



# Regional District of Nanaimo - Utilities Department

## French Creek 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	1228 Sunrise Dr	0	0	0	0	9	6.9	0.26	133	0.1	283	0.18	0.26
9-Jan	1334 Lanyon Dr	0	0	0	0	7	6.8	0.11	135	0.1	287		
16-Jan	1228 Sunrise Dr	0	0	0	0	7	6.9	0.11	135	0.1	284		
	<b>Average</b>	0	0	0	0	7.7	6.9	0.16	134.3	0.1	284.7	0.18	0.26
	<b>Maximum</b>	0	0	0	0	9	6.9	0.26	135	0.1	287	0.18	0.26
	<b>Minimum</b>	0	0	0	0	7	6.8	0.11	133	0.1	283	0.18	0.26

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	1228 Sunrise Dr	0	0	0	0	8	7	0.57	133	0.1	282	0.09	0.243
13-Feb	1334 Lanyon Dr	0	0	0	0	7	7	0.43	132	0.1	280		
20-Feb	1228 Sunrise Dr			0	0	10	6.9	0.34	133	0.1	282		
27-Feb	1334 Lanyon Dr			0	0	7	6.9	0.21	134	0.1	283		
<b>Average</b>		0	0	0	0	8.0	7.0	0.39	133.0	0.1	281.8	0.09	0.243
<b>Maximum</b>		0	0	0	0	10	7	0.57	134	0.1	283	0.09	0.243
<b>Minimum</b>		0	0	0	0	7	6.9	0.21	132	0.1	280	0.09	0.243

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6-Mar	1334 Lanyon Rd	0	0				7	0.2	139	0.1	294	0.09	0.144
13-Mar	1228 Sunrise Dr	0	0	0	0	10	7.1	0.29	133	0.1	281		
20-Mar	1334 Lanyon Rd			0	0	8	7	0.29	133	0.1	282		
27-Mar	1228 Sunrise Dr			0	0	11	7.3	0.53	141	0.1	297		
<b>Average</b>		0	0	0	0	9.7	7.1	0.33	136.5	0.1	288.5	0.09	0.144
<b>Maximum</b>		0	0	0	0	11	7.3	0.53	141	0.1	297	0.09	0.144
<b>Minimum</b>		0	0	0	0	8	7	0.2	133	0.1	281	0.09	0.144

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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	1334 Lanyon	0	0	0	0	9	7.2	0.11	134	0.1	286	0.06	0.128
11-Apr	1228 Sunrise	0	0	0	0	11	7.4	0.41	139	0.1	293		
18-Apr	1334 Lanyon			0	0	9	7.5	0.36	134	0.1	283		
24-Apr	1228 Sunrise			0	0	12	7.2	0.38	137	0.1	289		
	<b>Average</b>	0	0	0	0	10.3	7.3	0.32	136.0	0.1	287.8	0.06	0.128
	<b>Maximum</b>	0	0	0	0	12	7.5	0.41	139	0.1	293	0.06	0.128
	<b>Minimum</b>	0	0	0	0	9	7.2	0.11	134	0.1	283	0.06	0.128

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1-May	1334 Lanyon	0	0	0	0	11	7.6	0.17	138	0.1	290	0.08	0.122
8-May	1228 Sunrise	0	0	0	0	12	7.2	0.42	138	0.1	290		
15-May	1334 Lanyon			0	0	13	7.2	0.47	139	0.1	291		
17-May	1228 Sunrise			0	0			0.67					
23-May	1228 Sunrise			0	0	12	7.2	0.91	139	0.1	292		
29-May	1334 Lanyon			0	0	13	7.3	0.16	138	0.1	291		
31-May	1228 Sunrise			0	0			0.18					
<b>Average</b>		0	0	0	0	12.2	7.3	0.43	138.4	0.1	290.8	0.08	0.122
<b>Maximum</b>		0	0	0	0	13	7.6	0.91	139	0.1	292	0.08	0.122
<b>Minimum</b>		0	0	0	0	11	7.2	0.16	138	0.1	290	0.08	0.122

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5-Jun	1228 Sunrise Dr	0	0	0	0	12	7	0.18	139	0.01	292	0.1	0.136
12-Jun	1334 Lanyon Dr	0	0	0	0	14	6.9	0.21	140	0.1	294		
19-Jun	1228 Sunrise Dr			0	0		7.1	0.13	138	0.1	289		
26-Jun	1334 Lanyon Dr			0	0		6.9	0.13	139	0.1	292		
<b>Average</b>		0	0	0	0	13.0	7.0	0.16	139.0	0.1	291.8	0.10	0.136
<b>Maximum</b>		0	0	0	0	14	7.1	0.21	140	0.1	294	0.1	0.136
<b>Minimum</b>		0	0	0	0	12	6.9	0.13	138	0.01	289	0.1	0.136

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Date Jul-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
4-Jul	1228 Sunrise Dr	0	0	0	0	14	7.1	0.12	137	0.1	288	0.11	0.181
10-Jul	1334 Lanyon Dr	0	0	0	0	17	7	0.14	140	0.1	293		
17-Jul	1228 Sunrise Dr			0	0	17	7	0.14	140	0.1	293		
25-Jul	1334 Lanyon Dr			0	0	18	6.9	0.96	154	0.2	324		
<b>Average</b>		0	0	0	0	16.5	7.0	0.34	142.8	0.1	299.5	0.11	0.181
<b>Maximum</b>		0	0	0	0	18	7.1	0.96	154	0.2	324	0.11	0.181
<b>Minimum</b>		0	0	0	0	14	6.9	0.12	137	0.1	288	0.11	0.181

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Date Aug-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
8-Aug	1228 Sunrise Dr	0	0	0	0	14	7	0.23	141	0.1	294	0.09	0.166
14-Aug	1334 Lanyon Dr	0	0	0	0	19	7	0.08	141	0.1	297		
21-Aug	1228 Sunrise Dr			0	0		7.1	0.12	141	0.1	295		
28-Aug	1334 Lanyon Dr			0	0	19	7	0.1	145	0.1	304		
	<b>Average</b>	0	0	0	0	17.3	7.0	0.13	142.0	0.1	297.5	0.09	0.166
	<b>Maximum</b>	0	0	0	0	19	7.1	0.23	145	0.1	304	0.09	0.166
	<b>Minimum</b>	0	0	0	0	14	7	0.08	141	0.1	294	0.09	0.166

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5-Sep	1228 Sunrise	0	0	0	0	14	7.2	0.1	141	0.1	296	0.12	0.235
11-Sep	1334 Lanyon	0	0	0	0	15	7	0.09	141	0.1	296		
18-Sep	1228 Sunrise												
25-Sep	1334 Lanyon			1	0	17	7.1	0.12	140	0.1	294		
	<b>Average</b>	0	0	0.33	0	15.3	7.1	0.10	140.7	0.1	295.3	0.12	0.235
	<b>Maximum</b>	0	0	1	0	17	7.2	0.12	141	0.1	296	0.12	0.235
	<b>Minimum</b>	0	0	0	0	14	7	0.09	140	0.1	294	0.12	0.235

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2-Oct	1228 Sunrise Dr	0	0	0	0	14	7	0.12	138	0.1	292	0.11	0.158
10-Oct	1334 Lanyon	0	0	0	0	16	7.5	0.11	141	0.1	295		
16-Oct	1228 Sunrise Dr			0	0	12	7.1	0.09	139	0.1	294		
30-Oct	1334 Lanyon			0	0	13	7.1	0.09	140	0.1	295		
	<b>Average</b>	0	0	0	0	13.8	7.2	0.10	139.5	0.1	294.0	0.11	0.158
	<b>Maximum</b>	0	0	0	0	16	7.5	0.12	141	0.1	295	0.11	0.158
	<b>Minimum</b>	0	0	0	0	12	7	0.09	138	0.1	292	0.11	0.158

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6-Nov	1228 Sunrise Dr	0	0	0	0	11	6.9	0.16	132	0.1	278	0.12	0.158
14-Nov	1334 Lanyon Dr	0	0	0	0	12	7	0.09	132	0.1	279		
20-Nov	1228 Sunrise Dr			0	0	11	6.9	0.12	132	0.1	279		
27-Nov	1334 Lanyon Dr			0	0	10	7	0.11	132	0.1	278		
	<b>Average</b>	0	0	0	0	11.0	7.0	0.12	132.0	0.1	278.5	0.12	0.158
	<b>Maximum</b>	0	0	0	0	12	7	0.16	132	0.1	279	0.12	0.158
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4-Dec	1228 Sunrise	0	0	0	0	11	7	0.11	131	0.1	276	0.12	0.156
11-Dec	1334 Lanyon Dr	0	0	0	0	8	6.9	0.11	132	0.1	280		
18-Dec	1228 Sunrise			0	0	9	7	0.12	130	0.1	277		
	<b>Average</b>	0	0	0	0	9.3	7.0	0.11	131.0	0.1	277.7	0.12	0.156
	<b>Maximum</b>	0	0	0	0	11	7	0.12	132	0.1	280	0.12	0.156
	<b>Minimum</b>	0	0	0	0	8	6.9	0.11	130	0.1	276	0.12	0.156

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