



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
06-Jan	1081 Surfside Dr	0	0	0	0	6	6.7	n/a	78	0.1	171	0.01	0.018
13-Jan	962 Surfside Dr	0	0	0	0	5	6.5	n/a	70	0.1	148		
20-Jan	1081 Surfside Dr			0	0	5	6.6	n/a	74	0.1	160.6		
27-Jan	962 Surfside Dr			0	0	5	6.7	n/a	65	0.1	140		
	Average	0	0	0	0	5.3	6.6	#DIV/0!	76.0	0.1	165.8	0.01	0.018
	Maximum	0	0	0	0	6	6.7	0	78	0.1	171	0.01	0.018
	Minimum	0	0	0	0	5	6.5	0	65	0.1	140	0.01	0.018

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	1081 Surfside Dr	0	0	0	0	5	6.8	n/a	74	0.1	162	0.01	0.001
10-Feb	962 Surfside Dr	0	0	0	0	6	6.8	n/a	67	0.1	143		
17-Feb	1081 Surfside Dr			0	0	6	6.9	n/a	75	0.1	157		
24-Feb	962 Surfside Dr			0	0	6	6.6	n/a	69	0.1	147	0.01	0.002
	Average	0	0	0	0	5.8	6.8	#DIV/0!	72.7	0.1	155.3	0.01	0.0015
	Maximum	0	0	0	0	6	6.9	0	75	0.1	162	0.01	0.002
	Minimum	0	0	0	0	5	6.6	0	67	0.1	143	0.01	0.001

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03-Mar	1081 Surfside Dr			0	0	6	6.6	n/a	69	0.1	147	0.01	0.002
10-Mar	962 Surfside Dr			0	0	6	6.8	n/a	73	0.1	154		
18-Mar	1081 Surfside Dr			0	0	6	6.9	n/a	79	0.1	168		
	Average	#DIV/0!	#DIV/0!	0	0	6.0	6.8	#DIV/0!	73.7	0.1	156.3	0.01	0.002
	Maximum	0	0	0	0	6	6.9	0	79	0.1	168	0.01	0.002
	Minimum	0	0	0	0	6	6.6	0	69	0.1	147	0.01	0.002

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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	1081 Surfside Dr	0	0					n/a					
22-Apr	962 Surfside Dr	0	0	0	0	10	6.8	n/a	73	0.1	153		
29-Apr	1081 Surfside Dr					11	6.5	n/a	44	0.1	148		
								n/a					
	Average	0	0	0	0	10.5	6.7	#DIV/0!	58.5	0.1	150.5	#DIV/0!	#DIV/0!
	Maximum	0	0	0	0	11	6.8	0	73	0.1	153	0	0
	Minimum	0	0	0	0	10	6.5	0	44	0.1	148	0	0

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05-May	962 Surfside Dr	0	0	0	0	12	6.7	n/a	73	0.1	153	0.01	0.007
12-May	1081 Surfside Dr	0	0	0	0	11	6.6	n/a	74	0.1	156		
27-May	962 Surfside Dr			0	0	14	6.4	n/a	71	0.1	148		
	Average	0	0	0	0	12.3	6.6	#DIV/0!	72.7	0.1	152.3	0.01	0.007
	Maximum	0	0	0	0	14	6.7	0	74	0.1	156	0.01	0.007
	Minimum	0	0	0	0	11	6.4	0	71	0.1	148	0.01	0.007

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02-Jun	962 Surfside Dr	0	0	0	0	17	6.8	n/a	78	0.1	166	0.03	0.008
09-Jun	1081 Surfside Dr	0	0	0	0	15	6.5	n/a	79	0.1	166		
	Average	0	0	0	0	16.0	6.7	#DIV/0!	78.5	0.1	166.0	0.03	0.008
	Maximum	0	0	0	0	17	6.8	0	79	0.1	166	0.03	0.008
	Minimum	0	0	0	0	15	6.5	0	78	0.1	166	0.03	0.008

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07-Jul	962 Surfside Dr	0	0	0	0	18	6.6	n/a	87	0.1	182	0.01	0.009
15-Jul	1081 Surfside Dr	0	0	0	0	17	6.8	n/a	87	0.1	186		
	Average	0	0	0	0	17.5	6.7	#DIV/0!	87.0	0.1	184.0	0.01	0.009
	Maximum	0	0	0	0	18	6.8	0	87	0.1	186	0.01	0.009
	Minimum	0	0	0	0	17	6.6	0	87	0.1	182	0.01	0.009

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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	1081 Surfside Dr	0	0	0	0	19	6.4	n/a	130	0.1	273	0.03	0.001
12-Aug	962 Surfside Dr	0	0	0	0	18	6.4	n/a	139	0.1	292		
19-Aug	1081 Surfside Dr			0	0	19	6.4	n/a	130	0.1	276		
25-Aug	962 Surfside Dr			0	0	17	6.4	n/a	177	0.2	376		
	Average	0	0	0	0	18.3	6.4	#DIV/0!	144.0	0.1	304.3	0.03	0.001
	Maximum	0	0	0	0	19	6.4	0	177	0.2	376	0.03	0.001
	Minimum	0	0	0	0	17	6.4	0	130	0.1	273	0.03	0.001

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09-Sep	1081 Surfside Dr	0	0			17	6.7	n/a	203	0.2	422	0.01	0.016
16-Sep	962 Surfside	0	0	0	0	20	6.3	n/a	174	0.2	366		
22-Sep	962 Surfside			0	0	19	6.1	n/a	192	0.2	403		
28-Sep	1081 Surfside Dr			0	0	16	6.2	n/a	182	0.2	380		
	Average	0	0	0	0	18.0	6.3	#DIV/0!	187.8	0.2	392.8	0.01	0.016
	Maximum	0	0	0	0	20	6.7	0	203	0.2	422	0.01	0.016
	Minimum	0	0	0	0	16	6.1	0	174	0.2	366	0.01	0.016

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05-Oct	962 Surfside Dr	0	0	0	0	17	6.8	n/a	171	0.2	353		
14-Oct	1081 Surfside Dr	0	0	0	0	15	6.8	n/a	159	0.2	335		0.019
20-Oct	962 Surfside Dr			0	0		6.8	n/a	182	0.2	383		
28-Oct	1081 Surfside Dr			0	0	13	6.7	n/a	165	0.2	346		
	Average	0	0	0	0	15.0	6.8	#DIV/0!	169.3	0.2	354.3	#DIV/0!	0.019
	Maximum	0	0	0	0	17	6.8	0	182	0.2	383	0	0.019
	Minimum	0	0	0	0	13	6.7	0	159	0.2	335	0	0.019

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04-Nov	1081 Surfside Dr	0	0	0	0	11	6.4	n/a	120	0	252	0.04	0.018
10-Nov	962 Surfside Dr	0	0	0	0	12	6.6	n/a	148	0.1	312		
17-Nov	1081 Surfside Dr			0	0	9	6.8	n/a	117	0.1	253		
24-Nov	962 Surfside Dr			0	0	8	6.4	n/a	93	0.1	201		
	Average	0	0	0	0	10.0	6.6	#DIV/0!	119.5	0.1	254.5	0.04	0.018
	Maximum	0	0	0	0	12	6.8	0	148	0.1	312	0.04	0.018
	Minimum	0	0	0	0	8	6.4	0	93	0	201	0.04	0.018

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Date Dec-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
02-Dec	1081 Surfside Dr	0	0	0	0	9	6.7	n/a	98	0.1	206	0	0.007
08-Dec	962 Surfside Dr	0	0	0	0	8	6.8	n/a	90	0.1	191		
21-Dec	1081 Surfside Dr			0	0	6	6.3	n/a	90	0.1	196.2		
29-Dec	962 Surfside Dr			0	0	6	6.9	n/a	81	0.1	173.9		
	Average	0	0	0	0	7.3	6.7	#DIV/0!	89.8	0.1	191.8	0.00	0.007
	Maximum	0	0	0	0	9	6.9	0	98	0.1	206	0	0.007
	Minimum	0	0	0	0	6	6.3	0	81	0.1	173.9	0	0.007

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