



Regional District of Nanaimo - Utilities Department

San Pareil Water Analysis - Monthly Report



Date	Sample Location (Address)	Fecal Coli * Health Dep	Total Coli * Health Dep	Total Coli RDN	E Coli RDN	Temp ° C	pH	Cl ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
Jan-07													
3-Jan	995 Sabine	0	0	0	0	8	6.8	0.74	46	0	99	0.03	0.003
4-Jan	962 Ballenas			0	0			0.34					
9-Jan	Lot 4 San Malo	0	0	0	0	6	6.7	0.33	50	0.1	108		
11-Jan	962 Ballenas			0	0								
16-Jan	813 Alder Pl	0	0	0	0	7	6.3	0.48	50	0.1	107		
18-Jan	962 Ballenas			0	0								
23-Jan	875 Seashell	0	0										
	Average	0	0	0	0	7.0	6.6	0.47	48.7	0.1	104.7	0.03	0.003
	Maximum	0	0	0	0	8	6.8	0.74	50	0.1	108	0.03	0.003
	Minimum	0	0	0	0	6	6.3	0.33	46	0	99	0.03	0.003

Red font indicates non-compliance with Canadian Drinking Water Guidelines / BC Approved Water Quality Guidelines

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

* Yellow Column Coliform tests are done by Health Department

Green tests are completed by RDN

Comments:

Not all bacteria test results are returned from Health Department
therefore some data may be missing.

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

Date	Sample Location (Address)	Fecal Coli * Health Dep	Total Coli * Health Dep	Total Coli RDN	E Coli RDN	Temp ° C	pH	Cl ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
Feb-07													
6-Feb	Lot 4 San Malo	0	0	0	0	6	6.9	0.41	44	0	95	0.06	0.004
8-Feb	962 Ballenas			0	0			0.31					
13-Feb	995 Sabine	0	0	0	0	8	6.6	0.41	37	0	78		
15-Feb	962 Ballenas			0	0			0.22					
20-Feb	875 Seashell	0	0	0	0	8	6.9	0.42	38	0	81		
22-Feb	962 Ballenas			0	0								
27-Feb	813 Alder Pl	0	0	0	0	8	6.9	0.67	37	0	78		
	Average	0	0	0	0	7.5	6.8	0.41	39.0	0.0	83.0	0.06	0.004
	Maximum	0	0	0	0	8	6.9	0.67	44	0	95	0.06	0.004
	Minimum	0	0	0	0	6	6.6	0.22	37	0	78	0.06	0.004

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Mar-07													
6-Mar	995 Sabine Rd	0	0				6.8	0.61	34	0	72	0.03	0.001
8-Mar	962 Ballenas							0.43					
13-Mar	875 Seashell	0	0	0	0	8	6.9	0.42	32	0	68		
15-Mar	962 Ballenas							0.32					
20-Mar	813 Alder Place	0	0	0	0	8	6.8	0.39	35	0	74		
22-Mar	962 Ballenas							0.24					
27-Mar	Lot 4 San Malo	0	0	0	0	8	6.6	0.38	34	0	71.9		
29-Mar	962 Ballenas							0.3					
	Average	0	0	0	0	8.0	6.8	0.39	33.8	0.0	71.5	0.03	0.001
	Maximum	0	0	0	0	8	6.9	0.61	35	0	74	0.03	0.001
	Minimum	0	0	0	0	8	6.6	0.24	32	0	68	0.03	0.001

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Date Apr-07	Sample Location (Address)	Fecal Coli * Health Dep	Total Coli * Health Dep	Total Coli RDN	E Coli RDN	Temp ° C	pH	Cl ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
3-Apr	995 Sabine	0	0	0	0	8	6.5	0.51	35	0	73	0.01	0.001
11-Apr	875 Seashell	0	0	0	0	9	6.7	0.4	32	0	69		
13-Apr	962 Ballenas			0	0			0.02					
17-Apr	813 Alder	0	0	0	0		6.8	0.16	35	0	73.5		
24-Apr	Lot 4 San Malo	0	0	0	0	10	6.7	0.37	33	0	70		
26-Apr	962 Ballenas												
	Average	0	0	0	0	9.0	6.7	0.29	33.8	0.0	71.4	0.01	0.001
	Maximum	0	0	0	0	10	6.8	0.51	35	0	73.5	0.01	0.001
	Minimum	0	0	0	0	8	6.5	0.02	32	0	69	0.01	0.001

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Date May-07	Sample Location (Address)	Fecal Coli * Health Dep	Total Coli * Health Dep	Total Coli RDN	E Coli RDN	Temp ° C	pH	Cl ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
1-May	995 Sabine	0	0	0	0	10	6.7	0.48	32	0	68	0.03	0.002
3-May	962 Ballenas			0	0			0.37					
8-May	Lot 4 San Malo	0	0	0	0	11	6.9	0.26	32	0	67		
10-May	962 Ballenas			0	0			0.34					
15-May	813 Alder	0	0	0	0	9	6.8	0.6	31	0	66		
17-May	962 Ballenas			0	0			0.47					
23-May	875 Seashell	0	0	0	0	12	6.7	0.44	31	0	65		
24-May	962 Ballenas			0	0			0.47					
29-May	995 Sabine			0	0	11	6.9	0.55	30	0	64		
	Average	0	0	0	0	10.6	6.8	0.44	31.2	0.0	66.0	0.03	0.002
	Maximum	0	0	0	0	12	6.9	0.6	32	0	68	0.03	0.002
	Minimum	0	0	0	0	9	6.7	0.26	30	0	64	0.03	0.002

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Jun-07													
5-Jun	813 Alder Pl	0	0	0	0	11	6.6	0.42	29	0	62	0.03	0.002
7-Jun	962 Ballenas Rd			0	0			0.34					
12-Jun	995 Sabine Rd	0	0	0	0	12	6.8	0.22	29	0	62		
14-Jun	962 Ballenas Rd			0	0			0.82					
19-Jun	Lot 4 San Malo	0	0	0	0		6.7	0.52	32	0	69.4		
21-Jun	962 Ballenas Rd			0	0			0.54					
26-Jun	875 Seashell	0	0	0	0		6.9	0.68	35	0	73		
28-Jun	962 Ballenas Rd			0	0			0.54					
	Average	0	0	0	0	11.5	6.8	0.51	31.3	0.0	66.6	0.03	0.002
	Maximum	0	0	0	0	12	6.9	0.82	35	0	73	0.03	0.002
	Minimum	0	0	0	0	11	6.6	0.22	29	0	62	0.03	0.002

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Date Jul-07	Sample Location (Address)	Fecal Coli * Health Dep	Total Coli * Health Dep	Total Coli RDN	E Coli RDN	Temp ° C	pH	Cl ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
4-Jul	Lot 4 San Malo	0	0	0	0	17	6.9	0.49	39	0	81.4	0.03	0.001
5-Jul	962 Ballenas			0	0			0.72					
10-Jul	813 Alder Pl	0	0	0	0	12	6.8	0.79	35	0	75		
12-Jul	962 Ballenas			0	0			0.67					
17-Jul	875 Seashell pl	0	0	0	0	16	6.8	0.48	39	0	82		
19-Jul	962 Ballenas			0	0			0.42					
25-Jul	995 Sabine	0	0	0	0	14	6.6	0.64	37	0	78.5		
26-Jul	962 Ballenas			0	0			0.54					
31-Jul	962 Ballenas			0	0			0.58					
	Average	0	0	0	0	14.8	6.8	0.59	37.5	0.0	79.2	0.03	0.001
	Maximum	0	0	0	0	17	6.9	0.79	39	0	82	0.03	0.001
	Minimum	0	0	0	0	12	6.6	0.42	35	0	75	0.03	0.001

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Date Aug-07	Sample Location (Address)	Fecal Coli * Health Dep	Total Coli * Health Dep	Total Coli RDN	E Coli RDN	Temp ° C	pH	Cl ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
8-Aug	995 Sabine Rd	0	0	0	0	15	6.9	0.44	42	0	89	0.03	0.001
9-Aug	962 Ballenas			0	0			0.49					
14-Aug	Lot 4 San Malo	0	0	0	0	18	6.7	0.33	43	0	92		
16-Aug	962 Ballenas							0.46					
21-Aug	813 Alder	0	0	0	0								
21-Aug	962 Ballenas			0	0		6.7	0.34	48	0	98.9		
28-Aug	875 Seashell	0	0	0	0	17	6.9	0.1	48	0	101.7		
	Average	0	0	0	0	16.7	6.8	0.36	45.3	0.0	95.4	0.03	0.001
	Maximum	0	0	0	0	18	6.9	0.49	48	0	101.7	0.03	0.001
	Minimum	0	0	0	0	15	6.7	0.1	42	0	89	0.03	0.001

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Date Sep-07	Sample Location (Address)	Fecal Coli * Health Dep	Total Coli * Health Dep	Total Coli RDN	E Coli RDN	Temp ° C	pH	Cl ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
5-Sep	995 Sabine	0	0	0	0	17	7	0.44	49	0	102.9	0.03	0.019
6-Sep	962 Ballenas			0	0			0.36					
11-Sep	813 Alder Pl	0	0	0	0	15	6.8	0.6	47	0	99		
13-Sep	962 Ballenas			0	0			0.41					
18-Sep	Lot 4 San Malo	0	0					0.6					
25-Sep	875 Seashell	0	0	0	0	16	6.9	0.46	50	0.1	105		
27-Sep	962 Ballenas							0.38					
	Average	0	0	0	0	16.0	6.9	0.46	48.7	0.0	102.3	0.03	0.019
	Maximum	0	0	0	0	17	7	0.6	50	0.1	105	0.03	0.019
	Minimum	0	0	0	0	15	6.8	0.36	47	0	99	0.03	0.019

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Date Oct-07	Sample Location (Address)	Fecal Coli * Health Dep	Total Coli * Health Dep	Total Coli RDN	E Coli RDN	Temp ° C	pH	Cl ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
2-Oct	995 Sabine Rd	0	0	0	0	15	6.8	0.77	48	0	102	0.04	0.001
4-Oct	962 Ballenas Rd			0	0								
10-Oct	813 Alder	0	0	0	0	14	6.6	0.8	46	0	95.7		
16-Oct	Lot 4 San Malo	0	0	0	0	13	7	0.47	45	0	95		
18-Oct	962 Ballenas Rd			0	0			0.43					
22-Oct	875 Seashell	0	0	0	0								
30-Oct	995 Sabine Rd			0	0	13	7	0.59	38	0	82		
	Average	0	0	0	0	13.8	6.9	0.61	44.3	0.0	93.7	0.04	0.001
	Maximum	0	0	0	0	15	7	0.8	48	0	102	0.04	0.001
	Minimum	0	0	0	0	13	6.6	0.43	38	0	82	0.04	0.001

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6-Nov	813 Alder Pl	0	0	0	0	12	6.8	0.81	41	0	87	0.02	0.002
8-Nov	962 Ballenas			0	0			0.53					
14-Nov	995 Sabine	0	0	0	0	12	6.8	0.73	38	0	81		
15-Nov	962 Ballenas			0	0			0.49					
20-Nov	Lot 4 San Malo	0	0	0	0	10	6.8	0.46	43	0	91		
22-Nov	962 Ballenas			0	0			0.56					
27-Nov	875 Seashell	0	0	0	0	9	7	0.47	42	0	89		
	Average	0	0	0	0	10.8	6.9	0.58	41.0	0.0	87.0	0.02	0.002
	Maximum	0	0	0	0	12	7	0.81	43	0	91	0.02	0.002
	Minimum	0	0	0	0	9	6.8	0.46	38	0	81	0.02	0.002

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Date Dec-07	Sample Location (Address)	Fecal Coli * Health Dep	Total Coli * Health Dep	Total Coli RDN	E Coli RDN	Temp ° C	pH	Cl ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
4-Dec	813 Alder Pl	0	0	0	0	11	7	0.77	36	0	77	0.03	0.002
6-Dec	962 Ballenas Rd			0	0			0.26					
11-Dec	995 Sabine Rd	0	0	0	0	9	6.8	0.61	40	0	87		
13-Dec	962 Ballenas Rd			0	0			0.38					
18-Dec	Lot 4 San Malo	0	0	0	0	8	6.9	0.44	41	0	87		
20-Dec	962 Ballenas Rd							0.45					
	Average	0	0	0	0	9.3	6.9	0.49	39.0	0.0	83.7	0.03	0.002
	Maximum	0	0	0	0	11	7	0.77	41	0	87	0.03	0.002
	Minimum	0	0	0	0	8	6.8	0.26	36	0	77	0.03	0.002

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