



# 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
06-Jan	1334 Lanyon Dr	0	0	0	0	6	7	1.41	146	0.1	304	0.08	0.127
13-Jan	1228 Sunrise Dr	0	0	0	0	8	6.8	0.16	135	0.1	289		
20-Jan	1334 Lanyon Dr			0	0	6	6.8	0.28	135	0.1	289		
27-Jan	1228 Sunrise Dr			0	0	7	6.9	1.06	138	0.1	296		
	<b>Average</b>	0	0	0	0	6.8	6.9	0.73	138.5	0.1	294.5	0.08	0.127
	<b>Maximum</b>	0	0	0	0	8	7	1.41	146	0.1	304	0.08	0.127
	<b>Minimum</b>	0	0	0	0	6	6.8	0.16	135	0.1	289	0.08	0.127

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	1228 Sunrise Dr	0	0	0	0	8	6.9	0.08	136	0.1	290	0.11	0.113
10-Feb	1334 Lanyon Dr	0	0	0	0	6	7.2	0.11	133	0.1	286		
17-Feb	1228 Sunrise Dr			0	0	8	6.7	0.13	136	0.1	290		
24-Feb	1334 Lanyon Dr			0	0	6	6.8	0.11	134	0.1	284		
	<b>Average</b>	0	0	0	0	7.0	6.9	0.11	134.8	0.1	287.5	0.11	0.113
	<b>Maximum</b>	0	0	0	0	8	7.2	0.13	136	0.1	290	0.11	0.113
	<b>Minimum</b>	0	0	0	0	6	6.7	0.08	133	0.1	284	0.11	0.113

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03-Mar	1228 Sunrise Dr	0	0	0	0	9	6.9	0.12	134	0.1	286	0.28	0.133
10-Mar	1334 Lanyon Dr	0	0	0	0	6	7.3	0.1	134	0.1	286		
18-Mar	1228 Sunrise Dr			0	0	9	6.9	0.11	135	0.1	287		
25-Mar	1334 Lanyon Dr			0	0	8	7	0.13	134	0.1	283		
	<b>Average</b>	0	0	0	0	8.0	7.0	0.12	134.3	0.1	285.5	0.28	0.133
	<b>Maximum</b>	0	0	0	0	9	7.3	0.13	135	0.1	287	0.28	0.133
	<b>Minimum</b>	0	0	0	0	6	6.9	0.1	134	0.1	283	0.28	0.133

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Apr-09													
15-Apr	1228 Sunrise	0	0										
22-Apr	1334 Lanyon Dr	0	0	0	0	10	6.7	0.06	142	0.1	299		
29-Apr	1228 Sunrise					10	6.8	0.06	142	0.1	299		
	<b>Average</b>	0	0	0	0	10.0	6.8	0.06	142.0	0.1	299.0	#DIV/0!	#DIV/0!
	<b>Maximum</b>	0	0	0	0	10	6.8	0.06	142	0.1	299	0	0
	<b>Minimum</b>	0	0	0	0	10	6.7	0.06	142	0.1	299	0	0

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05-May	1228 Sunrise Dr	0	0	0	0	11	6.8	0.05	136	0.1	287	0.13	0.161
12-May	1334 Lanyon Dr	0	0	0	0	12	6.8	0.12	146	0.1	308		
27-May	1228 Sunrise Dr			0	0	12	6.8	0.15	148	0.1	310		
<b>Average</b>		0	0	0	0	11.7	6.8	0.11	143.3	0.1	301.7	0.13	0.161
<b>Maximum</b>		0	0	0	0	12	6.8	0.15	148	0.1	310	0.13	0.161
<b>Minimum</b>		0	0	0	0	11	6.8	0.05	136	0.1	287	0.13	0.161

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02-Jun	1228 Sunrise Dr	0	0	0	0	11	6.9	0.64	144	0.1	304	0.15	0.174
09-Jun	1334 Lanyon Dr	0	0	0	0	16	6.9	0.09	142	0.1	298		
	<b>Average</b>	0	0	0	0	13.5	6.9	0.37	143.0	0.1	301.0	0.15	0.174
	<b>Maximum</b>	0	0	0	0	16	6.9	0.64	144	0.1	304	0.15	0.174
	<b>Minimum</b>	0	0	0	0	11	6.9	0.09	142	0.1	298	0.15	0.174

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07-Jul	1228 Sunrise Dr	0	0	0	0	13	6.7	0.16	142	0.1	299	0.12	0.224
15-Jul	1334 Lanyon Dr	0	0	0	0	17	6.9	0.14	143	0.1	301		
29-Jul	1228 Sunrise Dr			0	0	13	6.9	0.13	149	0.1	310		
	<b>Average</b>	0	0	0	0	14.3	6.8	0.14	144.7	0.1	303.3	0.12	0.224
	<b>Maximum</b>	0	0	0	0	17	6.9	0.16	149	0.1	310	0.12	0.224
	<b>Minimum</b>	0	0	0	0	13	6.7	0.13	142	0.1	299	0.12	0.224

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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 <sub>2</sub> ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
05-Aug	1228 Sunrise Dr	0	0	0	0	15	6.9	0.19	142	0.1	299	0.14	0.143
12-Aug	1334 Lanyon	0	0	0	0	20	6.7	0.07	141	0.1	296		
19-Aug	1228 Sunrise Dr			0	0								
25-Aug	1334 Lanyon			0	0	19	7.2	0.13	146	0.1	306		
	<b>Average</b>	0	0	0	0	18.0	6.9	0.13	143.0	0.1	300.3	0.14	0.143
	<b>Maximum</b>	0	0	0	0	20	7.2	0.19	146	0.1	306	0.14	0.143
	<b>Minimum</b>	0	0	0	0	15	6.7	0.07	141	0.1	296	0.14	0.143

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01-Sep	1334 Lanyon	0	0					0.09					
09-Sep	1228 Sunrise Dr	0	0			13	7.3	0.45	145	0.1	306	0.11	0.181
15-Sep	1334 Lanyon			0	0	18	6.9	0.09	145	0.1	305		
22-Sep	1334 Lanyon			0	0	18	7	0.1	143	0.1	301		
29-Sep	1228 Sunrise Dr			0	0	11	6.8	0.56	143	0.1	302		
	<b>Average</b>	0	0	0	0	15.0	7.0	0.26	144.0	0.1	303.5	0.11	0.181
	<b>Maximum</b>	0	0	0	0	18	7.3	0.56	145	0.1	306	0.11	0.181
	<b>Minimum</b>	0	0	0	0	11	6.8	0.09	143	0.1	301	0.11	0.181

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05-Oct	1334 Lanyon Dr	0	0	0	0	16	6.7	0.07	146	0.1	308	0.04	
14-Oct	1228 Sunrise Dr	0	0	0	0	12	7.1	0.28	133	0.1	279		0.178
20-Oct	1334 Lanyon Dr			0	0	15	6.8	0.08	146	0.1	306		
28-Oct	1228 Sunrise Dr			0	0	13	7.1	0.12	144	0.1	303		
	<b>Average</b>	0	0	0	0	14.0	6.9	0.14	142.3	0.1	299.0	0.04	0.178
	<b>Maximum</b>	0	0	0	0	16	7.1	0.28	146	0.1	308	0.04	0.178
	<b>Minimum</b>	0	0	0	0	12	6.7	0.07	133	0.1	279	0.04	0.178

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04-Nov	1228 Sunrise Dr	0	0	0	0	11	6.7	0.12	142	0.1	298	0.09	0.15
10-Nov	1334 Lanyon Dr	0	0	0	0	11	6.9	0.06	144	0.1	304		
17-Nov	1228 Sunrise Dr			0	0	10	6.8	0.46	136	0.1	288		
24-Nov	1334 Lanyon Dr			0	0	9	7	0.06	143	0.1	301		
<b>Average</b>		0	0	0	0	10.3	6.9	0.18	141.3	0.1	297.8	0.09	0.15
<b>Maximum</b>		0	0	0	0	11	7	0.46	144	0.1	304	0.09	0.15
<b>Minimum</b>		0	0	0	0	9	6.7	0.06	136	0.1	288	0.09	0.15

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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 <sub>2</sub> ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
02-Dec	1228 Sunrise Dr	0	0	0	0	9	6.9	0.29	135	0.1	287	0.1	0.147
08-Dec	1334 Lanyon Dr	0	0	0	0	8	6.9	0.04	137	0.1	292		
22-Dec	1228 Sunrise Dr			0	0	8	7.4	1.24	137	0.1	290		
30-Dec	1334 Lanyon Dr			0	0	8	6.8	0.49	137	0.1	290		
<b>Average</b>		0	0	0	0	8.3	7.0	0.52	136.5	0.1	289.8	0.10	0.147
<b>Maximum</b>		0	0	0	0	9	7.4	1.24	137	0.1	292	0.1	0.147
<b>Minimum</b>		0	0	0	0	8	6.8	0.04	135	0.1	287	0.1	0.147

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