



# Regional District of Nanaimo - Utilities Department

## Nanoose 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 <sub>2</sub> ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
Jan-07													
3-Jan	1597 Haida Way	0	0	0	0	7	7.1	0.08	152	0.2	322	0.13	0.148
9-Jan	1900 Sea Otter	0	0	0	0	7	6.9	0.07	156	0.2	330		
16-Jan	1270 Seadog	0	0	0	0	5	7	0.12	146	0.1	314		
23-Jan	1961 Harlequin	0	0										
	<b>Average</b>	0	0	0	0	6.3	7.0	0.09	151.3	0.2	322.0	0.13	0.148
	<b>Maximum</b>	0	0	0	0	7	7.1	0.12	156	0.2	330	0.13	0.148
	<b>Minimum</b>	0	0	0	0	5	6.9	0.07	146	0.1	314	0.13	0.148

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.**



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Feb-07													
6-Feb	1900 Sea Otter	0	0	0	0	6	7	0.11	162	0.2	346	0.1	0.135
13-Feb	1270 Seadog	0	0	0	0	8	7.1	0.11	151	0.2	320		
20-Feb	1961 Harlequin	0	0	0	0	7	7	0.04	159	0.2	336		
27-Feb	1597 Haida Way	0	0	0	0	8	7	0.11	151	0.2	320		
	<b>Average</b>	0	0	0	0	7.3	7.0	0.09	155.8	0.2	330.5	0.10	0.135
	<b>Maximum</b>	0	0	0	0	8	7.1	0.11	162	0.2	346	0.1	0.135
	<b>Minimum</b>	0	0	0	0	6	7	0.04	151	0.2	320	0.1	0.135

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6-Mar	1597 Haida Way	0	0				7.1	0.08	151	0.1	318	0.21	0.127
13-Mar	1900 Sea Otter Pl	0	0	0	0	7	7.1	0.08	157	0.2	334		
20-Mar	1270 Seadog	0	0	0	0	8	7.2	0.19	151	0.2	320		
27-Mar	1961 Harlequin	0	0	0	0	8	7.4	0.07	155	0.2	327		
<b>Average</b>		0	0	0	0	7.7	7.2	0.11	153.5	0.2	324.8	0.21	0.127
<b>Maximum</b>		0	0	0	0	8	7.4	0.19	157	0.2	334	0.21	0.127
<b>Minimum</b>		0	0	0	0	7	7.1	0.07	151	0.1	318	0.21	0.127

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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 <sub>2</sub> ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
3-Apr	1900 Sea Otter	0	0	0	0	9	7.3	0.04	157	0.2	334	0.12	0.07
11-Apr	1597 Haida	0	0	0	0	9	7.6	0.16	151	0.1	318		
17-Apr	1961 Harlequin	0	0	0	0		7.1	0.1	159	0.2	334		
24-Apr	1270 Seadog	0	0	0	0	10	7.5	0.21	150	0.1	316		
	<b>Average</b>	0	0	0	0	9.3	7.4	0.13	154.3	0.2	325.5	0.12	0.07
	<b>Maximum</b>	0	0	0	0	10	7.6	0.21	159	0.2	334	0.12	0.07
	<b>Minimum</b>	0	0	0	0	9	7.1	0.04	150	0.1	316	0.12	0.07

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1-May	1900 Sea Otter	0	0	0	0	11	7.2	0.08	157	0.2	330	0.36	0.102
8-May	1597 Haida Way	0	0	0	0	11	7.4	0.11	151	0.1	318		
15-May	1961 Harlequin	0	0	0	0	12	7.5	0.19	159	0.2	334		
23-May	1270 Seadog	0	0	0	0	12	7.6	0.18	151	0.1	318		
29-May	1900 Sea Otter			0	0	14	7.2	0.06	160	0.2	335		
	<b>Average</b>	0	0	0	0	12.0	7.4	0.12	155.6	0.2	327.0	0.36	0.102
	<b>Maximum</b>	0	0	0	0	14	7.6	0.19	160	0.2	335	0.36	0.102
	<b>Minimum</b>	0	0	0	0	11	7.2	0.06	151	0.1	318	0.36	0.102

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5-Jun	1900 Sea Otter	0	0	0	0	15	6.9	0.12	112	0.1	236	1.54	0.231
12-Jun	1597 Haida Way	0	0	0	0	13	6.9	0.14	110	0.1	232		
19-Jun	1270 Seadog	0	0	0	0		7	0.06	107	0.1	227		
26-Jun	1961 Harlequin	0	0	0	0		6.9	0.12	113	0.1	239		
	<b>Average</b>	0	0	0	0	14.0	6.9	0.11	110.5	0.1	233.5	1.54	0.231
	<b>Maximum</b>	0	0	0	0	15	7	0.14	113	0.1	239	1.54	0.231
	<b>Minimum</b>	0	0	0	0	13	6.9	0.06	107	0.1	227	1.54	0.231

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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 <sub>2</sub> ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
4-Jul	1900 Sea Otter	0	0	0	0	17	6.9	0.05	118	0.1	249	0.05	0.081
10-Jul	1597 Haida Way	0	0	0	0	14	6.9	0.08	116	0.1	243		
17-Jul	1270 Seadog	0	0	0	0	18	6.8	0.08	119	0.1	251		
25-Jul	1961 Harlequin	0	0	0	0	19	7	0.07	121	0.1	254		
	<b>Average</b>	0	0	0	0	17.0	6.9	0.07	118.5	0.1	249.3	0.05	0.081
	<b>Maximum</b>	0	0	0	0	19	7	0.08	121	0.1	254	0.05	0.081
	<b>Minimum</b>	0	0	0	0	14	6.8	0.05	116	0.1	243	0.05	0.081

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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 <sub>2</sub> ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
8-Aug	1900 Sea Otter	0	0	0	0	19	7	0.04	122	0.1	257	0.1	0.052
14-Aug	1597 Haida Way	0	0	0	0	15	7	0.14	121	0.1	254		
21-Aug	1961 Harlequin	0	0	0	0		6.8	0.03	121	0.1	254		
28-Aug	1270 Sea Dog	0	0	0	0	17	6.9	0.05	127	0.1	266		
	<b>Average</b>	0	0	0	0	17.0	6.9	0.07	122.8	0.1	257.8	0.10	0.052
	<b>Maximum</b>	0	0	0	0	19	7	0.14	127	0.1	266	0.1	0.052
	<b>Minimum</b>	0	0	0	0	15	6.8	0.03	121	0.1	254	0.1	0.052

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5-Sep	1900 Sea Otter	0	0	0	0	19	6.9	0.02	125	0.1	262	0.13	0.074
11-Sep	1597 Haida Way	0	0	0	0	14	7	0.11	123	0.1	259		
18-Sep	1961 Harlequin	0	0					0.04					
25-Sep	1270 Seadog	0	0	0	0	15	7.1	0.09	120	0.1	253		
	<b>Average</b>	0	0	0	0	16.0	7.0	0.07	122.7	0.1	258.0	0.13	0.074
	<b>Maximum</b>	0	0	0	0	19	7.1	0.11	125	0.1	262	0.13	0.074
	<b>Minimum</b>	0	0	0	0	14	6.9	0.02	120	0.1	253	0.13	0.074

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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 <sub>2</sub> ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
2-Oct	1900 Sea Otter PI	0	0	BG	0	15	7.1	0.02	119	0.1	250	0.22	0.051
10-Oct	1597 Haida Way	0	0	0	0	13	7.1	0.08	148	0.1	310		
16-Oct	1270 Seadog	0	0	0	0	13	7.2	0.08	153	0.2	322		
22-Oct	1961 Harlequin	0	0	0	0								
30-Oct	1900 Sea Otter PI					12	7.1	0.03	166	0.2	350		
	<b>Average</b>	0	0	0	0	13.3	7.1	0.05	146.5	0.2	308.0	0.22	0.051
	<b>Maximum</b>	0	0	0	0	15	7.2	0.08	166	0.2	350	0.22	0.051
	<b>Minimum</b>	0	0	0	0	12	7.1	0.02	119	0.1	250	0.22	0.051

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6-Nov	1597 Haida Way	0	0	0	0	12	6.9	0.09	152	0.2	323	0.39	0.183
14-Nov	1900 Sea Otter	0	0	0	0	11	6.9	0.09	170	0.2	360		
20-Nov	1270 Seadog	0	0	0	0	10	7	0.08	153	0.2	326		
27-Nov	1961 Harlequin	0	0	0	0	8	7	0.08	176	0.2	373		
	<b>Average</b>	0	0	0	0	10.3	7.0	0.09	162.8	0.2	345.5	0.39	0.183
	<b>Maximum</b>	0	0	0	0	12	7	0.09	176	0.2	373	0.39	0.183
	<b>Minimum</b>	0	0	0	0	8	6.9	0.08	152	0.2	323	0.39	0.183

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4-Dec	1597 Haida Way	0	0	0	0	8	7.1	0.06	152	0.2	323	0.12	0.156
11-Dec	1900 Sea Otter Pl	0	0	0	0	7	7	0.08	168	0.2	359		
18-Dec	1270 Seadog	0	0	0	0	7	7	0.12	145	0.1	309		
	<b>Average</b>	0	0	0	0	7.3	7.0	0.09	155.0	0.2	330.3	0.12	0.156
	<b>Maximum</b>	0	0	0	0	8	7.1	0.12	168	0.2	359	0.12	0.156
	<b>Minimum</b>	0	0	0	0	7	7	0.06	145	0.1	309	0.12	0.156

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