



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 ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
03-Jan	1597 Haida Way	0	0	0	0	7	7.1	0.08	152	0.2	322	0.13	0.148
09-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										
	Average	0	0	0	0	6.3	7.0	0.09	151.3	0.2	322.0	0.13	0.148
	Maximum	0	0	0	0	7	7.1	0.12	156	0.2	330	0.13	0.148
	Minimum	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													
06-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		
	Average	0	0	0	0	7.3	7.0	0.09	155.8	0.2	330.5	0.10	0.135
	Maximum	0	0	0	0	8	7.1	0.11	162	0.2	346	0.1	0.135
	Minimum	0	0	0	0	6	7	0.04	151	0.2	320	0.1	0.135

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06-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		
Average		0	0	0	0	7.7	7.2	0.11	153.5	0.2	324.8	0.21	0.127
Maximum		0	0	0	0	8	7.4	0.19	157	0.2	334	0.21	0.127
Minimum		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 ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
03-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		
	Average	0	0	0	0	9.3	7.4	0.13	154.3	0.2	325.5	0.12	0.07
	Maximum	0	0	0	0	10	7.6	0.21	159	0.2	334	0.12	0.07
	Minimum	0	0	0	0	9	7.1	0.04	150	0.1	316	0.12	0.07

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01-May	1900 Sea Otter	0	0	0	0	11	7.2	0.08	157	0.2	330	0.36	0.102
08-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		
	Average	0	0	0	0	12.0	7.4	0.12	155.6	0.2	327.0	0.36	0.102
	Maximum	0	0	0	0	14	7.6	0.19	160	0.2	335	0.36	0.102
	Minimum	0	0	0	0	11	7.2	0.06	151	0.1	318	0.36	0.102

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05-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		
	Average	0	0	0	0	14.0	6.9	0.11	110.5	0.1	233.5	1.54	0.231
	Maximum	0	0	0	0	15	7	0.14	113	0.1	239	1.54	0.231
	Minimum	0	0	0	0	13	6.9	0.06	107	0.1	227	1.54	0.231

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04-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		
	Average	0	0	0	0	17.0	6.9	0.07	118.5	0.1	249.3	0.05	0.081
	Maximum	0	0	0	0	19	7	0.08	121	0.1	254	0.05	0.081
	Minimum	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 ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
08-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		
	Average	0	0	0	0	17.0	6.9	0.07	122.8	0.1	257.8	0.10	0.052
	Maximum	0	0	0	0	19	7	0.14	127	0.1	266	0.1	0.052
	Minimum	0	0	0	0	15	6.8	0.03	121	0.1	254	0.1	0.052

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05-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		
	Average	0	0	0	0	16.0	7.0	0.07	122.7	0.1	258.0	0.13	0.074
	Maximum	0	0	0	0	19	7.1	0.11	125	0.1	262	0.13	0.074
	Minimum	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 ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
02-Oct	1900 Sea Otter Pl	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 Pl					12	7.1	0.03	166	0.2	350		
	Average	0	0	0	0	13.3	7.1	0.05	146.5	0.2	308.0	0.22	0.051
	Maximum	0	0	0	0	15	7.2	0.08	166	0.2	350	0.22	0.051
	Minimum	0	0	0	0	12	7.1	0.02	119	0.1	250	0.22	0.051

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06-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		
	Average	0	0	0	0	10.3	7.0	0.09	162.8	0.2	345.5	0.39	0.183
	Maximum	0	0	0	0	12	7	0.09	176	0.2	373	0.39	0.183
	Minimum	0	0	0	0	8	6.9	0.08	152	0.2	323	0.39	0.183

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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
04-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		
	Average	0	0	0	0	7.3	7.0	0.09	155.0	0.2	330.3	0.12	0.156
	Maximum	0	0	0	0	8	7.1	0.12	168	0.2	359	0.12	0.156
	Minimum	0	0	0	0	7	7	0.06	145	0.1	309	0.12	0.156

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