



# 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-08													
08-Jan	1961 Harlequin	0	0	0	0	6	7	0.06	173	0.2	362	0.09	0.145
15-Jan	1900 Sea Otter	0	0	0	0	6	7	0.02	162	0.2	346		
22-Jan	1597 Haida Way	0	0			6	7	0.05	149	0.1	319		
29-Jan	1270 Seadog	0	0	0	0	6		0.05					
	<b>Average</b>	0	0	0	0	6.0	7.0	0.05	161.3	0.2	342.3	0.09	0.145
	<b>Maximum</b>	0	0	0	0	6	7	0.06	173	0.2	362	0.09	0.145
	<b>Minimum</b>	0	0	0	0	6	7	0.02	149	0.1	319	0.09	0.145

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-08													
05-Feb	1900 Sea Otter	0	0	0	0	6	6.9	0.04	151	0.2	325	0.38	0.111
12-Feb	1597 Haida Way	0	0	0	0	7	7.1	0.11	153	0.2	325		
20-Feb	1270 Seadog	0	0	0	0	7	6.9	0.11	153	0.2	325		
26-Feb	1961 Harlequin	0	0	0	0	8	7.1	0.11	157	0.2	334		
	<b>Average</b>	0	0	0	0	7.0	7.0	0.09	153.5	0.2	327.3	0.38	0.111
	<b>Maximum</b>	0	0	0	0	8	7.1	0.11	157	0.2	334	0.38	0.111
	<b>Minimum</b>	0	0	0	0	6	6.9	0.04	151	0.2	325	0.38	0.111

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04-Mar	1900 Sea Otter	0	0	0	0	7	6.9	0.05	157	0.2	332	0.27	0.128
12-Mar	1597 Haida Way	0	0	0	0	9	7.1	0.11	150	0.1	318		
18-Mar	1270 Seadog	0	0	0	0	9	7	0.05	152	0.2	321		
26-Mar	1961 Harlequin	0	0			8	6.9	0.04	166	0.2	355		
<b>Average</b>		0	0	0	0	8.3	7.0	0.06	156.3	0.2	331.5	0.27	0.128
<b>Maximum</b>		0	0	0	0	9	7.1	0.11	166	0.2	355	0.27	0.128
<b>Minimum</b>		0	0	0	0	7	6.9	0.04	150	0.1	318	0.27	0.128

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# Regional District of Nanaimo - Utilities Department

## Nanoose Water Analysis - Monthly Report



Date Apr-08	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
02-Apr	1900 Sea Otter	0	0	0	0	8	6.9	0.04	159	0.2	339	0.22	
08-Apr	1597 Haida Way	0	0	0	0	9	7	0.09	153	0.2	324		
15-Apr	1270 Seadog Rd	0	0	0	0	10	6.9	0.09	154	0.2	325		0.159
22-Apr	1961 Harlequin	0	0	0	0	11	7	0.12	163	0.2	344		
	<b>Average</b>	0	0	0	0	9.5	7.0	0.09	157.3	0.2	333.0	0.22	0.159
	<b>Maximum</b>	0	0	0	0	11	7	0.12	163	0.2	344	0.22	0.159
	<b>Minimum</b>	0	0	0	0	8	6.9	0.04	153	0.2	324	0.22	0.159

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06-May	1900 Sea Otter PI	0	0	0	0	12	7	0.03	163	0.2	344	0.25	0.144
14-May	1597 Haida Way	0	0										
21-May	1961 Harlequin	0	0	0	0	13	6.9	0.05	162	0.2	340		
27-May	1270 Seadog	0	0	0	0	14	6.9	0.12	154	0.2	321		
	<b>Average</b>	0	0	0	0	13.0	6.9	0.07	159.7	0.2	335.0	0.25	0.144
	<b>Maximum</b>	0	0	0	0	14	7	0.12	163	0.2	344	0.25	0.144
	<b>Minimum</b>	0	0	0	0	12	6.9	0.03	154	0.2	321	0.25	0.144

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## Nanoose Water Analysis - Monthly Report



Date Jun-08	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
04-Jun	1900 Sea Otter Pl	0	0	0	0	15	6.8	0.04	156	0.2	328	0.09	0.088
11-Jun	1597 Haida Way	0	0	0	0	13	6.9	0.15	146	0.1	307		
17-Jun	1270 Seadog	0	0	0	0	15	6.8	0.07	128	0.1	268		
24-Jun	1961 Harlequin	0	0	0	0	15	6.9	0.07	130	0.1	275		
	<b>Average</b>	0	0	0	0	14.5	6.9	0.08	140.0	0.1	294.5	0.09	0.088
	<b>Maximum</b>	0	0	0	0	15	6.9	0.15	156	0.2	328	0.09	0.088
	<b>Minimum</b>	0	0	0	0	13	6.8	0.04	128	0.1	268	0.09	0.088

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02-Jul	1900 Sea Otter	0	0										
09-Jul	1597 Haida Way	0	0	0	0	14	6.8	0.11	124	0.1	261	0.45	0.15
15-Jul	1270 Seadog	0	0	0	0	18	6.9	0.08	129	0.1	272		
22-Jul	1961 Harlequin	0	0	0	0	19	6.8	0.04	130	0.1	272	0.14	0.161
29-Jul	1597 Haida Way			0	0	15	6.7	0.12	126	0.1	265	0.4	0.166
	<b>Average</b>	0	0	0	0	16.5	6.8	0.09	127.3	0.1	267.5	0.33	0.159
	<b>Maximum</b>	0	0	0	0	19	6.9	0.12	130	0.1	272	0.45	0.166
	<b>Minimum</b>	0	0	0	0	14	6.7	0.04	124	0.1	261	0.14	0.15

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## Nanoose Water Analysis - Monthly Report



Date Aug-08	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
06-Aug	1900 Sea Otter	0	0	BG	0	19	6.8	0.03	130	0.1	273	0.4	0.067
12-Aug	1597 Haida Way	0	0	0	0	13	6.7	0.09	129	0.1	270	0.32	0.168
19-Aug	1961 Harlequin	0	0	0	0	18	6.8	0.02	128	0.1	268	0.13	0.169
26-Aug	1270 Sea Dog	0	0	0	0	17	6.8	0.01	132	0.1	277		0.162
	<b>Average</b>	0	0	0	0	16.8	6.8	0.04	129.8	0.1	272.0	0.28	0.1415
	<b>Maximum</b>	0	0	0	0	19	6.8	0.09	132	0.1	277	0.4	0.169
	<b>Minimum</b>	0	0	0	0	13	6.7	0.01	128	0.1	268	0.13	0.067

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03-Sep	1900 Sea Otter	0	0										
09-Sep	1270 Sea Dog	0	0										
16-Sep	1597 Haida Way	0	0	0	0	14	7	0.03	129	0.1	271	0.37	0.164
24-Sep	1961 Harlequin	0	0										
	<b>Average</b>	0	0	0	0	14.0	7.0	0.03	129.0	0.1	271.0	0.37	0.164
	<b>Maximum</b>	0	0	0	0	14	7	0.03	129	0.1	271	0.37	0.164
	<b>Minimum</b>	0	0	0	0	14	7	0.03	129	0.1	271	0.37	0.164

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Date Oct-08	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
07-Oct	1900 Sea Otter	0	0	0	0	15	6.9	0.04	133	0.1	280	0.04	0.147
15-Oct	1597 Haida Way	0	0	0	0	12	7	0.04	127	0.1	268		
21-Oct	1270 Seadog	0	0	0	0	12	7.1	0.02	125	0.1	265		
29-Oct	1961 Harlequin	0	0	0	0	12	6.9	0.04	153	0.2	321		
	<b>Average</b>	0	0	0	0	12.8	7.0	0.04	134.5	0.1	283.5	0.04	0.147
	<b>Maximum</b>	0	0	0	0	15	7.1	0.04	153	0.2	321	0.04	0.147
	<b>Minimum</b>	0	0	0	0	12	6.9	0.02	125	0.1	265	0.04	0.147

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Date Nov-08	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
04-Nov	1900 Sea Otter	0	0	0	0	12	7	0.05	152	0.2	320	0.05	0.093
12-Nov	1597 Haida Way	0	0	0	0	11	7.1	0.05	152	0.2	320		
18-Nov	1961 Harlequin	0	0	0	0	11	6.8	0.04	167	0.2	351		
25-Nov	1270 Seadog	0	0	0	0	10	6.8	0.02	151	0.2	319		
	<b>Average</b>	0	0	0	0	11.0	6.9	0.04	155.5	0.2	327.5	0.05	0.093
	<b>Maximum</b>	0	0	0	0	12	7.1	0.05	167	0.2	351	0.05	0.093
	<b>Minimum</b>	0	0	0	0	10	6.8	0.02	151	0.2	319	0.05	0.093

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Date Dec-08	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
02-Dec	1900 Sea Otter	0	0	0	0	10	6.8	0.05	170	0.2	359	0.05	0.112
09-Dec	1597 Haida Way	0	0	0	0	10	7	0.07	155	0.2	327		
16-Dec	1270 Seadoog	0	0										
	<b>Average</b>	0	0	0	0	10.0	6.9	0.06	162.5	0.2	343.0	0.05	0.112
	<b>Maximum</b>	0	0	0	0	10	7	0.07	170	0.2	359	0.05	0.112
	<b>Minimum</b>	0	0	0	0	10	6.8	0.05	155	0.2	327	0.05	0.112

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