



Regional District of Nanaimo - Utilities Department

Driftwood 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
04-Jan	1900 Sea Otter	0	0	0	0	8	7.0	0.05	155	0.2	327	0.03	0.11
10-Jan	1597 Haida Way	0	0	0	0	8	7.1	0.22	154	0.2	327		
17-Jan	1270 Seadog	0	0	0	0	7	7.2	0.11	154	0.2	327		
23-Jan	1961 Harlequin	0	0	0	0	7	7.2	0.14	154	0.2	326		
30-Jan	1900 Sea Otter			0	0	7	7.2	0.08	164	0.2	347		
	Average	0	0	0	0	7.4	7.1	0.12	156.2	0.2	330.8	0.03	0.11
	Maximum	0	0	0	0	8	7.2	0.22	164	0.2	347	0.03	0.11
	Minimum	0	0	0	0	7	7	0.05	154	0.2	326	0.03	0.11

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-06													
07-Feb	1270 Seadog	0	0	0	0	8	7.2	0.10	154	0.2	325	0.07	0.163
14-Feb	1900 Sea Otter	0	0	0	0	7	7.0	0.07	165	0.2	351		
21-Feb	1597 Haida Way	0	0	0	0	7	6.6	0.09	151	0.2	320		
28-Feb	1961 Harlequin	0	0	0	0	5	7.2	0.09	161	0.2	341		
	Average	0	0	0	0	6.8	7.0	0.09	157.8	0.2	334.3	0.07	0.163
	Maximum	0	0	0	0	8	7.2	0.1	165	0.2	351	0.07	0.163
	Minimum	0	0	0	0	5	6.6	0.07	151	0.2	320	0.07	0.163

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Comments:

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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
07-Mar	1900 Sea Otter	0	0	0	0	7	6.9	0.06	162	0.2	344	0.12	0.084
14-Mar	1597 Haida Way	0	0	0	0	8	7.4	0.14	153	0.2	324		
21-Mar	1270 Seadog	0	0	0	0	7	7.2	0.07	156	0.2	329		
28-Mar	1961 Harlequin	0	0	0	0	9	7.2	0.05	160	0.2	338		
	Average	0	0	0	0	7.8	7.2	0.08	157.8	0.2	333.8	0.12	0.084
	Maximum	0	0	0	0	9	7.4	0.14	162	0.2	344	0.12	0.084
	Minimum	0	0	0	0	7	6.9	0.05	153	0.2	324	0.12	0.084

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

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Green tests are completed by RDN

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Comments:

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Regional District of Nanaimo - Utilities Department

Driftwood Water Analysis - Monthly Report



Date Apr-06	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-Apr	1597 Haida Way	0	0	0	0	9	7.1	0.09	153	0.2	322	0.50	0.214
11-Apr	1900 Sea Otter	0	0	0	0	10	7.0	0.09	160	0.2	337		
19-Apr	1270 Seadog	0	0	0	0	9	7.3	0.13	154	0.2	325		
25-Apr	1961 Harlequin	0	0	0	0	10	7.1	0.06	163	0.2	344		
	Average	0	0	0	0	9.5	7.1	0.09	157.5	0.2	332.0	0.50	0.214
	Maximum	0	0	0	0	10	7.3	0.13	163	0.2	344	0.5	0.214
	Minimum	0	0	0	0	9	7	0.06	153	0.2	322	0.5	0.214

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Comments:

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Driftwood Water Analysis - Monthly Report



Date May-06	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-May	1270 Seadog	0	0	0	0	12	7.2	0.08	153	0.2	321	0.06	0.156
09-May	1900 Sea Otter	0	0	0	0	12	7.1	0.06	162	0.2	340		
16-May	1597 Haida Way	0	0	0	0	12	6.9	0.15	159	0.2	333		
23-May	1961 Harlequin	0	0	0	0	14	6.9	0.10	116	0.1	243		
30-May	1900 Sea Otter			0	0	14	6.9	0.11	123	0.1	258		
	Average	0	0	0	0	12.8	7.0	0.10	142.6	0.2	299.0	0.06	0.156
	Maximum	0	0	0	0	14	7.2	0.15	162	0.2	340	0.06	0.156
	Minimum	0	0	0	0	12	6.9	0.06	116	0.1	243	0.06	0.156

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Comments:

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06-Jun	1270 Seadog	0	0	0	0	14	6.8	0.10	99	0.1	208	0.16	0.125
13-Jun	1900 Sea Otter	0	0	0	0	15	6.8	0.13	125	0.1	263		
20-Jun	1597 Haida Way	0	0	0	0	14	6.8	0.12	102	0.1	214		
27-Jun	1961 Harlequin	0	0	0	0	17	6.8	0.07	102	0.1	215		
	Average	0	0	0	0	15.0	6.8	0.11	107.0	0.1	225.0	0.16	0.125
	Maximum	0	0	0	0	17	6.8	0.13	125	0.1	263	0.16	0.125
	Minimum	0	0	0	0	14	6.8	0.07	99	0.1	208	0.16	0.125

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05-Jul	1900 Sea Otter	0	0	0	0	18	6.9	0.05	103	0.1	216	1.18	0.147
11-Jul	1270 Sea Dog	0	6	3	0	17	7.0	0.05	106	0.1	223		
12-Jul	1270 Sea Dog	0	0	0	0								
18-Jul	1961 Harlequin	0	0	0	0	17	7.0	0.07	107	0.1	234		
25-Jul	1597 Haida Way	0	0	0	0	19	7.0	0.19	111	0.1	234		
25-Jul	1270 Sea Dog												
	Average	0	1.2	0.6	0	17.8	7.0	0.09	106.8	0.1	226.8	1.18	0.147
	Maximum	0	6	3	0	19	7	0.19	111	0.1	234	1.18	0.147
	Minimum	0	0	0	0	17	6.9	0.05	103	0.1	216	1.18	0.147

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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.

* Sample taken on July 12 at 1270 Seadog is a follow-up to July 11. In-house bacteria testing.

* Sample taken on July 25 at 1270 Seadog is a follow-up to July 11. Request from Health Department.



Regional District of Nanaimo - Utilities Department

Driftwood Water Analysis - Monthly Report



Date Aug-06	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
01-Aug	1900 Sea Otter	0	0			19	7.0	0.08	113	0.1	236		
09-Aug	1270 Sea Dog	0	0	0	0	18	6.9	0.13	117	0.1	247	0.13	0.103
15-Aug	1961 Harlequin	0	0	0	0	18	7.0	0.13	114	0.1	238		
22-Aug	1597 Haida Way	0	0	0	0	15	7.0	0.14	111	0.1	233		
29-Aug	1900 Sea Otter			0	0	19	7.0	0.05	115	0.1	242		
	Average	0	0	0	0	17.8	7.0	0.11	114.0	0.1	239.2	0.13	0.103
	Maximum	0	0	0	0	19	7	0.14	117	0.1	247	0.13	0.103
	Minimum	0	0	0	0	15	6.9	0.05	111	0.1	233	0.13	0.103

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06-Sep	1900 Sea Otter	0	0	0	0	18	7.0	0.05	111	0.1	232	0.19	0.117
12-Sep	1597 Haida Way	0	0	0	0	15	7.0	0.12	114	0.1	241		
19-Sep	1270 Seadog	0	0	0	0	15	6.9	0.09	110	0.1	232		
26-Sep	1961 Harlequin	0	0	0	0	15	7.0	0.11	111	0.1	232		
	Average	0	0	0	0	15.8	7.0	0.09	111.5	0.1	234.3	0.19	0.117
	Maximum	0	0	0	0	18	7	0.12	114	0.1	241	0.19	0.117
	Minimum	0	0	0	0	15	6.9	0.05	110	0.1	232	0.19	0.117

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Date Oct-06	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-Oct	1900 Sea Otter	0	0	0	0	16	6.7	0.04	114	0.1	240	0.2	0.115
11-Oct	1597 Haida Way	0	0	0	0	13	7.1	0.11	111	0.1	234		
17-Oct	1270 Seadog	0	0	0	0	13	7.0	0.13	115	0.1	241		
24-Oct	1961 Harlequin	0	0										
	Average	0	0	0	0	14.0	6.9	0.09	113.3	0.1	238.3	0.20	0.115
	Maximum	0	0	0	0	16	7.1	0.13	115	0.1	241	0.2	0.115
	Minimum	0	0	0	0	13	6.7	0.04	111	0.1	234	0.2	0.115

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Date Nov-06	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
07-Nov	1900 Sea Otter	0	0	0	0	11	6.8	0.05	139	0.1	286	0.06	0.064
15-Nov	1597 Haida Way	0	0	0	0	10	7.3	0.27	158	0.2	335		
21-Nov	1270 Seadog	0	0	0	0	10	7.3	0.14	157	0.2	333		
28-Nov	1961 Harlequin	0	0										
28-Nov	1597 Haida Way							0.05					
	Average	0	0	0	0	10.3	7.1	0.13	151.3	0.2	318.0	0.06	0.064
	Maximum	0	0	0	0	11	7.3	0.27	158	0.2	335	0.06	0.064
	Minimum	0	0	0	0	10	6.8	0.05	139	0.1	286	0.06	0.064

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Date Dec-06	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
05-Dec	1270 Seadog	0	0	0	0	7	7.3	0.18	159	0.2	340	0.12	0.168
12-Dec	1900 Sea Otter	0	0	0	0	7	7.3	0.09	152	0.2	323		
19-Dec	1597 Haida	0	0	0	0	8	7.2	0.06	149	0.1	318		
	Average	0	0	0	0	7.3	7.3	0.11	153.3	0.2	327.0	0.12	0.168
	Maximum	0	0	0	0	8	7.3	0.18	159	0.2	340	0.12	0.168
	Minimum	0	0	0	0	7	7.2	0.06	149	0.1	318	0.12	0.168

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