



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
08-Jan	1081 Surfside Dr	0	0	0	0	6	6.7	n/a	68	0.1	148.6	0.03	0.005
10-Jan	121 Kinkade					7	6.7	n/a	96	0.1	206		
15-Jan	965 Surfside Dr	0	0	0	0	6	6.9	n/a	70	0.1	150		
17-Jan	121 Kinkade					7	6.8	n/a	96	0.1	76		
22-Jan	1081 Surfside Dr					6	6.7	n/a	68	0.1	149		
24-Jan	121 Kinkade							n/a					
	Average	0	0	0	0	6.4	6.8	#DIV/0!	68.7	0.1	149.2	0.03	0.005
	Maximum	0	0	0	0	7	6.9	0	96	0.1	206	0.03	0.005
	Minimum	0	0	0	0	6	6.7	0	68	0.1	76	0.03	0.005

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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Feb-08													
05-Feb	1081 Surfside Dr	0	0	0	0	5	6.8	n/a	74	0.1	159	0.07	0.006
07-Feb	121 Kinkade					6	6.7	n/a	97	0.1	208		
12-Feb	965 Surfside Dr	0	0	0	0	5	6.8	n/a	69	0.1	147		
20-Feb	1081 Surfside Dr			0	0	6	6.9	n/a	66	0.1	141		
21-Feb	121 Kinkade					7	6.8	n/a	95	0.1	201		
26-Feb	965 Surfside Dr			0	0	7	6.8	n/a	66	0.1	141		
28-Feb	121 Kinkade					7	6.8	n/a	93	0.1	196		
	Average	0	0	0	0	6.1	6.8	#DIV/0!	68.8	0.1	147.0	0.07	0.006
	Maximum	0	0	0	0	7	6.9	0	97	0.1	208	0.07	0.006
	Minimum	0	0	0	0	5	6.7	0	66	0.1	141	0.07	0.006

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04-Mar	965 Surfside Dr	0	0	0	0	8	6.8	n/a	64	0.1	140	0.09	0.005
06-Mar	121 Kinkade					8	6.8	n/a	98	0.1	206		
12-Mar	1081 Surfside Dr	0	0	0	0	7	6.5	n/a	66	0.1	142		
13-Mar	121 Kinkade					7	6.8	n/a	95	0.1	203		
18-Mar	965 Surfside Dr			0	0	8	6.8	n/a	73	0.1	155		
26-Mar	1081 Surfside Dr					8	6.8	n/a	72	0.1	152		
Average		0	0	0	0	7.7	6.8	#DIV/0!	78.0	0.1	166.3	0.09	0.005
Maximum		0	0	0	0	8	6.8	0	98	0.1	206	0.09	0.005
Minimum		0	0	0	0	7	6.5	0	64	0.1	140	0.09	0.005

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Date Apr-08	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-Apr	965 Surfside Dr	0	0	0	0	8	6.9	n/a	69	0.1	148	0.01	
08-Apr	1081 Surfside Dr	0	0	0	0	9	6.8	n/a	69	0.1	144		
10-Apr	121 Kinkade					8	6.7	n/a	100	0.1	209		
15-Apr	965 Surfside Dr			0	0	9	6.7	n/a	70	0.1	148		0
17-Apr	121 Kinkade					10	6.8	n/a	95	0.1	201		
22-Apr	1081 Surfside Dr			0	0	10	6.9	n/a	69	0.1	145		
24-Apr	121 Kinkade					10	6.9	n/a	94	0.1	198		
	Average	0	0	0	0	9.1	6.8	#DIV/0!	80.9	0.1	170.4	0.01	0
	Maximum	0	0	0	0	10	6.9	0	100	0.1	209	0.01	0
	Minimum	0	0	0	0	8	6.7	0	69	0.1	144	0.01	0

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06-May	1081 Surfside Dr	0	0	0	0	11	6.5	n/a	69	0.1	148	0.03	0.001
15-May	121 Kinkade Rd					11	6.8	n/a	90	0.1	190		
21-May	965 Surfside Dr	0	0	0	0	13	6.8	n/a	7	0.1	150		
27-May	1081 Surfside Dr			0	0	14	6.5	n/a	68	0.1	145		
29-May	121 Kinkade Rd					14	6.7	n/a	79	0.1	181		
	Average	0	0	0	0	12.6	6.7	#DIV/0!	62.6	0.1	162.8	0.03	0.001
	Maximum	0	0	0	0	14	6.8	0	90	0.1	190	0.03	0.001
	Minimum	0	0	0	0	11	6.5	0	7	0.1	145	0.03	0.001

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04-Jun	1081 Surfside Dr	0	0	0	0	13	6.6	n/a	72	0.1	155	0.07	0.002
05-Jun	121 Kinkade					13	6.7	n/a	93	0.1	196		
11-Jun	965 Surfside Dr	0	0	0	0	14	6.8	n/a	78	0.1	163		
17-Jun	1081 Surfside Dr			0	0	15	6.7	n/a	77	0.1	161		
19-Jun	121 Kinkade					15	6.7	n/a	88	0.1	185		
24-Jun	965 Surfside Dr			0	0	18	6.6	n/a	75	0.1	158		
	Average	0	0	0	0	14.7	6.7	#DIV/0!	80.5	0.1	169.7	0.07	0.002
	Maximum	0	0	0	0	18	6.8	0	93	0.1	196	0.07	0.002
	Minimum	0	0	0	0	13	6.6	0	72	0.1	155	0.07	0.002

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Date Jul-08	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-Jul	1081 Surfside Dr	0	0					n/a					
09-Jul	965 Sufside Dr	0	0	0	0	17	6.8	n/a	92	0.1	198	0.08	0.003
15-Jul	1081 Surfside Dr			0	0	17	6.8	n/a	86	0.1	186		
22-Jul	965 Sufside Dr			0	0	18	6.7	n/a	91	0.1	192		
29-Jul	1081 Surfside Dr			0	0	17	6.7	n/a	89	0.1	188		
	Average	0	0	0	0	17.3	6.8	#DIV/0!	89.5	0.1	191.0	0.08	0.003
	Maximum	0	0	0	0	18	6.8	0	92	0.1	198	0.08	0.003
	Minimum	0	0	0	0	17	6.7	0	86	0.1	186	0.08	0.003

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Surfside Water Analysis - Monthly Report



Date Aug-08	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-Aug	965 Surfside Dr	0	0	0	0	17	6.7	n/a	126	0.1	264	0.09	0.003
12-Aug	1081 Surfside Dr	0	0	0	0	17	6.7	n/a	120	0.1	251		
19-Aug	965 Surfside Dr			0	0	19	6.6	n/a	135	0.1	282		
26-Aug	1081 Surfside Dr			0	0	17	6.3	n/a	143	0.1	301		
	Average	0	0	0	0	17.5	6.6	#DIV/0!	131.0	0.1	274.5	0.09	0.003
	Maximum	0	0	0	0	19	6.7	0	143	0.1	301	0.09	0.003
	Minimum	0	0	0	0	17	6.3	0	120	0.1	251	0.09	0.003

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Date Sep-08	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-Sep	1081 Surfside Dr							n/a					
16-Sep	1081 Surfside Dr	0	0	0	0	17	6.6	n/a	141	0.1	295	0.1	0.004
24-Sep	962 Surfside Dr	0	0					n/a					
	Average	0	0	0	0	17.0	6.6	#DIV/0!	141.0	0.1	295.0	0.10	0.004
	Maximum	0	0	0	0	17	6.6	0	141	0.1	295	0.1	0.004
	Minimum	0	0	0	0	17	6.6	0	141	0.1	295	0.1	0.004

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Date Oct-08	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-Oct	962 Surfside Dr	0	2	0	0	13	6.8	n/a	149	0.1	311	0.11	0.004
15-Oct	1081 Surfside Dr	0	1	0	0	14	6.7	n/a	104	0.1	219		
21-Oct	962 Surfside Dr			0	0	14	7	n/a	105	0.1	222		
29-Oct	1081 Surfside Dr			0	0	13	6.6	n/a	99	0.1	207		
	Average	0	1.5	0	0	13.5	6.8	#DIV/0!	114.3	0.1	239.8	0.11	0.004
	Maximum	0	2	0	0	14	7	0	149	0.1	311	0.11	0.004
	Minimum	0	1	0	0	13	6.6	0	99	0.1	207	0.11	0.004

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04-Nov	962 Surfside Dr	0	0	0	0	12	6.8	n/a	94	0.1	198	0	0.008
12-Nov	1081 Surfside Dr		2	1	0	12	6.8	n/a	92	0.1	195		
18-Nov	962 Surfside Dr			1	0	12	6.5	n/a	88	0.1	187		
19-Nov	*1081 Surfside Dr	0	0					n/a					
25-Nov	1081 Surfside Dr			1	0	10	6.5	n/a	87	0.1	183		
	Average	0	0.67	0.75	0	11.5	6.7	#DIV/0!	90.3	0.1	190.8	0.00	0.008
	Maximum	0	2	1	0	12	6.8	0	94	0.1	198	0	0.008
	Minimum	0	0	0	0	10	6.5	0	87	0.1	183	0	0.008

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* Health department re-sample



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02-Dec	962 Surfside Dr	0	1	1	0	11	6.6	n/a	81	0.1	172	0.01	0
09-Dec	1081 Surfside Dr	0	0	1	0	9	6.8	n/a	86	0.1	185		
16-Dec	962 Surfside Dr			0	0			n/a					
Average		0	0.5	0.67	0	10.0	6.7	#DIV/0!	83.5	0.1	178.5	0.01	0
Maximum		0	1	1	0	11	6.8	0	86	0.1	185	0.01	0
Minimum		0	0	0	0	9	6.6	0	81	0.1	172	0.01	0

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