



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 ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
Jan-08	1334 Lanyon	0	0	0	0	7	7.1	0.06	130	0.1	272	0.11	0.12
08-Jan	1334 Lanyon	0	0	0	0	7	7.1	0.06	130	0.1	272	0.11	0.12
15-Jan	1228 Sunrise Dr	0	0	0	0	9	7	0.07	129	0.1	275		
22-Jan	1334 Lanyon					6	6.9	0.11	129	0.1	277		
	Average	0	0	0	0	7.3	7.0	0.08	129.3	0.1	274.7	0.11	0.12
	Maximum	0	0	0	0	9	7.1	0.11	130	0.1	277	0.11	0.12
	Minimum	0	0	0	0	6	6.9	0.06	129	0.1	272	0.11	0.12

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-08													
05-Feb	1228 Sunrise Dr	0	0	0	0	8	6.9	0.11	130	0.1	278	0.11	0.144
12-Feb	1334 Lanyon Dr	0	0	0	0	7	6.9	0.11	130	0.1	275		
20-Feb	1228 Sunrise Dr			0	0	10	6.8	0.12	125	0.1	263		
26-Feb	1334 Lanyon Dr			0	0	8	7	0.12	129	0.1	274		
Average		0	0	0	0	8.3	6.9	0.12	128.5	0.1	272.5	0.11	0.144
Maximum		0	0	0	0	10	7	0.12	130	0.1	278	0.11	0.144
Minimum		0	0	0	0	7	6.8	0.11	125	0.1	263	0.11	0.144

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04-Mar	1228 Sunrise Dr	0	0	0	0	10	6.9	0.09	127	0.1	270	0.16	0.148
12-Mar	1334 Lanyon Dr	0	0	0	0	8	6.9	0.12	133	0.1	284		
18-Mar	1228 Sunrise Dr			0	0	11	6.9	0.18	130	0.1	276		
26-Mar	1334 Lanyon Dr					8	6.9	0.13	129	0.1	276		
Average		0	0	0	0	9.3	6.9	0.13	129.8	0.1	276.5	0.16	0.148
Maximum		0	0	0	0	11	6.9	0.18	133	0.1	284	0.16	0.148
Minimum		0	0	0	0	8	6.9	0.09	127	0.1	270	0.16	0.148

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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	1228 Sunrise Dr	0	0	0	0	10	6.9	0.12	130	0.1	277	0.12	
08-Apr	1334 Lanyon Dr	0	0	0	0	9	7	0.11	132	0.1	282		
15-Apr	1228 Sunrise Dr			0	0	12	6.7	0.15	132	0.1	279		0.154
22-Apr	1334 Lanyon Dr			0	0	11	6.9	0.14	132	0.1	278		
	Average	0	0	0	0	10.5	6.9	0.13	131.5	0.1	279.0	0.12	0.154
	Maximum	0	0	0	0	12	7	0.15	132	0.1	282	0.12	0.154
	Minimum	0	0	0	0	9	6.7	0.11	130	0.1	277	0.12	0.154

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Date May-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-May	1228 Sunrise Dr	0	0	0	0	11	7	0.6	140	0.1	292	0.13	0.151
21-May	1334 Lanyon Dr	0	0	0	0	13	6.8	0.11	139	0.1	293		
27-May	1228 Sunrise Dr			0	0	13	6.8	0.15	136	0.1	286		
	Average	0	0	0	0	12.3	6.9	0.29	138.3	0.1	290.3	0.13	0.151
	Maximum	0	0	0	0	13	7	0.6	140	0.1	293	0.13	0.151
	Minimum	0	0	0	0	11	6.8	0.11	136	0.1	286	0.13	0.151

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04-Jun	1228 Sunrise Dr	0	0	0	0	12	7	0.27	131	0.1	276	0.14	0.146
11-Jun	1334 Lanyon Dr	0	0	0	0	15	7.1	0.08	140	0.1	294		
17-Jun	1228 Sunrise Dr			0	0	13	6.8	0.11	139	0.1	292		
24-Jun	1334 Lanyon Dr			0	0	16	7.1	0.12	142	0.1	297		
	Average	0	0	0	0	14.0	7.0	0.15	138.0	0.1	289.8	0.14	0.146
	Maximum	0	0	0	0	16	7.1	0.27	142	0.1	297	0.14	0.146
	Minimum	0	0	0	0	12	6.8	0.08	131	0.1	276	0.14	0.146

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02-Jul	1228 Sunrise Dr	0	0										
09-Jul	1334 Lanyon Dr	0	0	0	0	17	6.8	0.11	142	0.1	299	0.13	0.132
15-Jul	1228 Sunrise Dr			0	0	13	7	0.17	141	0.1	296		
22-Jul	1334 Lanyon Dr			0	0	19	6.8	0.12	142	0.1	299		
29-Jul	1228 Sunrise Dr			0	0	14	6.9	0.11	140	0.1	293		
	Average	0	0	0	0	15.8	6.9	0.13	141.3	0.1	296.8	0.13	0.132
	Maximum	0	0	0	0	19	7	0.17	142	0.1	299	0.13	0.132
	Minimum	0	0	0	0	13	6.8	0.11	140	0.1	293	0.13	0.132

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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	1228 Sunrise Dr	0	0	0	0	14	6.9	0.09	139	0.1	292	0.14	0.143
12-Aug	1334 Lanyon Dr	0	0	0	0	19	6.9	0.04	139	0.1	292		
19-Aug	1228 Sunrise Dr			0	0	13	6.9	0.06	147	0.1	308		
26-Aug	1334 Lanyon Dr			0	0	19	6.8	0.04	146	0.1	303		
	Average	0	0	0	0	16.3	6.9	0.06	142.8	0.1	298.8	0.14	0.143
	Maximum	0	0	0	0	19	6.9	0.09	147	0.1	308	0.14	0.143
	Minimum	0	0	0	0	13	6.8	0.04	139	0.1	292	0.14	0.143

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03-Sep	1228 Sunrise Dr	0	0										
09-Sep	1334 Lanyon	0	0										
16-Sep	1228 Sunrise Dr			0	0	14	6.9	0.07	139	0.1	292	0.15	0.144
	Average	0	0	0	0	14.0	6.9	0.07	139.0	0.1	292.0	0.15	0.144
	Maximum	0	0	0	0	14	6.9	0.07	139	0.1	292	0.15	0.144
	Minimum	0	0	0	0	14	6.9	0.07	139	0.1	292	0.15	0.144

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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	1228 Sunrise Dr	0	0	0	0	12	6.9	0.09	122	0.1	287	0.48	0.178
15-Oct	1334 Lanyon Dr	0	0	0	0	15	7	0.03	143	0.1	301		
21-Oct	1228 Sunrise Dr			0	0	11	7.3	0.02	140	0.1	296		
29-Oct	1334 Lanyon Dr			0	0	12	7	0.05	141	0.1	297		
	Average	0	0	0	0	12.5	7.1	0.05	136.5	0.1	295.3	0.48	0.178
	Maximum	0	0	0	0	15	7.3	0.09	143	0.1	301	0.48	0.178
	Minimum	0	0	0	0	11	6.9	0.02	122	0.1	287	0.48	0.178

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04-Nov	1228 Sunrise Dr	0	0	0	0	12	7.2	0.02	141	0.1	297	0.12	0.147
12-Nov	1334 Lanyon Dr	0	0	0	0	10	7	0.11	143	0.1	302		
18-Nov	1228 Sunrise Dr			0	0	13	6.7	0.14	145	0.1	305		
25-Nov	1334 Lanyon Dr			0	0	11	6.7	0.08	143	0.1	301		
	Average	0	0	0	0	11.5	6.9	0.09	143.0	0.1	301.3	0.12	0.147
	Maximum	0	0	0	0	13	7.2	0.14	145	0.1	305	0.12	0.147
	Minimum	0	0	0	0	10	6.7	0.02	141	0.1	297	0.12	0.147

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02-Dec	1228 Sunrise Dr	0	0	0	0	10	7	0.27	146	0.1	308	0.07	0.148
09-Dec	1334 Lanyon Dr	0	0	0	0	10	6.8	0.11	136	0.1	288		
	Average	0	0	0	0	10.0	6.9	0.19	141.0	0.1	298.0	0.07	0.148
	Maximum	0	0	0	0	10	7	0.27	146	0.1	308	0.07	0.148
	Minimum	0	0	0	0	10	6.8	0.11	136	0.1	288	0.07	0.148

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