



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 ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
Jan-07													
3-Jan	2315 Ida Ln	0	0	0	0	9	7.1	0.12	157	0.2	334	0.09	0.099
9-Jan	2450 Nanoose Rd			0	0	9	6.9	0.19	158	0.2	336		
16-Jan	2315 Ida Ln			0	0	6	6.9	0.06	158	0.2	335		
	Average	0	0	0	0	8.0	7.0	0.12	157.7	0.2	335.0	0.09	0.099
	Maximum	0	0	0	0	9	7.1	0.19	158	0.2	336	0.09	0.099
	Minimum	0	0	0	0	6	6.9	0.06	157	0.2	334	0.09	0.099

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													
6-Feb	2315 Ida Ln	0	0	0	0	8	7	0.05	160	0.2	340	0.08	0.088
13-Feb	2450 Nanoose Rd			0	0	9	7	0.08	156	0.2	330		
20-Feb	2315 Ida Ln			0	0	8	7	0.09	158	0.2	335		
27-Feb	2450 Nanoose Rd			0	0	9	7	0.22	150	0.1	316		
	Average	0	0	0	0	8.5	7.0	0.11	156.0	0.2	330.3	0.08	0.088
	Maximum	0	0	0	0	9	7	0.22	160	0.2	340	0.08	0.088
	Minimum	0	0	0	0	8	7	0.05	150	0.1	316	0.08	0.088

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Mar-07													
6-Mar													
13-Mar	2315 Ida Ln	0	0	0	0	8	7.3	0.15	153	0.2	324		
20-Mar	2450 Nanoose Rd			0	0	8	7.1	0.29	157	0.2	332		
27-Mar	2315 Ida Ln			0	0	9	7.2	0.09	161	0.2	338		
	Average	0	0	0	0	8.3	7.2	0.18	157.0	0.2	331.3	#DIV/0!	#DIV/0!
	Maximum	0	0	0	0	9	7.3	0.29	161	0.2	338	0	0
	Minimum	0	0	0	0	8	7.1	0.09	153	0.2	324	0	0

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3-Apr	2450 Nanoose			0	0	9	7.4	0.08	158	0.2	334	0.36	0.161
11-Apr	2315 Ida Ln	0	0	0	0	10	7.6	0.12	158	0.2	334		
17-Apr	2450 Nanoose			0	0	10	7.3	0.16	157	0.2	331		
24-Apr	2315 Ida Ln			0	0	10	7	0.17	159	0.2	333		
	Average	0	0	0	0	9.8	7.3	0.13	158.0	0.2	333.0	0.36	0.161
	Maximum	0	0	0	0	10	7.6	0.17	159	0.2	334	0.36	0.161
	Minimum	0	0	0	0	9	7	0.08	157	0.2	331	0.36	0.161

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1-May	2315 Ida Ln	0	0	0	0	11	7.4	0.11	159	0.2	335	0.05	0.098
8-May	2450 Nanoose Rd			0	0	11	7.4	0.05	157	0.2	329		
15-May	2315 Ida Ln			0	0	11	7.2	0.06	255	0.3	531		
23-May	2450 Nanoose Rd			0	0	11	7.5	0.26	157	0.2	330		
29-May	2315 Ida Ln			0	0	12	7.6	0.12	169	0.2	354		
	Average	0	0	0	0	11.2	7.4	0.12	179.4	0.2	375.8	0.05	0.098
	Maximum	0	0	0	0	12	7.6	0.26	255	0.3	531	0.05	0.098
	Minimum	0	0	0	0	11	7.2	0.05	157	0.2	329	0.05	0.098

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5-Jun	2315 Ida Ln	0	0	0	0	14	7	0.06	66	0.1	140	0.02	0.003
12-Jun	2450 Nanoose Rd			0	0	12	7.1	0.09	167	0.2	350		
19-Jun	2315 Ida Ln			0	0		7	0.07	168	0.2	353		
26-Jun	2450 Nanoose Rd			0	0		6.9	0.06	135	0.1	283		
	Average	0	0	0	0	13.0	7.0	0.07	134.0	0.2	281.5	0.02	0.003
	Maximum	0	0	0	0	14	7.1	0.09	168	0.2	353	0.02	0.003
	Minimum	0	0	0	0	12	6.9	0.06	66	0.1	140	0.02	0.003

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4-Jul	2315 Ida Ln	0	0	0	0	16	7	0.01	130	0.1	273	0.34	0.177
10-Jul	2450 Nanoose Rd			0	0	13	6.9	0.09	174	0.2	366		
17-Jul	2315 Ida Ln			0	0	16	6.9	0.06	135	0.1	283		
25-Jul	2450 Nanoose Rd			0	0	13	6.9	0.01	135	0.1	284		
Average		0	0	0	0	14.5	6.9	0.04	143.5	0.1	301.5	0.34	0.177
Maximum		0	0	0	0	16	7	0.09	174	0.2	366	0.34	0.177
Minimum		0	0	0	0	13	6.9	0.01	130	0.1	273	0.34	0.177

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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
8-Aug	2315 Ida Ln	0	0	0	0	18	7	0.12	137	0.1	288	0.21	0.184
14-Aug	2450 Nanoose Rd			0	0	13	6.9	0.05	135	0.1	283		
21-Aug	2315 Ida Ln			0	0		6.9	0.01	142	0.1	298		
28-Aug	2450 Nanoose Rd			0	0	12	6.9	0.01	136	0.1	286		
	Average	0	0	0	0	14.3	6.9	0.05	137.5	0.1	288.8	0.21	0.184
	Maximum	0	0	0	0	18	7	0.12	142	0.1	298	0.21	0.184
	Minimum	0	0	0	0	12	6.9	0.01	135	0.1	283	0.21	0.184

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Sep-07													
5-Sep	2315 Ida Lane	0	0	0	0	18	6.8	0.01	139	0.1	293	0.18	0.198
11-Sep	2450 Nanoose Rd			0	0	13	7	0.11	136	0.1	284		
18-Sep	2315 Ida Lane												
25-Sep	2450 Nanoose Rd			0	0	12	7.1	0.22	169	0.2	355		
	Average	0	0	0	0	14.3	7.0	0.11	148.0	0.1	310.7	0.18	0.198
	Maximum	0	0	0	0	18	7.1	0.22	169	0.2	355	0.18	0.198
	Minimum	0	0	0	0	12	6.8	0.01	136	0.1	284	0.18	0.198

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2-Oct	2315 Ida Ln	0	0	0	0	16	6.9	0.04	138	0.01	290	0.14	0.147
10-Oct	2450 Nanoose			0	0	11	7.2	0.03	135	0.1	284		
16-Oct	2315 Ida Ln			0	0	15	7.3	0.03	167	0.2	351		
30-Oct	2450 Nanoose					12	7.1	0.08	152	0.2	323		
	Average	0	0	0	0	13.5	7.1	0.05	148.0	0.1	312.0	0.14	0.147
	Maximum	0	0	0	0	16	7.3	0.08	167	0.2	351	0.14	0.147
	Minimum	0	0	0	0	11	6.9	0.03	135	0.01	284	0.14	0.147

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6-Nov	2315 Ida Ln	0	0	0	0	13	6.9	0.06	165	0.2	348	0.24	0.181
14-Nov	2450 Nanoose Rd			0	0	11	7	0.08	165	0.2	350		
20-Nov	2315 Ida Ln			0	0	12	7	0.11	163	0.2	349		
27-Nov	2450 Nanoose Rd					10	7	0.08	157	0.2	333		
	Average	0	0	0	0	11.5	7.0	0.08	162.5	0.2	345.0	0.24	0.181
	Maximum	0	0	0	0	13	7	0.11	165	0.2	350	0.24	0.181
	Minimum	0	0	0	0	10	6.9	0.06	157	0.2	333	0.24	0.181

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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
4-Dec	2315 Ida Lane	0	0	0	0	11	7	0.02	160	0.2	338	0.14	0.162
11-Dec	2450 Nanoose Rd			0	0	9	7	0.05	158	0.2	335		
18-Dec	2315 Ida Lane			0	0	9	7	0.06	162	0.2	346		
	Average	0	0	0	0	9.7	7.0	0.04	160.0	0.2	339.7	0.14	0.162
	Maximum	0	0	0	0	11	7	0.06	162	0.2	346	0.14	0.162
	Minimum	0	0	0	0	9	7	0.02	158	0.2	335	0.14	0.162

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