



Regional District of Nanaimo - Utilities Department

Wall Beach 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													
08-Jan	1358 Madrona Dr	0	0	0	0	8	7.1	0.02	160	0.2	337	0.01	0.008
15-Jan	1819 NW Bay Rd	0	0	0	0	8	7.4	0.02	143	0.1	308		
22-Jan	1566 Arbutus Dr	0	0			7	7.1	0.02	143	0.1	311		
	Average	0	0	0	0	7.7	7.2	0.02	148.7	0.1	318.7	0.01	0.008
	Maximum	0	0	0	0	8	7.4	0.02	160	0.2	337	0.01	0.008
	Minimum	0	0	0	0	7	7.1	0.02	143	0.1	308	0.01	0.008

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	1819 NW Bay Rd	0	0	0	0	8	7.4	0.05	143	0.1	308	0.01	0.007
12-Feb	1358 Madrona Dr	0	0	0	0	7	7.2	0.03	156	0.2	333		
20-Feb	1566 Arbutus Dr	0	0	0	0	8	6.9	0.05	166	0.2	352		
26-Feb	1819 NW Bay Rd			0	0	9	7.3	0.06	149	0.1	316		
	Average	0	0	0	0	8.0	7.2	0.05	153.5	0.2	327.3	0.01	0.007
	Maximum	0	0	0	0	9	7.4	0.06	166	0.2	352	0.01	0.007
	Minimum	0	0	0	0	7	6.9	0.03	143	0.1	308	0.01	0.007

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04-Mar	1566 Arbutus Dr	0	0	0	0	8	7	0.23	132	0.1	279	0.04	0.009
12-Mar	1819 NW Bay Rd	0	0	0	0	10	6.9	0.21	140	0.1	294		
18-Mar	1358 Madrona Dr	0	0	0	0	9	7	0.04	151	0.2	321		
26-Mar	1819 NW Bay Rd					9	7	0.05	135	0.1	290		
Average		0	0	0	0	9.0	7.0	0.13	139.5	0.1	296.0	0.04	0.009
Maximum		0	0	0	0	10	7	0.23	151	0.2	321	0.04	0.009
Minimum		0	0	0	0	8	6.9	0.04	132	0.1	279	0.04	0.009

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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	1819 NW Bay Rd	0	0	0	0	10	6.9	0.9	134	0.1	284	0.02	
08-Apr	1566 Arbutus Dr	0	0	0	0	9	7	0.03	140	0.1	299		
15-Apr	1358 Madrona Dr	0	0	0	0	10	6.9	0.04	150	0.1	317		0.013
22-Apr	1819 NW Bay Rd			0	0	10	7	0.99	141	0.1	298		
	Average	0	0	0	0	9.8	7.0	0.49	141.3	0.1	299.5	0.02	0.013
	Maximum	0	0	0	0	10	7	0.99	150	0.1	317	0.02	0.013
	Minimum	0	0	0	0	9	6.9	0.03	134	0.1	284	0.02	0.013

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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	1819 NW Bay Rd	0	0	0	0	11	7.3	0.09	149	0.1	314	0.02	0.011
21-May	1566 Arbutus Dr	0	0	0	0	12	6.8	0.06	156	0.2	327		
27-May	1358 Madrona Dr	0	0	0	0	13	6.9	0.09	150	0.1	315		
	Average	0	0	0	0	12.0	7.0	0.08	151.7	0.1	318.7	0.02	0.011
	Maximum	0	0	0	0	13	7.3	0.09	156	0.2	327	0.02	0.011
	Minimum	0	0	0	0	11	6.8	0.06	149	0.1	314	0.02	0.011

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Date Jun-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
04-Jun	1819 NW Bay Rd	0	0	0	0	12	7.1	0.08	144	0.1	303	0.01	0.012
11-Jun	1566 Arbutus Dr	0	0	0	0	14	6.7	0.06	61	0.1	128		
17-Jun	1358 Madrona Dr	0	0	0	0	14	6.7	0.03	54	0.1	115		
24-Jun	1819 NW Bay Rd			0	0	13	7.1	0.03	140	0.1	293		
	Average	0	0	0	0	13.3	6.9	0.05	99.8	0.1	209.8	0.01	0.012
	Maximum	0	0	0	0	14	7.1	0.08	144	0.1	303	0.01	0.012
	Minimum	0	0	0	0	12	6.7	0.03	54	0.1	115	0.01	0.012

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02-Jul	1819 NW Bay Rd	0	0										
09-Jul	1566 Arbutus Dr	0	0	0	0	16	6.7	0.05	56	0.1	119	0.13	0.024
15-Jul	1358 Madrona Dr	0	0	0	0	17	6.8	0.04	64	0.1	135		
22-Jul	1819 NW Bay Rd			0	0	14	6.9	0.06	143	0.1	298	0.02	0.015
29-Jul	1566 Arbutus Dr			0	0	18	6.7	0.03	72	0.1	151	0.04	0.015
	Average	0	0	0	0	16.3	6.8	0.05	83.8	0.1	175.8	0.06	0.018
	Maximum	0	0	0	0	18	6.9	0.06	143	0.1	298	0.13	0.024
	Minimum	0	0	0	0	14	6.7	0.03	56	0.1	119	0.02	0.015

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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	1819 NW Bay Rd	0	0	0	0	13	7	0.08	146	0.1	307	0.02	0
12-Aug	1358 Madrona Dr	0	0	0	0	18	6.7	0.03	71	0.1	149	0.02	0.012
19-Aug	1566 Arbutus	0	0	0	0	19	6.6	0.11	60	0.1	127.9	0.03	0.001
26-Aug	1819 NW Bay Rd			0	0	15	7	0.01	149	0.1	313		0.008
	Average	0	0	0	0	16.3	6.8	0.06	106.5	0.1	224.2	0.02	0.0053
	Maximum	0	0	0	0	19	7	0.11	149	0.1	313	0.03	0.012
	Minimum	0	0	0	0	13	6.6	0.01	60	0.1	127.9	0.02	0

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Sep-08													
03-Sep	1358 Madrona	0	0										
09-Sep	1819 NW Bay	0	0										
16-Sep	1566 Arbutus	0	0	0	0	16	6.6	0.09	43	0	91	0.14	0.021
	Average	0	0	0	0	16.0	6.6	0.09	43.0	0.0	91.0	0.14	0.021
	Maximum	0	0	0	0	16	6.6	0.09	43	0	91	0.14	0.021
	Minimum	0	0	0	0	16	6.6	0.09	43	0	91	0.14	0.021

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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	1819 NW Bay Rd	0	0	0	0	14	7.1	0.04	149	0.1	314	0.03	0.017
15-Oct	1358 Madrona Dr	0	0	0	0	12	6.9	0.05	93	0.1	196		
21-Oct	1566 Arbutus Dr	0	0	0	0	13	7	0.16	121	0.1	256		
29-Oct	1819 NW Bay Rd			0	0	12	7	0.51	150	0.1	315		
	Average	0	0	0	0	12.8	7.0	0.19	128.3	0.1	270.3	0.03	0.017
	Maximum	0	0	0	0	14	7.1	0.51	150	0.1	315	0.03	0.017
	Minimum	0	0	0	0	12	6.9	0.04	93	0.1	196	0.03	0.017

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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 ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
04-Nov	1819 NW Bay Rd	0	0	0	0	11	7.3	0.22	150	0.1	317	0.01	0.007
12-Nov	1566 Arbutus Dr	0	0	0	0	12	7.1	0.05	155	0.2	327		
18-Nov	1358 Madrona Dr	0	0	0	0	12	6.8	0.07	161	0.2	339		
25-Nov	1819 NW Bay Rd			0	0	10	7.2	0.14	148	0.1	313		
	Average	0	0	0	0	11.3	7.1	0.12	153.5	0.2	324.0	0.01	0.007
	Maximum	0	0	0	0	12	7.3	0.22	161	0.2	339	0.01	0.007
	Minimum	0	0	0	0	10	6.8	0.05	148	0.1	313	0.01	0.007

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02-Dec	1819 NW Bay Rd	0	0	0	0	10	7	0.17	149	0.1	315	0.02	0.011
09-Dec	1566 Arbutus Dr	0	0	0	0	10	6.8	0.09	163	0.2	344		
16-Dec	1358 Madrona Dr	0	0										
	Average	0	0	0	0	10.0	6.9	0.13	156.0	0.2	329.5	0.02	0.011
	Maximum	0	0	0	0	10	7	0.17	163	0.2	344	0.02	0.011
	Minimum	0	0	0	0	10	6.8	0.09	149	0.1	315	0.02	0.011

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