



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
06-Jan	1819 NW Bay Rd	0	0	0	0	8	6.8	1.92	140	0.1	298	0.02	0.023
13-Jan	1358 Madrona Dr	0	0	0	0	7	7	0.08	157	0.2	334		
21-Jan	1566 Arbutus Dr	0	0	0	0	6	6.9	0.03	142	0.1	304		
27-Jan	1819 NW Bay Rd			0	0	7	7.1	0.07	141	0.1	301		
	Average	0	0	0	0	7.0	7.0	0.53	145.0	0.1	309.3	0.02	0.023
	Maximum	0	0	0	0	8	7.1	1.92	157	0.2	334	0.02	0.023
	Minimum	0	0	0	0	6	6.8	0.03	140	0.1	298	0.02	0.023

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	1819 NW Bay Rd	0	0	0	0	8	6.9	0.97	150	0.2	320	0.01	0.006
10-Feb	1566 Arbutus Dr	0	0	0	0	6	7.2	0.04	161	0.2	345		
17-Feb	1358 Madrona Dr	0	0	0	0	7	6.9	0.03	158	0.2	336		
24-Feb	1819 NW Bay Rd			0	0	8	7.1	0.48	152	0.2	324		
	Average	0	0	0	0	7.3	7.0	0.38	155.3	0.2	331.3	0.01	0.006
	Maximum	0	0	0	0	8	7.2	0.97	161	0.2	345	0.01	0.006
	Minimum	0	0	0	0	6	6.9	0.03	150	0.2	320	0.01	0.006

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03-Mar	1819 NW Bay Rd	0	0	0	0	8	6.9	0.69	152	0.2	324	0.02	0.008
10-Mar	1358 Madrona Dr	0	0	0	0	6	7.5	0.04	142	0.1	307		
18-Mar	1566 Arbutus Dr	0	0	0	0	6	7.2	0.04	142	0.1	303		
25-Mar	1819 NW Bay Rd			0	0	8	7.3	0.04	151	0.2	320		
	Average	0	0	0	0	7.0	7.2	0.20	146.8	0.2	313.5	0.02	0.008
	Maximum	0	0	0	0	8	7.5	0.69	152	0.2	324	0.02	0.008
	Minimum	0	0	0	0	6	6.9	0.04	142	0.1	303	0.02	0.008

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Date Apr-09	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
15-Apr	1358 Madrona Dr	0	0										
22-Apr	1819 NW Bay Rd	0	0	0	0	9	7.2	0.05	149	0.1	315		
29-Apr	1566 Arbutus Dr					12	6.9	1.03	158	0.2	332		
	Average	0	0	0	0	10.5	7.1	0.54	153.5	0.2	323.5	#DIV/0!	#DIV/0!
	Maximum	0	0	0	0	12	7.2	1.03	158	0.2	332	0	0
	Minimum	0	0	0	0	9	6.9	0.05	149	0.1	315	0	0

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Date May-09	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
05-May	1819 NW Bay Rd	0	0	0	0	10	7.1	0.53	150	0.1	317	0.01	0.017
12-May	1566 Arbutus Dr	0	0	0	0	11	7	0.05	148	0.1	311		
20-May	1358 Madrona Dr	0	0										
27-May	1819 NW Bay Rd			0	0	11	7.2	0.12	150	0.1	314		
	Average	0	0	0	0	10.5	7.1	0.29	149.0	0.1	314.0	0.01	0.017
	Maximum	0	0	0	0	11	7.1	0.53	150	0.1	317	0.01	0.017
	Minimum	0	0	0	0	10	7	0.05	148	0.1	311	0.01	0.017

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02-Jun	1819 NW Bay Rd	0	0	0	0	14	7.2	0.38	151	0.1	316	0.02	0.014
09-Jun	1566 Arbutus Dr	0	0	0	0	15	6.6	0.34	33	0	70		
16-Jun	1358 Madrona Dr	0	0	0	0			0.05					
	Average	0	0	0	0	14.5	6.9	0.26	92.0	0.1	193.0	0.02	0.014
	Maximum	0	0	0	0	15	7.2	0.38	151	0.1	316	0.02	0.014
	Minimum	0	0	0	0	14	6.6	0.05	33	0	70	0.02	0.014

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07-Jul	1819 NW Bay Rd	0	0	0	0	17	6.9	0.03	148	0.1	311	0.01	0.014
15-Jul	1566 Arbutus Dr	0	0	0	0	16	6.9	0.02	64	0.1	134		
22-Jul	1358 Madrona Dr	0	0										
29-Jul	1819 NW Bay Rd			0	0	14	7	0.02	151	0.1	318		
	Average	0	0	0	0	15.7	6.9	0.02	121.0	0.1	254.3	0.01	0.014
	Maximum	0	0	0	0	17	7	0.03	151	0.1	318	0.01	0.014
	Minimum	0	0	0	0	14	6.9	0.02	64	0.1	134	0.01	0.014

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Date Aug-09	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
05-Aug	1819 NW Bay Rd	0	0	0	0	14	7.1	0.15	153	0.2	320	0.01	0.007
12-Aug	1566 Arbutus	0	0	0	0	19	6.6	0.02	65	0.1	138.1		
19-Aug	1358 Madrona Dr	0	0	0	0	18	6.7	0.06	96	0.1	203		
25-Aug	1819 NW Bay Rd			0	0	14	6.9	0.26	193	0.2	407		
	Average	0	0	0	0	16.3	6.8	0.12	126.8	0.2	267.0	0.01	0.007
	Maximum	0	0	0	0	19	7.1	0.26	193	0.2	407	0.01	0.007
	Minimum	0	0	0	0	14	6.6	0.02	65	0.1	138.1	0.01	0.007

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01-Sep	1819 NW Bay	0	0					0.01					
09-Sep	1566 Arbutus Dr	0	0			19	7.1	0.02	143	0.1	300	0.01	0.011
15-Sep	1358 Madrona	0	0	0	0	18	7	0.04	101	0.1	214		
22-Sep	1566 Arbutus Dr			0	0	16	7.1	0.06	91	0.1	192		
29-Sep	1819 NW Bay			0	0	12	6.8	0.03	168	0.2	359		
	Average	0	0	0	0	16.3	7.0	0.03	125.8	0.1	266.3	0.01	0.011
	Maximum	0	0	0	0	19	7.1	0.06	168	0.2	359	0.01	0.011
	Minimum	0	0	0	0	12	6.8	0.01	91	0.1	192	0.01	0.011

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05-Oct	1819 NW Bay Rd	0	0	0	0	13	7.2	0.32	134	0.1	282	0	
14-Oct	1566 Arbutus Dr	0	0	0	0	13	7	0.17	99	0.1	208		0.018
20-Oct	1358 Madrona Dr	0	0	0	0	14	6.6	0.04	105	0.1	221		
28-Oct	1819 NW Bay Rd			0	0	12	7.4	0.62	155	0.2	328		
	Average	0	0	0	0	13.0	7.1	0.29	123.3	0.1	259.8	0.00	0.018
	Maximum	0	0	0	0	14	7.4	0.62	155	0.2	328	0	0.018
	Minimum	0	0	0	0	12	6.6	0.04	99	0.1	208	0	0.018

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04-Nov	1819 NW Bay Rd	0	0	0	0	12	7.2	0.15	152	0.2	320	0.02	0.008
10-Nov	1358 Madrona Dr	0	0	0	0	12	7	0.04	149	0.1	315		
17-Nov	1566 Arbutus Dr	0	0	0	0	10	7.2	0.56	148	0.1	131		
24-Nov	1819 NW Bay Rd			0	0	11	7.1	0.93	156	0.2	330		
	Average	0	0	0	0	11.3	7.1	0.42	151.3	0.2	274.0	0.02	0.008
	Maximum	0	0	0	0	12	7.2	0.93	156	0.2	330	0.02	0.008
	Minimum	0	0	0	0	10	7	0.04	148	0.1	131	0.02	0.008

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02-Dec	1819 NW Bay Rd	0	0	0	0	8	7.1	0.75	156	0.2	330	0	0.031
08-Dec	1566 Arbutus Dr	0	0	0	0	8	7.4	0.37	142	0.1	303		
15-Dec	1358 Madrona	0	0										
22-Dec	1819 NW Bay Rd			0	0	8	7.3	0.02	153	0.2	322		
30-Dec	1566 Arbutus Dr			0	0	9	6.8	1.1	151	0.2	320		
	Average	0	0	0	0	8.3	7.2	0.56	150.5	0.2	318.8	0.00	0.031
	Maximum	0	0	0	0	9	7.4	1.1	156	0.2	330	0	0.031
	Minimum	0	0	0	0	8	6.8	0.02	142	0.1	303	0	0.031

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