



Regional District of Nanaimo - Utilities Department

Surfside 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	1081 Surfside	0	0	0	0	7	6.7	n/a	74	0.1	160.6	0.04	0.013
10-Jan	965 Surfside	0	0	0	0	7	6.5	n/a	66	0.1	142		
12-Jan	121 Kinkade			25	0	7	6.3	n/a	79	0.1	170		
17-Jan	1081 Surfside			0	0	6	6.4	n/a	67	0.1	144		
19-Jan	121 Kinkade			19	0	7	6.7	n/a	85	0.1	169		
23-Jan	965 Surfside			0	0	7	6.8	n/a	66	0.1	141		
25-Jan	121 Kinkade			26	0	7	6.2	n/a	81	0.1	169		
31-Jan	1081 Surfside			0	0	6	6.6	n/a	67	0.1	146		
	Average	0	0	8.75	0	6.8	6.5	#DIV/0!	73.1	0.1	155.2	0.04	0.013
	Maximum	0	0	26	0	7	6.8	0	85	0.1	170	0.04	0.013
	Minimum	0	0	0	0	6	6.2	0	66	0.1	141	0.04	0.013

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	965 Surfside Dr	0	0	0	0	6	6.8	n/a	70	0.1	151	0.04	0.01
09-Feb	121 Kinkade							n/a					
14-Feb	1081 Surfside Dr	0	0	0	0	6	6.5	n/a	70	0.1	148		
16-Feb	121 Kinkade				0		6.7	n/a	81	0.1	173		
22-Feb	965 Surfside Dr					5	6.5	n/a	71	0.1	151		
22-Feb	121 Kinkade			0	0	8	6.4	n/a	81	0.1	171		
28-Feb	1081 Surfside Dr			0	0	5	6.6	n/a	71	0.1	153		
	Average	0	0	0	0	6.0	6.6	#DIV/0!	74.0	0.1	157.8	0.04	0.01
	Maximum	0	0	0	0	8	6.8	0	81	0.1	173	0.04	0.01
	Minimum	0	0	0	0	5	6.4	0	70	0.1	148	0.04	0.01

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Sample from 121 Kinkade is from a private residence and is being conducted for ground water test purposes.



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02-Mar	965 Surfside	0	0	0	0			n/a					
02-Mar	121 Kinkade					9	6.0	n/a	80	0.1	170		
07-Mar	1081 Surfside	0	0	0	0	6	6.5	n/a	70	0.1	149	0.02	0.001
09-Mar	121 Kinkade					8	6.8	n/a	83	0.1	172		
14-Mar	965 Surfside			0	0	7	6.6	n/a	75	0.1	161		
16-Mar	121 Kinkade					8	6.1	n/a	81	0.1	173		
21-Mar	1081 Surfside			0	0	7	6.4	n/a	69	0.1	148		
23-Mar	121 Kinkade						6.7	n/a	82	0.1	174.5		
28-Mar	965 Surfside			0	0	8	6.9	n/a	76	0.1	160.8		
30-Mar								n/a					
Average		0	0	0	0	7.6	6.5	#DIV/0!	77.0	0.1	163.5	0.02	0.001
Maximum		0	0	0	0	9	6.9	0	83	0.1	174.5	0.02	0.001
Minimum		0	0	0	0	6	6	0	69	0.1	148	0.02	0.001

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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	1081 Surfside	0	1	0	0	8	6.6	n/a	69	0.1	147.4	0.02	0.002
06-Apr	121 Kinkade						6.8	n/a	79	0.1	168.9		
11-Apr	965 Surfside	0	0	0	0	10	6.5	n/a	73	0.1	154.2		
19-Apr	1081 Surfside	0	0	0	0	9	6.5	n/a	70	0.1	149		
20-Apr	121 Kinkade					9	6.7	n/a	75	0.1	165		
25-Apr	965 Surfside			0	0	12	6.9	n/a	77	0.1	162		
27-Apr	121 Kinkade					13	6.4	n/a	77	0.1	162		
	Average	0	0.33333333	0	0	10.2	6.6	#DIV/0!	74.3	0.1	158.4	0.02	0.002
	Maximum	0	1	0	0	13	6.9	0	79	0.1	168.9	0.02	0.002
	Minimum	0	0	0	0	8	6.4	0	69	0.1	147.4	0.02	0.002

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02-May	1081 Surfside	0	0	0	0	11	6.9	n/a	70	0.1	147.9	0.00	0.001
04-May	121 Kinkade					12	6.8	n/a	75	0.1	159		
09-May	965 Surside	0	0	0	0	16	6.6	n/a	68	0.1	142		
11-May	121 Kinkade					15	6.3	n/a	79	0.1	167		
16-May	1081 Surfside			0	0	13	6.7	n/a	66	0.1	140.1		
18-May	121 Kinkade					13	6.7	n/a	82	0.1	174		
23-May	1081 Surfside			0	0	14	6.7	n/a	65	0.1	137		
24-May	121 Kinkade					14	6.6	n/a	80	0.1	169		
30-May	965 Surside			0	0	17	6.7	n/a	68	0.1	145		
								n/a					
Average		0	0	0	0	13.9	6.7	#DIV/0!	67.4	0.1	142.4	0.00	0.001
Maximum		0	0	0	0	17	6.9	0	82	0.1	174	0	0.001
Minimum		0	0	0	0	11	6.3	0	65	0.1	137	0	0.001

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06-Jun	1081 Surfside	0	0	0	0	15	7.0	n/a	65	0.1	135.5	0.01	0.001
08-Jun	121 Kinkade					14	6.5	n/a	79	0.1	167		
13-Jun	965 Surfside	0	0	0	0	19	6.6	n/a	63	0.1	132		
15-Jun	121 Kinkade					16	6.6	n/a	80	0.1	169		
20-Jun	1081 Surfside			0	0	16	7.0	n/a	66	0.1	140.1		
22-Jun	121 Kinkade					17	6.9	n/a	79	0.1	166.1		
27-Jun	965 Surfside			0	0	22	6.7	n/a	64	0.1	138		
29-Jun	121 Kinkade					19	6.7	n/a	80	0.1	169		
	Average	0	0	0	0	17.3	6.8	#DIV/0!	72.0	0.1	152.1	0.01	0.001
	Maximum	0	0	0	0	22	7	0	80	0.1	169	0.01	0.001
	Minimum	0	0	0	0	14	6.5	0	63	0.1	132	0.01	0.001

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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	1081 Surfside Dr	0	0	0	0	17	6.8	n/a	80	0.1	170	0.01	0.006
11-Jul	965 Surfside	0	0	0	0	20	6.8	n/a	78	0.1	164.5		
18-Jul	1081 Surfside Dr			0	0	18	6.9	n/a	93	0.1	199		
25-Jul	965 Surfside			0	0	22	6.7	n/a	111	0.1	235		
27-Jul	121 Kinkade					19	6.8	n/a	89	0.1	189		
	Average	0	0	0	0	19.2	6.8	#DIV/0!	90.2	0.1	191.5	0.01	0.006
	Maximum	0	0	0	0	22	6.9	0	111	0.1	235	0.01	0.006
	Minimum	0	0	0	0	17	6.7	0	78	0.1	164.5	0.01	0.006

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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	1081 Surfside	0	0			18	6.9	n/a	122	0.1	258		
09-Aug	965 Surfside	0	0	0	0	22	6.8	n/a	105	0.1	221	0.01	0.006
10-Aug	121 Kinkade					18	7.0	n/a	88	0.1	182.3		
15-Aug	1081 Surfside			0	0	18	6.9	n/a	139	0.1	292		
17-Aug	121 Kinkade						6.9	n/a	88	0.1	183.5		
22-Aug	965 Surfside			0	0	23	6.3	n/a	150	0.1	315		
24-Aug	121 Kinkade						6.7	n/a	83	0.1	175.1		
29-Aug	1081 Surfside			0	0	20	6.6	n/a	163	0.2	343		
31-Aug	121 Kinkade							n/a					
								n/a					
	Average	0	0	0	0	19.8	6.8	#DIV/0!	135.8	0.1	285.8	0.01	0.006
	Maximum	0	0	0	0	23	7	0	163	0.2	343	0.01	0.006
	Minimum	0	0	0	0	18	6.3	0	83	0.1	175.1	0.01	0.006

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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	965 Surfside	0	0	0	0	20	6.5	n/a	257	0.3	540	0.03	0.006
05-Oct	121 Kinkade					19	6.6	n/a	80	0.1	169		
11-Oct	1081 Surfside	0	0	0	0	15	6.8	n/a	219	0.2	458		
12-Oct	121 Kinkade					14	6.6	n/a	79	0.1	166		
17-Oct	965 Surfside			0	0	17	6.5	n/a	225	0.2	470		
	Average	0	0	0	0	17.0	6.6	#DIV/0!	233.7	0.2	489.3	0.03	0.006
	Maximum	0	0	0	0	20	6.8	0	257	0.3	540	0.03	0.006
	Minimum	0	0	0	0	14	6.5	0	79	0.1	166	0.03	0.006

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02-Nov	121 Kinkade					15	6.6	n/a	79	0.1	166		
07-Nov	1081 Surfside	0	0	0	0	11	6.6	n/a	286	0.3	596	0.01	0.023
15-Nov	965 Surfside	0	0	0	0	10	6.9	n/a	262	0.3	553		
16-Nov	121 Kinkade					10	6.4	n/a	79	0.1	167		
21-Nov	1081 Surfside			0	0	9	6.6	n/a	160	0.2	339		
	Average	0	0	0	0	11.0	6.6	#DIV/0!	173.2	0.2	364.2	0.01	0.023
	Maximum	0	0	0	0	15	6.9	0	286	0.3	596	0.01	0.023
	Minimum	0	0	0	0	9	6.4	0	79	0.1	166	0.01	0.023

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05-Dec	1081 Surfside Dr	0	0	0	0	7	6.8	n/a	129	0.1	285	0.01	0.019
07-Dec	121 Kinkade					7	6.3	n/a	80	0.1	169		
12-Dec	965 Surfside Dr	0	0	0	0	9	6.6	n/a	148	0.1	315		
14-Dec	121 Kinkade					8	6.3	n/a	82	0.1	173		
19-Dec	1081 Surfside Dr			0	0	6	6.7	n/a	116	0.1	248		
								n/a					
	Average	0	0	0	0	7.4	6.5	#DIV/0!	131.0	0.1	282.7	0.01	0.019
	Maximum	0	0	0	0	9	6.8	0	148	0.1	315	0.01	0.019
	Minimum	0	0	0	0	6	6.3	0	80	0.1	169	0.01	0.019

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06-Sep	965 Surfside	0	0	0	0	24	6.9	n/a	216	0.2	451	0.01	0.003
12-Sep	1081 Surfside	0	0	0	0	18	6.7	n/a	276	0.3	576		
14-Sep	121 Kinkade					19	6.8	n/a	89	0.1	188		
19-Sep	965 Surfside			0	0	20	6.6	n/a	268	0.3	560		
21-Sep	121 Kinkade					19	6.6	n/a	81	0.1	172		
26-Sep	1081 Surfside			0	0	17	6.7	n/a	258	0.3	542		
28-Sep	121 Kinkade					18	6.7	n/a	86	0.1	108		
	Average	0	0	0	0	19.3	6.7	#DIV/0!	254.5	0.3	532.3	0.01	0.003
	Maximum	0	0	0	0	24	6.9	0	276	0.3	576	0.01	0.003
	Minimum	0	0	0	0	17	6.6	0	81	0.1	108	0.01	0.003

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