



Regional District of Nanaimo - Water Services Department

San Pareil Water Analysis - 2012 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)
4-Jan-12	787 San Malo	0	0	0	0	8	6.64	0.56	35.6	0.03	73.7	0.03	0.001
10-Jan-12	793 Terrien	0	0	0	0	8	6.57	0.73	36.9	0.04	78.5		
17-Jan-12	995 Sabine	0	0	0	0	7	6.51	0.65	35.2	0.03	74.9		
30-Jan-12	962 Ballenas	0	0	0	0	7	6.87	0.46	37.3	0.04	67.3		
	Average	0	0	0	0	7.5	6.65	0.60	36.3	0.04	73.6	0.03	0.001
	Maximum	0	0	0	0	8	6.87	0.73	37.3	0.04	78.5	0.03	0.001
	Minimum	0	0	0	0	7	6.51	0.46	35.2	0.03	67.3	0.03	0.001

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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7-Feb-12	787 San Malo	0	0	0	0	7	6.57	0.54	35.6	0.03	75.8	0.03	0.000
15-Feb-12	962 Ballenas	0	0	0	0	7	6.75	0.50	34.5	0.03	73.1		
22-Feb-12	793 Terrien Way	0	0	0	0	7	6.69	0.69	31.4	0.03	67.1		
29-Feb-12	995 Sabine	0	0	0	0	7	6.58	0.61	32.3	0.03	68.6		
	Average	0	0	0	0	7.0	6.6	0.59	33.5	0.03	71.2	0.03	0.000
	Maximum	0	0	0	0	7	6.75	0.69	35.6	0.03	75.8	0.03	0.000
	Minimum	0	0	0	0	7	6.57	0.50	31.4	0.03	67.1	0.03	0.000

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6-Mar-12	787 San Malo	A	A	0	0	7	6.58	0.50	33.6	0.03	71.5	0.03	0.001
14-Mar-12	793 Terrien	0	0	0	0	6	6.58	0.77	31.6	0.03	67.2		
21-Mar-12	962 Ballenas	0	0	0	0	7	7.61	0.51	34.0	0.03	60.1		
27-Mar-12	995 Sabine	0	0	0	0	8	6.54	0.67	33.0	0.03	70.1		
	Average	0	0	0	0	7.0	6.8	0.61	33.1	0.03	67.2	0.03	0.001
	Maximum	0	0	0	0	8	7.61	0.77	34	0.03	71.5	0.03	0.001
	Minimum	0	0	0	0	6	6.54	0.50	31.6	0.03	60.1	0.03	0.001

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4-Apr-12	787 San Malo	0	0	0	0		6.60	0.45	31.5	0.03	67.3	0.04	0.000
11-Apr-12	793 Terrien	0	0	0	0	8	6.55	0.65	31.5	0.03	67.2		
18-Apr-12	962 Ballenas	0	0	0	0	9	6.59	0.44	32.3	0.03	69.0		
24-Apr-12	995 Sabine	0	0	0	0	9	7.14	0.58	29.4	0.03	51.1		
	Average	0	0	0	0	8.7	6.7	0.53	31.2	0.03	63.7	0.04	0
	Maximum	0	0	0	0	9	7.14	0.65	32.3	0.03	69	0.04	0
	Minimum	0	0	0	0	8	6.55	0.44	29.4	0.03	51.1	0.04	0

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2-May-12	793 Terrien	0	0	0	0	8	6.62	0.56	29.0	0.03	61.8	0.05	0.002
9-May-12	995 Sabine	A	A	0	0	9	6.69	0.6	29.4	0.03	62.6		
15-May-12	787 San Malo	0	0	0	0	12	6.63	0.55	32.4	0.03	68.9		
23-May-12	962 Ballenas	0	0	0	0	11	6.69	0.37	31.1	0.03	66.2		
	Average	0	0	0	0	10.0	6.7	0.52	30.5	0.03	64.9	0.05	0.002
	Maximum	0	0	0	0	12	6.69	0.6	32.4	0.03	68.9	0.05	0.002
	Minimum	0	0	0	0	8	6.62	0.37	29	0.03	61.8	0.05	0.002

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6-Jun-12	787 San Malo	0	0	0	0	13	6.73	0.48	29.6	0.03	63.2	0.02	0.001
13-Jun-12	793 Terrien	0	0	0	0	9	6.79	0.61	28.2	0.03	60.1		
20-Jun-12	962 Ballenas	0	0	0	0	12	6.71	0.56	30.2	0.03	64.2		
27-Jun-12	995 Sabine	0	0	0	0	10	6.66		29.9	0.03	63.6		
	Average	0	0	0	0	11.0	6.7	0.55	29.5	0.03	62.8	0.02	0.001
	Maximum	0	0	0	0	13	6.79	0.61	30.2	0.03	64.2	0.02	0.001
	Minimum	0	0	0	0	9	6.66	0.48	28.2	0.03	60.1	0.02	0.001

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10-Jul-12	787 San Malo	0	0	0	0	14	6.62	0.44	31.8	0.03	67.2	0.06	0.009
18-Jul-12	793 Terrien	0	0	0	0	10	6.57	0.56	33.3	0.03	70.8		
25-Jul-12	962 Ballenas	0	0	0	0	13	6.99	0.54	34.7	0.03	74.1		
31-Jul-12	995 Sabine	0	0	0	0	11	6.70	0.54	36.7	0.04	78.2		
	Average	0	0	0	0	12.0	6.7	0.52	34.1	0.0	72.6	0.06	0.009
	Maximum	0	0	0	0	14	6.99	0.56	36.7	0.04	78.2	0.06	0.009
	Minimum	0	0	0	0	10	6.57	0.44	31.8	0.03	67.2	0.06	0.009

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8-Aug-12	995 Sabine	0	0	0	0	14	7.07	0.62	40.7	0.04	86.3	0.07	0.016
15-Aug-12	793 Terrien	0	0	0	0	13	7.25	0.71	42.1	0.04	89.3		
22-Aug-12	962 Ballenas	0	0	0	0	15	6.77	0.33	46.6	0.05	98.7		
29-Aug-12	787 San Malo	0	0	0	0	16	7.46	0.55	44.3	0.04	93.2		
	Average	0	0	0	0	14.5	7.1	0.55	43.4	0.0	91.9	0.07	0.016
	Maximum	0	0	0	0	16	7.46	0.71	46.6	0.05	98.7	0.07	0.016
	Minimum	0	0	0	0	13	6.77	0.33	40.7	0.04	86.3	0.07	0.016

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5-Sep-12	793 Terrien	0	0	0	0	14	7.23	0.94	45.4	0.04	96.3	0.08	0.024
11-Sep-12	995 Sabine	0	0	0	0	15	6.70	0.55	43.9	0.04	93.0		
18-Sep-12	962 Ballenas	0	0	0	0	15	6.95	0.31	46.9	0.05	99.5		
26-Sep-12	787 San Malo	0	0	0	0	14	6.60	0.59	44.4	0.04	94.2		
	Average	0	0	0	0	14.5	6.9	0.60	45.2	0.0	95.8	0.08	0.024
	Maximum	0	0	0	0	15	7.23	0.94	46.9	0.05	99.5	0.08	0.024
	Minimum	0	0	0	0	14	6.6	0.31	43.9	0.04	93	0.08	0.024

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2-Oct-12	793 Terrien	0	0	0	0	12	6.63	0.56	43.3	0.04	92.3	0.07	0.030
16-Oct-12	787 San Malo	0	0	0	0	14	6.64	0.47	45.6	0.04	96.7		
16-Oct-12	962 Ballenas	0	0	0	0	14	6.64	0.20	50.1	0.05	106.2		
24-Oct-12	995 Sabine	0	0	0	0	12	7.07	0.61	45.7	0.04	96.8		
	Average	0	0	0	0	13.0	6.7	0.46	46.2	0.0	98.0	0.07	0.03
	Maximum	0	0	0	0	14	7.07	0.61	50.1	0.05	106.2	0.07	0.03
	Minimum	0	0	0	0	12	6.63	0.2	43.3	0.04	92.3	0.07	0.03

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13-Nov-12	787 San Malo	0	0	0	0		6.67	0.4	44.1	0.04	93.4	0.06	0.005
13-Nov-12	793 Terrien	0	0	0	0		6.69	0.62	45.3	0.04	96.2	0.07	
20-Nov-12	962 Ballenas	0	0	0	0	11	6.62	0.05	51.4	0.05	109		
28-Nov-12	995 Sabine	A	A	0	0	9	6.64	0.7	36.8	0.04	78.4		
	Average	0	0	0	0	10.0	6.7	0.44	44.4	0.0	94.3	0.07	0.005
	Maximum	0	0	0	0	11	6.69	0.7	51.4	0.05	109	0.07	0.005
	Minimum	0	0	0	0	9	6.62	0.05	36.8	0.04	78.4	0.06	0.005

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4-Dec-12	787 San Malo	0	0	0	0	9	6.70	0.42	32.3	0.03	68.8	0.01	0.000
4-Dec-12	793 Terrien	0	0	0	0	10	6.65	0.62	32.2	0.03	68.4		
11-Dec-12	962 Ballenas	0	0	0	0	10	6.91	0.05	44.1	0.04	93.4		
17-Dec-12	995 Sabine	0	0	0	0	8	6.69	0.47	36.6	0.04	77.9		
	Average	0	0	0	0	9.3	6.7	0.39	36.3	0.0	77.1	0.01	0.000
	Maximum	0	0	0	0	10	6.91	0.62	44.1	0.04	93.4	0.01	0.000
	Minimum	0	0	0	0	8	6.65	0.05	32.2	0.03	68.4	0.01	0.000

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