



# 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 <sub>2</sub> ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
Jan-07													
3-Jan	1081 Surfside Dr	0	0	0	0	6	6.6	n/a	103	0.1	224	0.04	0.007
4-Jan	121 Kinkade					7	6.3	n/a	81	0.1	174		
9-Jan	965 Surfside Dr	0	0	0	0	5	6.5	n/a	99	0.1	215		
11-Jan	121 Kinkade							n/a					
16-Jan	1081 Surfside Dr			0	0	4	6.4	n/a	99	0.1	212		
18-Jan	121 Kinkade							n/a					
	<b>Average</b>	0	0	0	0	5.5	6.5	#DIV/0!	100.3	0.1	217.0	0.04	0.007
	<b>Maximum</b>	0	0	0	0	7	6.6	0	103	0.1	224	0.04	0.007
	<b>Minimum</b>	0	0	0	0	4	6.3	0	81	0.1	174	0.04	0.007

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-07													
6-Feb	1081 Surfside Dr	0	0	0	0	6	6.8	n/a	81	0.1	173	0.04	0.006
8-Feb	121 Kinkade					7	6.7	n/a	88	0.1	188		
13-Feb	965 Surfside Dr	0	0	0	0	6	6.7	n/a	80	0.1	170		
15-Feb	121 Kinkade					7	6.6	n/a	88	0.1	185		
20-Feb	1081 Surfside Dr			0	0	6	6.7	n/a	85	0.1	186		
22-Feb	121 Kinkade					7	6.6	n/a	92	0.1	193		
27-Feb	965 Surfside Dr			0	0	7	6.8	n/a	92	0.1	195		
	<b>Average</b>	0	0	0	0	6.6	6.7	#DIV/0!	84.5	0.1	181.0	0.04	0.006
	<b>Maximum</b>	0	0	0	0	7	6.8	0	92	0.1	195	0.04	0.006
	<b>Minimum</b>	0	0	0	0	6	6.6	0	80	0.1	170	0.04	0.006

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Mar-07													
6-Mar	1081 Surfside Dr	0	0				6.9	n/a	89	0.1	193	0.01	0.004
8-Mar	121 Kinkade						6.9	n/a	88	0.1	187		
13-Mar	965 Surfside Dr	0	0	0	0	8	6.8	n/a	89	0.1	188		
15-Mar	121 Kinkade					7	6.9	n/a	86	0.1	184		
20-Mar	1081 Surfside Dr			0	0	8	6.9	n/a	85	0.1	179.4		
27-Mar	965 Surfside Dr			0	0	9	6.5	n/a	83	0.1	175.5		
29-Mar	121 Kinkade					11	6.7	n/a	96	0.1	202		
	<b>Average</b>	0	0	0	0	8.6	6.8	#DIV/0!	86.5	0.1	184.0	0.01	0.004
	<b>Maximum</b>	0	0	0	0	11	6.9	0	96	0.1	202	0.01	0.004
	<b>Minimum</b>	0	0	0	0	7	6.5	0	83	0.1	175.5	0.01	0.004

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Date Apr-07	Sample Location (Address)	Fecal Coli * Health Dep	Total Coli * Health Dep	Total Coli RDN	E Coli RDN	Temp ° C	pH	Cl <sub>2</sub> ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
3-Apr	1081 Surfside	0	0	0	0	8	6.7	n/a	80	0.1	169.4	0.03	0.01
11-Apr	965 Surfside	0	0	0	0	10	6.7	n/a	74	0.1	156		
12-Apr	121 Kinkade					9	6.9	n/a	94	0.1	197		
17-Apr	1081 Surfside			0	0	9	6.9	n/a	78	0.1	166		
19-Apr	121 Kinkade						6.9	n/a	89	0.1	191		
24-Apr	965 Surfside			0	0	12	7	n/a	81	0.1	171		
26-Apr	121 Kinkade					11	6.9	n/a	90	0.1	194		
	<b>Average</b>	0	0	0	0	9.8	6.9	#DIV/0!	78.3	0.1	165.6	0.03	0.01
	<b>Maximum</b>	0	0	0	0	12	7	0	94	0.1	197	0.03	0.01
	<b>Minimum</b>	0	0	0	0	8	6.7	0	74	0.1	156	0.03	0.01

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1-May	1081 Surfside	0	0	0	0	10	6.7	n/a	74	0.1	156	0.02	0.001
3-May	121 Kinkade					11	6.8	n/a	99	0.1	167		
8-May	965 Surfside	0	0	0	0	13	6.9	n/a	82	0.1	174		
10-May	121 Kinkade					12	6.9	n/a	96	0.1	202		
15-May	1081 Surfside			0	0	12	6.8	n/a	74	0.1	156.2		
17-May	121 Kinkade					13	6.9	n/a	97	0.1	203		
23-May	965 Surfside			0	0		6.9	n/a	74	0.1	158		
24-May	121 Kinkade						7	n/a	108	0.1	228		
29-May	1081 Surfside			0	0	14	7	n/a	74	0.1	157		
	<b>Average</b>	0	0	0	0	12.1	6.9	#DIV/0!	75.6	0.1	160.2	0.02	0.001
	<b>Maximum</b>	0	0	0	0	14	7	0	108	0.1	228	0.02	0.001
	<b>Minimum</b>	0	0	0	0	10	6.7	0	74	0.1	156	0.02	0.001

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5-Jun	965 Surfside Dr	0	0	0	0	18	6.5	n/a	73	0.1	155	0.01	0.001
7-Jun	121 Kinkade Rd					16	7	n/a	99	0.1	209		
12-Jun	1081 Surfside Dr	0	0	0	0	15	7	n/a	74	0.1	155		
14-Jun	121 Kinkade Rd					14	6.8	n/a	97	0.1	204		
19-Jun	965 Surfside Dr			0	0	18	6.6	n/a	81	0.1	171		
21-Jun	121 Kinkade Rd						6.7	n/a	97	0.1	204		
26-Jun	1081 Surfside Dr			0	0		6.5	n/a	77	0.1	162.8		
28-Jun	121 Kinkade Rd						6.8	n/a	97	0.1	205		
<b>Average</b>		0	0	0	0	16.2	6.7	#DIV/0!	76.3	0.1	161.0	0.01	0.001
<b>Maximum</b>		0	0	0	0	18	7	0	99	0.1	209	0.01	0.001
<b>Minimum</b>		0	0	0	0	14	6.5	0	73	0.1	155	0.01	0.001

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4-Jul	1081 Surfside Dr	0	0	0	0	16	6.7	n/a	74	0.1	157	0.01	0.003
5-Jul	121 Kinkade					17	6.8	n/a	96	0.1	205		
10-Jul	965 Surfside Dr	0	0	0	0	16	6.8	n/a	69	0.1	146		
12-Jul	121 Kinkade							n/a					
17-Jul	1081 Surfside Dr			0	0	18	6.8	n/a	79	0.1	168		
19-Jul	121 Kinkade					19	6.8	n/a	100	0.1	168		
25-Jul	965 Surfside Dr			0	0	21	6.9	n/a	78	0.1	165		
26-Jul	121 Kinkade					17	6.8	n/a	97	0.1	206		
<b>Average</b>		0	0	0	0	17.7	6.8	#DIV/0!	75.0	0.1	159.0	0.01	0.003
<b>Maximum</b>		0	0	0	0	21	6.9	0.0	79.0	0.1	168.0	0.01	0.003
<b>Minimum</b>		0	0	0	0	16	6.7	0.0	69.0	0.1	146.0	0.01	0.003

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8-Aug	1081 Surfside Dr	0	0	0	0	18	6.7	n/a	83	0.1	176	0.02	0.002
9-Aug	121 Kinkade					19	6.9	n/a	102	0.1	214		
14-Aug	965 Surfside Dr	0	0	0	0	23	6.9	n/a	89	0.1	188		
21-Aug	1081 Surfside Dr			0	0		6.9	n/a	84	0.1	176.8		
28-Aug	965 Surfside Dr			0	0	20	6.6	n/a	85	0.1	179.6		
	<b>Average</b>	0	0	0	0	20.0	6.8	#DIV/0!	85.3	0.1	180.1	0.02	0.002
	<b>Maximum</b>	0	0	0	0	23	6.9	0	102	0.1	214	0.02	0.002
	<b>Minimum</b>	0	0	0	0	18	6.6	0	83	0.1	176	0.02	0.002

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Sep-07													
5-Sep	1081 Surfside	0	0	0	0	18	6.8	n/a	85	0.1	178.8	0.01	0.024
6-Sep	121 Kinkade					18	6.8	n/a	96	0.1	203		
11-Sep	965 Surfside	0	0	0	0	21	6.9	n/a	84	0.1	176		
13-Sep	121 Kinkade					19	6.9	n/a	101	0.1	212		
18-Sep	1081 Surfside					17	6.6	n/a	87	0.1	183		
25-Sep	965 Surfside			0	0	19	6.9	n/a	85	0.1	178		
27-Sep	121 Kinkade					18	6.8	n/a	93	0.1	196		
	<b>Average</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>18.8</b>	<b>6.8</b>	<b>#DIV/0!</b>	<b>85.3</b>	<b>0.1</b>	<b>179.0</b>	<b>0.01</b>	<b>0.024</b>
	<b>Maximum</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>21</b>	<b>6.9</b>	<b>0</b>	<b>87</b>	<b>0.1</b>	<b>183</b>	<b>0.01</b>	<b>0.024</b>
	<b>Minimum</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>6.6</b>	<b>0</b>	<b>84</b>	<b>0.1</b>	<b>176</b>	<b>0.01</b>	<b>0.024</b>

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2-Oct	1081 Surfside Dr	0	0	BG	0	16	6.9	n/a	82	0.1	172	0.03	0.001
4-Oct	121 Kinkade Rd							n/a					
10-Oct	965 Surfside Dr	0	0	0	0	14	7	n/a	79	0.1	167		
16-Oct	1081 Surfside Dr			0	0	15	7	n/a	79	0.1	166		
18-Oct	121 Kinkade Rd					14	7	n/a	90	0.1	189		
30-Oct	965 Surfside Dr					13	6.9	n/a	78	0.1	166		
	<b>Average</b>	0	0	0	0	14.4	7.0	#DIV/0!	79.5	0.1	167.8	0.03	0.001
	<b>Maximum</b>	0	0	0	0	16	7	0	90	0.1	189	0.03	0.001
	<b>Minimum</b>	0	0	0	0	13	6.9	0	78	0.1	166	0.03	0.001

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6-Nov	1081 Surfside	0	0	0	0	12	6.9	n/a	70	0.1	148	0.01	0.004
8-Nov	121 Kinkade					11	6.9	n/a	86	0.1	183		
14-Nov	965 Surfside Dr	0	0	0	0	11	6.9	n/a	70	0.1	148		
15-Nov	121 Kinkade					11	6.8	n/a	87	0.1	182		
20-Nov	1081 Surfside			0	0	10	6.8	n/a	74	0.1	157.8		
27-Nov	965 Surfside Dr					9	6.9	n/a	72	0.1	154		
	<b>Average</b>	0	0	0	0	10.7	6.9	#DIV/0!	71.5	0.1	152.0	0.01	0.004
	<b>Maximum</b>	0	0	0	0	12	6.9	0	87	0.1	183	0.01	0.004
	<b>Minimum</b>	0	0	0	0	9	6.8	0	70	0.1	148	0.01	0.004

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4-Dec	1081 Surfside Dr	0	0	0	0	8	7	n/a	67	0.1	144	0.01	0.003
6-Dec	121 Kinkade					10	7	n/a	91	0.1	194		
11-Dec	965 Surfside Dr	0	0	0	0	6	6.8	n/a	73	0.1	155		
13-Dec	121 Kinkade					7	6.9	n/a	91	0.1	194		
18-Dec	1081 Surfside Dr			0	0	8	6.9	n/a	67	0.1	146		
20-Dec	121 Kinkade							n/a					
	<b>Average</b>	0	0	0	0	7.8	6.9	#DIV/0!	69.0	0.1	148.3	0.01	0.003
	<b>Maximum</b>	0	0	0	0	10	7	0	91	0.1	194	0.01	0.003
	<b>Minimum</b>	0	0	0	0	6	6.8	0	67	0.1	144	0.01	0.003

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