

Regional District of Nanaimo - Utilities Department

Surfside Water Analysis - Monthly Report

Date Jan-05	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
5-Jan	965 Surfside	0	0	0	0	6	6.5	n/a	96	0.1	200		
6-Jan	1081 Surfside			0	0			n/a					
18-Jan	1081 Surfside	0	0	0	0	5	6.3	n/a	86	0.1	186	0.01	0.022
20-Jan	965 Surfside			0	0			n/a					
25-Jan	1081 Surfside			0	0	5	6.7	n/a	82	0.1	174		
27-Jan	965 Surfside							n/a					
								n/a					
								n/a					
								n/a					
								n/a					
								n/a					
	Average	0	0	0	0	5.3	6.5	#DIV/0!	88.0	0.1	186.7	0.01	0.022
	Maximum	0	0	0	0	6	6.7	0	96	0.1	200	0.01	0.022
	Minimum	0	0	0	0	5	6.3	0	82	0.1	174	0.01	0.022

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

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Surfside Water Analysis - Monthly Report

Date Feb-05	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
1-Feb	965 Surfside Dr	0	0	0	0	6	6.5	n/a	80	0.1	170	0.04	0.01
3-Feb	1081 Surfside Dr			0	0			n/a					
8-Feb	1081 Surfside Dr	0	0	0	0	7	6.6	n/a	84	0.1	179		
10-Feb	965 Surfside Dr			0	0			n/a					
15-Feb	1081 Surfside Dr			0	0	6	6.6	n/a	83	0.1	178		
22-Feb	1081 Surfside Dr			0	0	6	6.8	n/a	80	0.1	172		
24-Feb	965 Surfside Dr			0	0			n/a					
								n/a					
								n/a					
								n/a					
	Average	0	0	0	0	6.3	6.6	#DIV/0!	81.8	0.1	174.8	0.04	0.01
	Maximum	0	0	0	0	7	6.8	0	84	0.1	179	0.04	0.01
	Minimum	0	0	0	0	6	6.5	0	80	0.1	170	0.04	0.01

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1-Mar	1081 Surfside	0	0	0	0	6	6.6	n/a	93	0.1	197	0.02	0.002
3-Mar	965 Surfside			0	0			n/a					
8-Mar	965 Surfside	0	2	1	0	8	6.6	n/a	78	0.1	164		
10-Mar	1081 Surfside			0	0			n/a					
15-Mar	965 Surfside			0	0			n/a					
17-Mar	1081 Surfside	0	0	0	0	8	6.4	n/a	81	0.1	170		
31-Mar	1081 Surfside			0	0			n/a					
								n/a					
								n/a					
								n/a					
	Average	0	0.66666667	0.14285714	0	7.3	6.5	#DIV/0!	84.0	0.1	177.0	0.02	0.002
	Maximum	0	2	1	0	8	6.6	0	93	0.1	197	0.02	0.002
	Minimum	0	0	0	0	6	6.4	0	78	0.1	164	0.02	0.002

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Date Apr-05	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
5-Apr	965 Surfside Dr	0	0	0	0	9	6.5	n/a	82	0.1	175	0.02	0.005
7-Apr	1081 Surfside Dr			0	0			n/a					
12-Apr	1081 Surfside Dr	0	0	0	0	8	6.4	n/a	82	0.1	176		
14-Apr	965 Surfside Dr			0	0			n/a					
19-Apr	1081 Surfside Dr			0	0	8	6.6	n/a	79	0.1	166		
21-Apr	965 Surfside Dr			0	0			n/a					
26-Apr	1081 Surfside Dr			0	0	11	6.9	n/a	78	0.1	162		
28-Apr	965 Surfside Dr			0	0			n/a					
	Average	0	0	0	0	9.0	6.6	#DIV/0!	80.3	0.1	169.8	0.02	0.005
	Maximum	0	0	0	0	11	6.9	0	82	0.1	176	0.02	0.005
	Minimum	0	0	0	0	8	6.4	0	78	0.1	162	0.02	0.005

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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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3-May	1081 Surfside	0	0	0	0	12	6.7	n/a	75	0.1	159.5	0	0.005
10-May	965 Surfside	0		0	0	16	6.7	n/a	73	0.1	155		
12-May	1081 Surfside							n/a					
17-May	1081 Surfside			0	0	13	6.7	n/a	77	0.1	162		
19-May	965 Surfside							n/a					
25-May	1081 Surfside			2	0	13	6.7	n/a	80	0.1	168		
26-May	965 Surfside			0	0			n/a					
31-May	1081 Surfside			0	0	14	6.6	n/a	72	0.1	153		
								n/a					
								n/a					
	Average	0	0	0.33	0	13.6	6.7	n/a	75.4	0.1	159.5	0.00	0.005
	Maximum	0	0	2	0	16	6.7	0	80	0.1	168	0	0.005
	Minimum	0	0	0	0	12	6.6	0	72	0.1	153	0	0.005

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Jun-05													
2-Jun	965 Surfside Dr			0	0								
7-Jun	1081 Surfside	0	0	0	0	14	6.9		76	0.1	161.8	0.01	0.031
9-Jun	965 Surfside Dr			0	0								
14-Jun	965 Surfside Dr	0	0	0	0	18	7		79	0.1	166.5		
16-Jun	121 Kinkade			35	0	15	6.9		92	0.1	192.4	1.74	0.624
21-Jun	1081 Surfside			0	0	15	6.8		71	0.1	148.6		
23-Jun	121 Kinkade					17	6.6		89	0.1	185.8		
28-Jun	965 Surfside Dr			0	0	19	6.9		72	0.1	150.9		
30-Jun	121 Kinkade					19	6.7		88	0.1	187		
	Average	0	0	5	0	16.7	6.8	#DIV/0!	81.0	0.1	170.4	0.88	0.3275
	Maximum	0	0	35	0	19	7	0	92	0.1	192.4	1.74	0.624
	Minimum	0	0	0	0	14	6.6	0	71	0.1	148.6	0.01	0.031

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5-Jul	1081 Surfside	0	0	0	0	16	6.8		75	0.1	157.7	0	0.006
12-Jul	965 Surfside	0	0	0	0	21	6.8		73	0.1	155		
19-Jul	1081 Surfside			4	0	16	6.7		74	0.1	156		
26-Jul	965 Surfside			0	0	23	6.6		81	0.1	172.1		
	Average	0	0	1	0	19.0	6.7	#DIV/0!	75.8	0.1	160.2	0.00	0.006
	Maximum	0	0	4	0	23	6.8	0	81	0.1	172.1	0	0.006
	Minimum	0	0	0	0	16	6.6	0	73	0.1	155	0	0.006

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Date Aug-05	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
3-Aug	1081 Surfside	0	0	0	0	17	6.7	n/a	82	0.1	172.8	0.01	0.004
9-Aug	965 Surfside	0	0	4	0	26	6.7	n/a	79	0.1	166.8		
16-Aug	1081 Surfside			0	0	18	6.5	n/a	78	0.1	165		
23-Aug	965 Surfside			0	0	25	6.8	n/a	94	0.1	200		
30-Aug	1081 Surfside			0	0	18	6.6	n/a	94	0.1	198		
								n/a					
	Average	0	0	0.8	0	20.8	6.7	#DIV/0!	85.4	0.1	180.5	0.01	0.004
	Maximum	0	0	4	0	26	6.8	0	94	0.1	200	0.01	0.004
	Minimum	0	0	0	0	17	6.5	0	78	0.1	165	0.01	0.004

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Date Sep-05	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
7-Sep	965 Surfside			0	0	22	6.8	n/a	111	0.1	234	0.01	0.005
13-Sep	1081 Surfside			0	0	17	6.7	n/a	107	0.1	224		
20-Sep	965 Surfside			0	0	19	6.6	n/a	117	0.1	246		
27-Sep	1081 Surfside			0	0	17	6.5	n/a	113	0.1	238		
Average		#DIV/0!	#DIV/0!	0	0	18.8	6.7	n/a	112.0	0.1	235.5	0.01	0.005
Maximum		0	0	0	0	22	6.8	0	117	0.1	246	0.01	0.005
Minimum		0	0	0	0	17	6.5	0	107	0.1	224	0.01	0.005

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4-Oct	965 Surfside			2	0	18	6.3	n/a	84	0.1	177	0.07	0.008
12-Oct	1081 Surfside			0	0	15	6.6	n/a	80	0.1	168.7		
18-Oct	965 Surfside			1	0		6.4	n/a	88	0.1	185		
25-Oct	1081 Surfside			0	0	13	6.4	n/a	85	0.1	179		
	Average			0.75	0	15.3	6.4	#DIV/0!	84.3	0.1	177.4	0.07	0.008
	Maximum			2	0	18	6.6	0	88	0.1	185	0.07	0.008
	Minimum			0	0	13	6.3	0	80	0.1	168.7	0.07	0.008

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1-Nov	1081 Surfside	0	0	0	0	13	6.3	n/a	78	0.1	165	0.01	0.008
8-Nov	965 Surfside	0	0	0	0	11	6.5	n/a	88	0.1	187		
15-Nov	1081 Surfside			0	0	10	6.8	n/a	77	0.1	162		
22-Nov	965 Surfside			0	0	9	6.7	n/a	74	0.1	158		
29-Nov	1081 Surfside					9	6.3	n/a	73	0.1	158		
	Average	0	0	0	0	10.4	6.5	#DIV/0!	78.0	0.1	166.0	0.01	0.008
	Maximum	0	0	0	0	13	6.8	0	88	0.1	187	0.01	0.008
	Minimum	0	0	0	0	9	6.3	0	73	0.1	158	0.01	0.008

* Private well - samples taken for monitoring purposes only.

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01-Dec	121 Kinkade					8	6.4	n/a	78	0.1	166		
06-Dec	1081 Surfside	0	0	0	0	8	6.4	n/a	80	0.1	175	0.01	0.006
08-Dec	121 Kinkade						6.9	n/a	76	0.1	161.9		
13-Dec	965 Surfside	0	0	0	0	6	6.8	n/a	73	0.1	157		
15-Dec	121 Kinkade					9	6.8	n/a	79	0.1	169.4		
20-Dec	1081 Surfside					7	6.1	n/a	76	0.1	166		
22-Dec	121 Kinkade												
	Average	0	0	0	0	7.6	6.6	#DIV/0!	77.0	0.1	165.9	0.01	0.006
	Maximum	0	0	0	0	9	6.9	0	80	0.1	175	0.01	0.006
	Minimum	0	0	0	0	6	6.1	0	73	0.1	157	0.01	0.006

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