-19	962 Ballenas	0	0	0	0	7	6.88	0.31	47.4	0.05	99.8		
	Average	0	0	0	0	7.3	6.8	0.58	42.7	0.04	88.4	0.02	0.014
	Maximum	0	0	0	0	8	6.88	0.92	47.4	0.05	99.8	0.02	0.014
	Minimum	0	0	0	0	7	6.71	0.31	39.7	0.04	81.0	0.02	0.014

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