



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-08	2315 Ida Lane	0	0	0	0	9	7.1	0.05	165	0.2	346	0.13	0.162
15-Jan	2450 Nanoose Rd			0	0	8	7	0.03	159	0.2	337		
22-Jan	2315 Ida Lane					7	7	0.09	155	0.2	332		
	Average	0	0	0	0	8.0	7.0	0.06	159.7	0.2	338.3	0.13	0.162
	Maximum	0	0	0	0	9	7.1	0.09	165	0.2	346	0.13	0.162
	Minimum	0	0	0	0	7	7	0.03	155	0.2	332	0.13	0.162

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	2315 Ida Ln	0	0	0	0	8	7	0.08	164	0.2	353	0.08	0.156
12-Feb	2450 Nanoose Rd			0	0	9	7	0.05	162	0.2	343		
20-Feb	2315 Ida Ln			0	0	8	6.9	0.09	165	0.2	349		
26-Feb	2450 Nanoose Rd			0	0	10	7	0.07	164	0.2	347		
	Average	0	0	0	0	8.8	7.0	0.07	163.8	0.2	348.0	0.08	0.156
	Maximum	0	0	0	0	10	7	0.09	165	0.2	353	0.08	0.156
	Minimum	0	0	0	0	8	6.9	0.05	162	0.2	343	0.08	0.156

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04-Mar	2315 Ida Ln	0	0	0	0	9	7	0.06	164	0.2	347	0.12	0.175
12-Mar	2450 Nanoose Rd			0	0	9	7	0.08	162	0.2	341		
18-Mar	2315 Ida Ln			0	0	9	7	0.05	163	0.2	345		
26-Mar	2450 Nanoose Rd					9	7	0.02	162	0.2	345		
Average		0	0	0	0	9.0	7.0	0.05	162.8	0.2	344.5	0.12	0.175
Maximum		0	0	0	0	9	7	0.08	164	0.2	347	0.12	0.175
Minimum		0	0	0	0	9	7	0.02	162	0.2	341	0.12	0.175

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Date Apr-08	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-Apr	2315 Ida Ln	0	0	0	0	9	6.9	0.04	163	0.2	346	0.08	
08-Apr	2450 Nanoose Rd			0	0	10	6.9	0.04	160	0.2	339		
15-Apr	2315 Ida Ln			0	0	10	6.9	0.05	162	0.2	341		0.143
22-Apr	2450 Nanoose Rd			0	0	11	7	0.06	159	0.2	336		
	Average	0	0	0	0	10.0	6.9	0.05	161.0	0.2	340.5	0.08	0.143
	Maximum	0	0	0	0	11	7	0.06	163	0.2	346	0.08	0.143
	Minimum	0	0	0	0	9	6.9	0.04	159	0.2	336	0.08	0.143

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Date May-08	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
06-May	2315 Ida Ln	0	0	0	0	11	7.1	0.08	160	0.2	338	0.13	0.145
21-May	2450 Nanoose Rd			0	0	12	6.8	0.02	134	0.1	282		
27-May	2315 Ida Ln			0	0	14	6.9	0.08	143	0.1	301		
	Average	0	0	0	0	12.3	6.9	0.06	145.7	0.1	307.0	0.13	0.145
	Maximum	0	0	0	0	14	7.1	0.08	160	0.2	338	0.13	0.145
	Minimum	0	0	0	0	11	6.8	0.02	134	0.1	282	0.13	0.145

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04-Jun	2315 Ida Ln	0	0	0	0	14	6.9	0.04	162	0.2	341	0.1	0.163
11-Jun	2450 Nanoose Rd			0	0	14	6.7	0.04	54	0.1	114		
17-Jun	2315 Ida Ln			0	0	14	6.8	0.08	81	0.1	171		
24-Jun	2450 Nanoose Rd			0	0	15	6.7	0.06	34	0	72		
	Average	0	0	0	0	14.3	6.8	0.06	82.8	0.1	174.5	0.10	0.163
	Maximum	0	0	0	0	15	6.9	0.08	162	0.2	341	0.1	0.163
	Minimum	0	0	0	0	14	6.7	0.04	34	0	72	0.1	0.163

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02-Jul	2315 Ida Ln	0	0										
09-Jul	2450 Nanoose Rd			0	0	17	6.6	0.02	33	0	71	0.32	0.037
15-Jul	2315 Ida Ln			0	0	16	6.7	0.03	72	0.1	150		
22-Jul	2450 Nanoose Rd			0	0	16	6.7	0.11	124	0.1	261	0.49	0.172
29-Jul	2315 Ida Ln			0	0	18	6.6	0.03	89	0.1	188	0.2	0.102
Average		0	0	0	0	16.8	6.7	0.05	79.5	0.1	167.5	0.34	0.1037
Maximum		0	0	0	0	18	6.7	0.11	124	0.1	261	0.49	0.172
Minimum		0	0	0	0	16	6.6	0.02	33	0	71	0.2	0.037

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Date Aug-08	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
06-Aug	2315 Ida Ln	0	0	0	0	18	6.8	0.03	97	0.1	203	0.19	0.076
12-Aug	2450 Nanoose Rd			0	0	17	6.6	0.06	75	0.1	158	0.67	0.095
19-Aug	2315 Ida Ln			0	0	18	6.7	0.01	74	0.1	156.4		0.055
26-Aug	2450 Nanoose Rd			0	0	17	6.7	0.05	109	0.1	229		0.14
	Average	0	0	0	0	17.5	6.7	0.04	88.8	0.1	186.6	0.43	0.0915
	Maximum	0	0	0	0	18	6.8	0.06	109	0.1	229	0.67	0.14
	Minimum	0	0	0	0	17	6.6	0.01	74	0.1	156.4	0.19	0.055

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Sep-08	2315 Ida Lane	0	0										
16-Sep	2450 Nanoose Rd			0	0	16	6.6	0.05	79	0.1	167	0.3	0.095
	Average	0	0	0	0	16.0	6.6	0.05	79.0	0.1	167.0	0.30	0.095
	Maximum	0	0	0	0	16	6.6	0.05	79	0.1	167	0.3	0.095
	Minimum	0	0	0	0	16	6.6	0.05	79	0.1	167	0.3	0.095

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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 ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
07-Oct	2315 Ida Ln	0	0	0	0	16	6.8	0.01	96	0.1	203	0.12	0.052
15-Oct	2450 Nanoose Rd			0	0	13	6.8	0.03	63	0.1	133		
21-Oct	2315 Ida Ln			0	0	14	7.1	0.03	94	0.1	199		
29-Oct	2450 Nanoose Rd			0	0	12	6.9	0.07	112	0.1	237		
	Average	0	0	0	0	13.8	6.9	0.04	91.3	0.1	193.0	0.12	0.052
	Maximum	0	0	0	0	16	7.1	0.07	112	0.1	237	0.12	0.052
	Minimum	0	0	0	0	12	6.8	0.01	63	0.1	133	0.12	0.052

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04-Nov	2315 Ida Ln	0	0	0	0	11	7	0.02	94	0.1	199	0.14	0.04
12-Nov	2450 Nanoose Rd			0	0	13	7	0.12	163	0.2	343		
18-Nov	2315 Ida Ln			0	0	12	6.9	0.03	167	0.2	350		
25-Nov	2450 Nanoose Rd			0	0	11	6.8	0.13	162	0.2	342		
	Average	0	0	0	0	11.8	6.9	0.08	146.5	0.2	308.5	0.14	0.04
	Maximum	0	0	0	0	13	7	0.13	167	0.2	350	0.14	0.04
	Minimum	0	0	0	0	11	6.8	0.02	94	0.1	199	0.14	0.04

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02-Dec	2315 Ida Ln	0	0	0	0	11	6.9	0.03	167	0.2	352	0.07	0.12
09-Dec	2450 Nanoose Dr			0	0	10	6.8	0.17	163	0.2	345		
	Average	0	0	0	0	10.5	6.9	0.10	165.0	0.2	348.5	0.07	0.12
	Maximum	0	0	0	0	11	6.9	0.17	167	0.2	352	0.07	0.12
	Minimum	0	0	0	0	10	6.8	0.03	163	0.2	345	0.07	0.12

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