



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
04-Jan	1566 Arbutus	0	0	0	0	8	6.8	0.08	168	0.2	356	0.06	0.02
10-Jan	1358 Madrona	0	0	0	0	9	7.2	0.02	158	0.2	334		
17-Jan	1819 NW Bay Rd	0	0	0	0	8	7.4	0.05	151	0.1	320		
23-Jan	1566 Arbutus			0	0	8	7.0	0.05	154	0.2	326		
31-Jan	1819 NW Bay Rd			0	0	8	7.7	0.04	151	0.1	318		
	Average	0	0	0	0	8.2	7.2	0.05	156.4	0.2	330.8	0.06	0.02
	Maximum	0	0	0	0	9	7.7	0.08	168	0.2	356	0.06	0.02
	Minimum	0	0	0	0	8	6.8	0.02	151	0.1	318	0.06	0.02

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-06													
07-Feb	1566 Arbutus	0	0	0	0	8	7.3	0.01	152	0.2	321	0.09	0.029
14-Feb	1819 NW Bay Rd	0	0	0	0	8	7.2	0.05	145	0.1	309		
21-Feb	1358 Madrona Dr	0	0	0	0	7	7.3	0.03	153	0.2	327		
28-Feb	1566 Arbutus			0	0	8	7.1	0.14	168	0.2	355		
	Average	0	0	0	0	7.8	7.2	0.06	154.5	0.2	328.0	0.09	0.029
	Maximum	0	0	0	0	8	7.3	0.14	168	0.2	355	0.09	0.029
	Minimum	0	0	0	0	7	7.1	0.01	145	0.1	309	0.09	0.029

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Mar-06													
07-Mar	1819 NW Bay Rd	0	0	0	0	8	7.2	0.04	151	0.2	321	0.08	0.017
14-Mar	1566 Arbutus	0	0	0	0	7	7.3	0.02	157	0.2	333		
21-Mar	1358 Madrona Dr	0	0	0	0	8	7.4	0.02	168	0.2	358		
28-Mar	1819 NW Bay Rd			0	0	9	7.3	0.02	152	0.2	321		
	Average	0	0	0	0	8.0	7.3	0.03	157.0	0.2	333.3	0.08	0.017
	Maximum	0	0	0	0	9	7.4	0.04	168	0.2	358	0.08	0.017
	Minimum	0	0	0	0	7	7.2	0.02	151	0.2	321	0.08	0.017

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Date Apr-06	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-Apr	1566 Arbutus	0	0	0	0	9	7.5	0.04	157	0.2	331	0.07	0.037
11-Apr	1358 Madrona	0	0	0	0	10	7.2	0.06	156	0.2	328		
19-Apr	1819 NW bay Rd	0	0	0	0	9	7.1	0.07	163	0.2	342		
25-Apr	1566 Arbutus			0	0	11	7.7	0.03	152	0.2	320		
	Average	0	0	0	0	9.8	7.4	0.05	157.0	0.2	330.3	0.07	0.037
	Maximum	0	0	0	0	11	7.7	0.07	163	0.2	342	0.07	0.037
	Minimum	0	0	0	0	9	7.1	0.03	152	0.2	320	0.07	0.037

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Date May-06	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-May	1358 Madrona	0	0	0	0	11	7.6	0.03	157	0.2	330	0.06	0.025
09-May	1819 NW Bay	0	0	0	0	10	7.7	0.06	149	0.1	313		
16-May	1566 Arbutus	0	0	0	0	12	6.6	0.03	36	0	77		
23-May	1358 Madrona			0	0	13	6.7	0.04	32	0	67		
30-May	1819 NW Bay			0	0	12	6.7	0.08	27	0	57		
	Average	0	0	0	0	11.6	7.1	0.05	80.2	0.1	168.8	0.06	0.025
	Maximum	0	0	0	0	13	7.7	0.08	157	0.2	330	0.06	0.025
	Minimum	0	0	0	0	10	6.6	0.03	27	0	57	0.06	0.025

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May 16, water coming from Parksville and bulk water system.



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06-Jun	1566 Arbutus	0	0	0	0	14	6.6	0.02	27	0	56.6	0.21	0.029
13-Jun	1819 NW Bay	0	1	0	0	14	6.7	0.06	34	0	71		
20-Jun	1358 Madrona	0	0	0	0	15	6.9	0.02	32	0	67		
27-Jun	1566 Arbutus	0	0	0	0	16	6.7	0.06	34	0	71		
	Average	0	0.25	0	0	14.8	6.7	0.04	31.8	0.0	66.4	0.21	0.029
	Maximum	0	1	0	0	16	6.9	0.06	34	0	71	0.21	0.029
	Minimum	0	0	0	0	14	6.6	0.02	27	0	56.6	0.21	0.029

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Date Jul-06	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-Jul	1819 NW Bay Rd	0	0	0	0	18	6.8	0.22	37	0	78	0.07	0.005
11-Jul	1358 Madrona	0	0	0	0	17	6.8	0.09	41	0	86.2		
18-Jul	1566 Arbutus	0	0	0	0	18	6.8	0.12	39	0	83.5		
25-Jul	1819 NW Bay Rd			0	0	19	6.9	0.03	38	0	80		
	Average	0	0	0	0	18.0	6.8	0.12	38.8	0.0	81.9	0.07	0.005
	Maximum	0	0	0	0	19	6.9	0.22	41	0	86.2	0.07	0.005
	Minimum	0	0	0	0	17	6.8	0.03	37	0	78	0.07	0.005

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Date Aug-06	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
01-Aug	1358 Madrona	0	0			18	6.9	0.03	44	0	92.6		
09-Aug	1566 Arbutus	0	0	0	0	18	6.8	0.06	43	0	89.1	0.12	0.018
15-Aug	1819 NW Bay	0	0	0	0	18	6.9	0.02	55	0.1	115.3		
22-Aug	1566 Arbutus			0	0	18	6.8	0.05	46	0	96.6		
29-Aug	1819 NW Bay			0	0	16	7.6	0.02	136	0.1	286		
	Average	0	0	0	0	17.6	7.0	0.04	64.8	0.0	135.9	0.12	0.018
	Maximum	0	0	0	0	18	7.6	0.06	136	0.1	286	0.12	0.018
	Minimum	0	0	0	0	16	6.8	0.02	43	0	89.1	0.12	0.018

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Date Oct-06	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
03-Oct	1819 NW Bay Rd	0	0	0	0	16	6.7	0.02	63	0.1	132	0.07	0.015
11-Oct	1566 Arbutus	0	0	0	0	14	6.9	0.14	62	0.1	130		
17-Oct	1358 Madrona	0	0	0	0	15	6.9	0.08	65	0.1	138		
	Average	0	0	0	0	15.0	6.8	0.08	63.3	0.1	133.3	0.07	0.015
	Maximum	0	0	0	0	16	6.9	0.14	65	0.1	138	0.07	0.015
	Minimum	0	0	0	0	14	6.7	0.02	62	0.1	130	0.07	0.015

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Date Nov-06	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-Nov	1819 NW Bay Rd	0	0	0	0	11	7.1	0.06	149	0.1	314	0.04	0.006
15-Nov	1358 Madrona	0	0	0	0	12	7.5	0.02	133	0.1	282		
21-Nov	1566 Arbutus	0	0	0	0	11	7.0	0.15	165	0.2	348		
	Average	0	0	0	0	11.3	7.2	0.08	149.0	0.1	314.7	0.04	0.006
	Maximum	0	0	0	0	12	7.5	0.15	165	0.2	348	0.04	0.006
	Minimum	0	0	0	0	11	7	0.02	133	0.1	282	0.04	0.006

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05-Dec	1819 NW Bay Rd	0	0	0	0	9	7.7	0.04	152	0.2	324	0.01	0.008
15-Dec	1358 Madrona	0	0	0	0	9	7.5	0.02	155	0.2	328		
19-Dec	1566 Arbutus	0	0	0	0	7	6.9	0.14	163	0.2	345		
	Average	0	0	0	0	8.3	7.4	0.07	156.7	0.2	332.3	0.01	0.008
	Maximum	0	0	0	0	9	7.7	0.14	163	0.2	345	0.01	0.008
	Minimum	0	0	0	0	7	6.9	0.02	152	0.2	324	0.01	0.008

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06-Sep	1819 NW Bay Rd	0	0	2	0	15	7.0	0.08	144	0.1	302	0.04	0.013
12-Sep	1566 Arbutus	0	0	0	0	17	6.7	0.02	53	0.1	111.4		
19-Sep	1358 Madrona	0	0	0	0	17	6.9	0.05	71	0.1	149		
26-Sep	1819 NW Bay Rd			0	0	16	7.0	0.02	72	0.1	151		
	Average	0	0	0.5	0	16.3	6.9	0.04	85.0	0.1	178.4	0.04	0.013
	Maximum	0	0	2	0	17	7	0.08	144	0.1	302	0.04	0.013
	Minimum	0	0	0	0	15	6.7	0.02	53	0.1	111.4	0.04	0.013

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