



# 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
06-Jan	2315 Ida Ln	0	0	0	0	8	7.1	0.03	164	0.2	351	0.09	0.139
13-Jan	2450 Nanoose Rd			0	0	8	7	0.11	163	0.2	346		
20-Jan	2315 Ida Ln			0	0	7	6.9	0.03	164	0.2	353		
27-Jan	2450 Nanoose Rd			0	0	8	7	0.06	163	0.2	349		
	<b>Average</b>	0	0	0	0	7.8	7.0	0.06	163.5	0.2	349.8	0.09	0.139
	<b>Maximum</b>	0	0	0	0	8	7.1	0.11	164	0.2	353	0.09	0.139
	<b>Minimum</b>	0	0	0	0	7	6.9	0.03	163	0.2	346	0.09	0.139

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:**

Iron and manganese are found naturally in drinking water. Levels found in these samples are not a health concern.



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03-Feb	2315 Ida Ln	0	0	0	0	7	7.1	0.03	165	0.2	350	0.12	0.123
10-Feb	2450 Nanoose Rd			0	0	8	7.2	0.04	162	0.2	349		
17-Feb	2315 Ida Ln			0	0	7	7	0.05	141	0.1	300		
24-Feb	2450 Nanoose Rd			0	0	9	7	0.04	143	0.1	301		
	<b>Average</b>	0	0	0	0	7.8	7.1	0.04	152.8	0.2	325.0	0.12	0.123
	<b>Maximum</b>	0	0	0	0	9	7.2	0.05	165	0.2	350	0.12	0.123
	<b>Minimum</b>	0	0	0	0	7	7	0.03	141	0.1	300	0.12	0.123

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03-Mar	2315 Ida Ln	0	0	0	0	8	7.1	0.03	142	0.1	303	0.12	0.171
10-Mar	2450 Nanoose Rd			0	0	8	7.3	0.07	139	0.1	297		
18-Mar	2315 Ida Ln			0	0	8	7.2	0.05	139	0.1	296		
25-Mar	2450 Nanoose Rd			0	0	9	7.2	0.21	154	0.2	328		
	<b>Average</b>	0	0	0	0	8.3	7.2	0.09	143.5	0.1	306.0	0.12	0.171
	<b>Maximum</b>	0	0	0	0	9	7.3	0.21	154	0.2	328	0.12	0.171
	<b>Minimum</b>	0	0	0	0	8	7.1	0.03	139	0.1	296	0.12	0.171

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Apr-09													
15-Apr	2315 Ida Ln	0	0										
22-Apr	2450 Nanoose	0	0	0	0	10	7	0.06	153	0.2	322		
29-Apr	2315 Ida Ln					11	7.2	0.05	154	0.2	324		
	<b>Average</b>	0	0	0	0	10.5	7.1	0.06	153.5	0.2	323.0	#DIV/0!	#DIV/0!
	<b>Maximum</b>	0	0	0	0	11	7.2	0.06	154	0.2	324	0	0
	<b>Minimum</b>	0	0	0	0	10	7	0.05	153	0.2	322	0	0

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05-May	2315 Ida Ln	0	0	0	0	11	7.2	0.05	152	0.2	322	0.18	0.151
12-May	2450 Nanoose Rd			0	0	11	7	0.15	150	0.1	316		
27-May	2450 Nanoose Rd			0	0	13	6.5	0.05	32	0	68		
	<b>Average</b>	0	0	0	0	11.7	6.9	0.08	111.3	0.1	235.3	0.18	0.151
	<b>Maximum</b>	0	0	0	0	13	7.2	0.15	152	0.2	322	0.18	0.151
	<b>Minimum</b>	0	0	0	0	11	6.5	0.05	32	0	68	0.18	0.151

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02-Jun	2315 Ida Ln	0	0	0	0	14	6.8	0.09	62	0.1	130	0.25	0.076
09-Jun	2450 Nanoose Rd			0	0	15	6.4	0.08	34	0	71		
	<b>Average</b>	0	0	0	0	14.5	6.6	0.09	48.0	0.1	100.5	0.25	0.076
	<b>Maximum</b>	0	0	0	0	15	6.8	0.09	62	0.1	130	0.25	0.076
	<b>Minimum</b>	0	0	0	0	14	6.4	0.08	34	0	71	0.25	0.076

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07-Jul	2315 Ida Ln	0	0	0	0	16	6.5	0.02	57	0.1	121	0.09	0.045
15-Jul	2450 Nanoose Rd			0	0	15	6.9	0.22	146	0.1	306		
29-Jul	2315 Ida Ln			0	0	19	6.6	0.05	119	0.1	252		
	<b>Average</b>	0	0	0	0	16.7	6.7	0.10	107.3	0.1	226.3	0.09	0.045
	<b>Maximum</b>	0	0	0	0	19	6.9	0.22	146	0.1	306	0.09	0.045
	<b>Minimum</b>	0	0	0	0	15	6.5	0.02	57	0.1	121	0.09	0.045

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# Regional District of Nanaimo - Utilities Department

## Westbay Water Analysis - Monthly Report



Date Aug-09	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
05-Aug	2315 Ida Ln	0	0	0	0	19	6.7	0.04	89	0.1	188	0.08	0.069
12-Aug	2450 Nanoose Rd			0	0	15	6.8	0.11	154	0.2	325		
19-Aug	2315 Ida Ln			0	0	19	6.8	0.02	98	0.1	208		
25-Aug	2450 Nanoose Rd			0	0	16	6.9	0.07	126	0.1	263		
<b>Average</b>		0	0	0	0	17.3	6.8	0.06	116.8	0.1	246.0	0.08	0.069
<b>Maximum</b>		0	0	0	0	19	6.9	0.11	154	0.2	325	0.08	0.069
<b>Minimum</b>		0	0	0	0	15	6.7	0.02	89	0.1	188	0.08	0.069

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**Comments:**

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# Regional District of Nanaimo - Utilities Department

## Westbay Water Analysis - Monthly Report



Date Sep-09	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
01-Sep	2315 Ida Lane							0.02					
16-Sep	2450 Nanoose					16	6.8	0.05	79	0.1	167		
22-Sep	2315 Ida Lane			0	0	19	6.7	0.01	132	0.1	284		
29-Sep	2450 Nanoose			0	0	14	6.7	0.02	66	0.1	139.2		
	<b>Average</b>	#DIV/0!	#DIV/0!	0	0	16.3	6.7	0.03	92.3	0.1	196.7	#DIV/0!	#DIV/0!
	<b>Maximum</b>	0	0	0	0	19	6.8	0.05	132	0.1	284	0	0
	<b>Minimum</b>	0	0	0	0	14	6.7	0.01	66	0.1	139.2	0	0

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05-Oct	2315 Ida Ln			0	0	17	6.8	0.02	141	0.1	296	0.03	
14-Oct	2450 Nanoose Rd			0	0	13	6.7	0.07	93	0.1	197		0.095
20-Oct	2315 Ida Ln			0	0	14	6.8	0.05	116	0.1	243		
28-Oct	2450 Nanoose Rd			0	0	14	7.3	0.02	147	0.1	310		
	<b>Average</b>	#DIV/0!	#DIV/0!	0	0	14.5	6.9	0.04	124.3	0.1	261.5	0.03	0.095
	<b>Maximum</b>	0	0	0	0	17	7.3	0.07	147	0.1	310	0.03	0.095
	<b>Minimum</b>	0	0	0	0	13	6.7	0.02	93	0.1	197	0.03	0.095

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Date Nov-09	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	2315 Ida Ln	0	0	0	0	13	7.2	0.02	153	0.2	322	0.05	0.095
10-Nov	2450 Nanoose Rd			0	0	11	6.7	0.09	148	0.1	314		
17-Nov	2315 Ida Ln			0	0	11	7.2	0.06	151	0.1	319		
24-Nov	2450 Nanoose Rd			0	0	10	7	0.08	148	0.1	313		
	<b>Average</b>	0	0	0	0	11.3	7.0	0.06	150.0	0.1	317.0	0.05	0.095
	<b>Maximum</b>	0	0	0	0	13	7.2	0.09	153	0.2	322	0.05	0.095
	<b>Minimum</b>	0	0	0	0	10	6.7	0.02	148	0.1	313	0.05	0.095

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Date Dec-09	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	2315 Ida Ln	0	0	0	0	10	7.1	0.07	152	0.2	322	0.09	0.12
08-Dec	2450 Nanoose Rd			0	0	7	7.2	0.04	143	0.1	304		
22-Dec	2315 Ida Ln			0	0	9	6.8	0.03	149	0.1	315		
30-Dec	2450 Nanoose Rd			0	0	9	6.9	0.1	148	0.1	314		
	<b>Average</b>	0	0	0	0	8.8	7.0	0.06	148.0	0.1	313.8	0.09	0.12
	<b>Maximum</b>	0	0	0	0	10	7.2	0.1	152	0.2	322	0.09	0.12
	<b>Minimum</b>	0	0	0	0	7	6.8	0.03	143	0.1	304	0.09	0.12

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