

## Regional District of Nanaimo - Utilities Department

## Westbay Water Analysis - Monthly Report

Date Jan-05	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
5-Jan	2315 Ida Ln	0	0	0	0	9	7.1	0.05	165	0.2	349		
18-Jan	2450 Nanoose Rd			0	0	7	6.9	0.03	156	0.2	334	0.34	0.174
25-Jan	2315 Ida Ln			0	0	9	7	0.05	173	0.2	365		
	<b>Average</b>	0	0	0	0	8.3	7.0	0.04	164.7	0.2	349.3	0.34	0.174
	<b>Maximum</b>	0	0	0	0	9	7.1	0.05	173	0.2	365	0.34	0.174
	<b>Minimum</b>	0	0	0	0	7	6.9	0.03	156	0.2	334	0.34	0.174

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

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1-Feb	2315 Ida Ln	0	0	0	0	9	7	0.05	175	0.2	371	0.07	0.133
8-Feb	2450 Nanoose Rd			0	0	8	7	0.06	155	0.2	327		
15-Feb	2315 Ida Ln			0	0	8	7	0.05	176	0.2	376		
22-Feb	2450 Nanoose Rd			0	0	8	6.9	0.07	161	0.2	343		
	<b>Average</b>	0	0	0	0	8.3	7.0	0.06	166.8	0.2	354.3	0.07	0.133
	<b>Maximum</b>	0	0	0	0	9	7	0.07	176	0.2	376	0.07	0.133
	<b>Minimum</b>	0	0	0	0	8	6.9	0.05	155	0.2	327	0.07	0.133

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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
1-Mar	2315 Ida Ln	0	0	0	0	8	7.2	0.02	178	0.2	373	0.07	0.128
8-Mar	2450 Nanoose Rd					9	7.2	0.05	153	0.2	324		
15-Mar	2315 Ida Ln			0	0	10	7.2	0.02	166	0.2	349		
<b>Average</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9.0</b>	<b>7.2</b>	<b>0.03</b>	<b>165.7</b>	<b>0.2</b>	<b>348.7</b>	<b>0.07</b>	<b>0.128</b>
<b>Maximum</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>7.2</b>	<b>0.05</b>	<b>178</b>	<b>0.2</b>	<b>373</b>	<b>0.07</b>	<b>0.128</b>
<b>Minimum</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>7.2</b>	<b>0.02</b>	<b>153</b>	<b>0.2</b>	<b>324</b>	<b>0.07</b>	<b>0.128</b>

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# Regional District of Nanaimo - Utilities Department

## Westbay Water Analysis - Monthly Report



Date Apr-05	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
5-Apr	2315 Ida Ln	0	0	0	0	10	7.1	0.09	175	0.2	373	0.07	0.149
12-Apr	2450 Nanoose Rd			0	0	10	7.1	0.05	145	0.1	300		
19-Apr	2315 Ida Ln			0	0	10	6.8	0.08	175	0.2	366		
26-Apr	2450 Nanoose Rd			0	0	11	7	0.04	156	0.2	327		
<b>Average</b>		0	0	0	0	10.3	7.0	0.07	162.8	0.2	341.5	0.07	0.149
<b>Maximum</b>		0	0	0	0	11	7.1	0.09	175	0.2	373	0.07	0.149
<b>Minimum</b>		0	0	0	0	10	6.8	0.04	145	0.1	300	0.07	0.149

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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.



# Regional District of Nanaimo - Utilities Department

## Westbay 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
3-May	2315 Ida Lane	0	0	0	0	12	7	0.05	175	0.2	368	0.06	0.144
10-May	2450 Nanoose Rd			0	0	12	7.1	0.02	142	0.1	298		
17-May	2315 Ida Lane			0	0	13	7	0.04	175	0.2	368		
25-May	2450 Nanoose Rd			0	0	14	7	0.09	172	0.2	361		
31-May	2315 Ida Lane			0	0	13	7.1	0.05	173	0.2	363		
<b>Average</b>		0	0	0	0	12.8	7.0	0.05	167.4	0.2	351.6	0.06	0.144
<b>Maximum</b>		0	0	0	0	14	7.1	0.09	175	0.2	368	0.06	0.144
<b>Minimum</b>		0	0	0	0	12	7	0.02	142	0.1	298	0.06	0.144

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**Comments:**

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# Regional District of Nanaimo - Utilities Department

## Westbay Water Analysis - Monthly Report



Date Jun-05	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
7-Jun	2315 Ida Lane	0	0	0	0	14	7.1	0.1	178	0.2	371	0.06	0.178
14-Jun	2450 Nanoose			0	0	12	7	0.07	140	0.1	295		
21-Jun	2315 Ida Lane			0	0	14	7.2	0.09	153	0.2	323		
28-Jun	2450 Nanoose			0	0	12	7.1	0.02	139	0.1	292		
	<b>Average</b>	0	0	0	0	13.0	7.1	0.07	152.5	0.2	320.3	0.06	0.178
	<b>Maximum</b>	0	0	0	0	14	7.2	0.1	178	0.2	371	0.06	0.178
	<b>Minimum</b>	0	0	0	0	12	7	0.02	139	0.1	292	0.06	0.178

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**Comments:**

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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
5-Jul	2315 Ida Lane	0	0	0	0	17	7.1	0.08	163	0.2	341	0.07	0.156
12-Jul	2450 Nanoose			0	0	12	6.9	0.02	137	0.1	287		
19-Jul	2315 Ida Lane			0	0	16	7.1	0.05	158	0.2	332		
26-Jul	2450 Nanoose			0	0	12	7.1	0.03	137	0.1	288		
	<b>Average</b>	0	0	0	0	14.3	7.1	0.05	148.8	0.2	312.0	0.07	0.156
	<b>Maximum</b>	0	0	0	0	17	7.1	0.08	163	0.2	341	0.07	0.156
	<b>Minimum</b>	0	0	0	0	12	6.9	0.02	137	0.1	287	0.07	0.156

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**Comments:**

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# Regional District of Nanaimo - Utilities Department

## Westbay Water Analysis - Monthly Report

Date Aug-05	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-Aug	2315 Ida Lane			0	0	17	7	0.03	148	0.1	312	0.24	0.208
9-Aug	2450 Nanoose			0	0	12	7.1	0.03	137	0.1	289		
16-Aug	2315 Ida Lane			0	0	18	7.1	0.04	154	0.2	325		
23-Aug	2450 Nanoose			0	0	12	7	0.04	138	0.1	287		
30-Aug	2315 Ida Lane			0	0	18	7.1	0.09	166	0.2	348		
	<b>Average</b>	#DIV/0!	#DIV/0!	0	0	15.4	7.1	0.05	148.6	0.1	312.2	0.24	0.208
	<b>Maximum</b>	0	0	0	0	18	7.1	0.09	166	0.2	348	0.24	0.208
	<b>Minimum</b>	0	0	0	0	12	7	0.03	137	0.1	287	0.24	0.208

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# Regional District of Nanaimo - Utilities Department

## Westbay Water Analysis - Monthly Report

Date Sep-05	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
7-Sep	2315 Ida Lane			0	0	18	7	0.13	174	0.2	366	0.22	0.146
13-Sep	2450 Nanoose Rd			1	0	15	7	0.09	162	0.2	340		
20-Sep	2315 Ida Lane			0	0	18	7	0.08	176	0.2	368		
27-Sep	2450 Nanoose Rd			0	0	18	6.9	0.04	154	0.2	324		
<b>Average</b>		#DIV/0!	#DIV/0!	0.25	0	17.3	7.0	0.09	166.5	0.2	349.5	0.22	0.146
<b>Maximum</b>		0	0	1	0	18	7	0.13	176	0.2	368	0.22	0.146
<b>Minimum</b>		0	0	0	0	15	6.9	0.04	154	0.2	324	0.22	0.146

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4-Oct	2315 Ida Lane			0	0	17	7	0.03	172	0.2	360	0.06	0.161
12-Oct	2450 Nanoose			0	0	14	6.9	0.02	140	0.1	293		
18-Oct	2315 Ida Lane			0	0	18	7	0.04	171	0.2	358		
25-Oct	2450 Nanoose			0	0	14	6.8	0.06	154	0.2	323		
	<b>Average</b>			0	0	15.8	6.9	0.04	159.3	0.2	333.5	0.06	0.161
	<b>Maximum</b>			0	0	18	7	0.06	172	0.2	360	0.06	0.161
	<b>Minimum</b>			0	0	14	6.8	0.02	140	0.1	293	0.06	0.161

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1-Nov	2315 Ida Lane	0	0	0	0	14	6.9	0.06	168	0.2	355	0.08	0.155
8-Nov	2450 Nanoose			0	0	12	7.1	0.03	148	0.1	313		
15-Nov	2315 Ida Lane			0	0	12	7.3	0.04	162	0.2	343		
22-Nov	2450 Nanoose			0	0	10	6.5	0.1	172	0.2	362		
29-Nov	2315 Ida Lane					10	7	0.06	163	0.2	348		
	<b>Average</b>	0	0	0	0	11.6	7.0	0.06	162.6	0.2	344.2	0.08	0.155
	<b>Maximum</b>	0	0	0	0	14	7.3	0.1	172	0.2	362	0.08	0.155
	<b>Minimum</b>	0	0	0	0	10	6.5	0.03	148	0.1	313	0.08	0.155

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06-Dec	2315 Ida Ln	0	0	0	0	10	7.0	0.06	162	0.2	342	0.12	0.176
13-Dec	2450 Nanoose			0	0	9	6.9	0.14	170	0.2	358		
20-Dec	2315 Ida Ln					10	7.2	0.08	171	0.2	362		
	<b>Average</b>	0	0	0	0	9.7	7.0	0.09	167.7	0.2	354.0	0.12	0.176
	<b>Maximum</b>	0	0	0	0	10	7.2	0.14	171	0.2	362	0.12	0.176
	<b>Minimum</b>	0	0	0	0	9	6.9	0.06	162	0.2	342	0.12	0.176

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