



Regional District of Nanaimo - Utilities Department

Englishman River Estates 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-07													
3-Jan	1969 Kaye Rd	0	0	0	0	6	7.3	0.12	276	0.1	129	0.02	0.021
9-Jan	Lot 34 Stonefly	0	0	0	0	7	7.3	0.24	129	0.1	273		
16-Jan	1969 Kaye Rd	0	0	0	0	6	7.2	0.07	128	0.1	272		
	Average	0	0	0	0	6.3	7.3	0.14	177.7	0.1	224.7	0.02	0.021
	Maximum	0	0	0	0	7	7.3	0.24	276	0.1	273	0.02	0.021
	Minimum	0	0	0	0	6	7.2	0.07	128	0.1	129	0.02	0.021

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	1969 Kaye Rd	0	0	0	0	5	7.2	0.36	129	0.1	280	0.01	0.018
13-Feb	Lot 34 Stonefly			0	0	6	7.2	0.79	130	0.01	274		
20-Feb	1969 Kaye Rd			0	0	6	7.1	0.72	129	0.1	273		
27-Feb	Lot 34 Stonefly			0	0	6	7.2	0.57	129	0.1	272		
	Average	0	0	0	0	5.8	7.2	0.61	129.3	0.1	274.8	0.01	0.018
	Maximum	0	0	0	0	6	7.2	0.79	130	0.1	280	0.01	0.018
	Minimum	0	0	0	0	5	7.1	0.36	129	0.01	272	0.01	0.018

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Mar-07													
6-Mar	1969 Kaye Rd						7.2	0.68	136	0.1	285	0.01	0.013
13-Mar	Lot 34 Stonefly			0	0	6	7.4	0.5	129	0.1	273		
20-Mar	1969 Kaye Rd	0	0	0	0	6	6.7	0.21	130	0.1	274		
27-Mar	Lot 34 Stonefly			0	0	7	7.5	0.49	136	0.1	285		
	Average	0	0	0	0	6.3	7.2	0.47	132.8	0.1	279.3	0.01	0.013
	Maximum	0	0	0	0	7	7.5	0.68	136	0.1	285	0.01	0.013
	Minimum	0	0	0	0	6	6.7	0.21	129	0.1	273	0.01	0.013

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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 ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
3-Apr	1969 Kaye Road	0	0	0	0	7	7.7	0.33	130	0.1	273	0.01	0.021
11-Apr	Lot 34 Stonefly			0	0	8	7	0.82	130	0.1	273		
17-Apr	1969 Kaye Road			0	0		7.4	0.59	135	0.1	285		
24-Apr	Lot 34 Stonefly			0	0	9	7.7	0.79	135	0.1	284		
	Average	0	0	0	0	8.0	7.5	0.63	132.5	0.1	278.8	0.01	0.021
	Maximum	0	0	0	0	9	7.7	0.82	135	0.1	285	0.01	0.021
	Minimum	0	0	0	0	7	7	0.33	130	0.1	273	0.01	0.021

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1-May	1969 Kaye Rd	0	0	0	0	9	7.7	0.72	136	0.1	286	0.02	0.024
8-May	Lot 34 Stonefly			0	0	10	7.5	0.43	135	0.1	283		
15-May	1969 Kaye Rd			0	0	10	7.7	0.46	135	0.1	284		
23-May	Lot 34 Stonefly			0	0	10	7.8	0.86	137	0.1	287		
29-May	1969 Kaye Rd			0	0	11	7.8	0.6	137	0.1	287		
31-May	1969 Kaye Rd			0	0			0.68					
	Average	0	0	0	0	10.0	7.7	0.63	136.0	0.1	285.4	0.02	0.024
	Maximum	0	0	0	0	11	7.8	0.86	137	0.1	287	0.02	0.024
	Minimum	0	0	0	0	9	7.5	0.43	135	0.1	283	0.02	0.024

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5-Jun	1969 Kaye Rd	0	0	0	0	12	7.2	0.32	137	0.1	288	0.01	0.032
12-Jun	Lot 34 Stonefly			0	0	11	7	0.2	137	0.1	289		
19-Jun	1969 Kaye Rd			0	0		7.1	0.22	138	0.1	289		
26-Jun	Lot 34 Stonefly			0	0		7	0.43	137	0.1	288		
	Average	0	0	0	0	11.5	7.1	0.29	137.3	0.1	288.5	0.01	0.032
	Maximum	0	0	0	0	12	7.2	0.43	138	0.1	289	0.01	0.032
	Minimum	0	0	0	0	11	7	0.2	137	0.1	288	0.01	0.032

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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 ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
4-Jul	1969 Kaye Rd	0	0	0	0	14	7.2	0.29	138	0.1	290	0.02	0.018
10-Jul	Lot 34 Stonefly			0	0	12	7	0.31	138	0.1	289		
17-Jul	1969 Kaye Rd			0	0	16	7	0.32	138	0.1	291		
25-Jul	Lot 34 Stonefly			0	0	14	7.1	0.54	140	0.1	294		
	Average	0	0	0	0	14.0	7.1	0.37	138.5	0.1	291.0	0.02	0.018
	Maximum	0	0	0	0	16	7.2	0.54	140	0.1	294	0.02	0.018
	Minimum	0	0	0	0	12	7	0.29	138	0.1	289	0.02	0.018

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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 ₂ ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
8-Aug	1969 Kaye Rd	0	0	0	0	16	7.1	0.39	140	0.1	293	0.02	0.026
14-Aug	1969 Kaye Rd			0	0	16	7.1	0.31	140	0.1	293		
21-Aug	Lot 34 Stonefly			0	0		7.2	0.4	141	0.1	296		
28-Aug	1969 Kaye Rd			0	0	16	7.1	0.31	141	0.1	295		
	Average	0	0	0	0	16.0	7.1	0.35	140.5	0.1	294.3	0.02	0.026
	Maximum	0	0	0	0	16	7.2	0.4	141	0.1	296	0.02	0.026
	Minimum	0	0	0	0	16	7.1	0.31	140	0.1	293	0.02	0.026

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5-Sep	1969 Kaye Road	0	0	0	0	16	7	0.31	141	0.1	296	0.02	0.032
11-Sep	Lot 34 Stonefly			0	0	13	6.9	0.46	141	0.1	295		
18-Sep	1969 Kaye Road												
25-Sep	Lot 34 Stonefly			0	0	13	7.2	0.62	142	0.1	297		
	Average	0	0	0	0	14.0	7.0	0.46	141.3	0.1	296.0	0.02	0.032
	Maximum	0	0	0	0	16	7.2	0.62	142	0.1	297	0.02	0.032
	Minimum	0	0	0	0	13	6.9	0.31	141	0.1	295	0.02	0.032

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Date Oct-07	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
2-Oct	1969 Kaye Rd	0	0	0	0	14	7.3	0.47	142	0.1	298	0.02	0.02
10-Oct	Lot 34 Stonefly			0	0	12	7.4	0.64	142	0.1	299		
16-Oct	1969 Kaye Rd			0	0	12	7.4	0.51	142	0.1	300		
30-Oct	Lot 34 Stonefly			0	0	11	7.4	0.68	140	0.1	298		
	Average	0	0	0	0	12.3	7.4	0.58	141.5	0.1	298.8	0.02	0.02
	Maximum	0	0	0	0	14	7.4	0.68	142	0.1	300	0.02	0.02
	Minimum	0	0	0	0	11	7.3	0.47	140	0.1	298	0.02	0.02

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6-Nov	1969 Kaye Rd	0	0	0	0	11	7	0.57	141	0.1	298	0.02	0.026
14-Nov	Lot 34 Stonefly			0	0	10	6.9	0.46	140	0.1	294		
20-Nov	1969 Kaye Rd			0	0	9	7.1	0.51	133	0.1	286		
27-Nov	Lot 34 Stonefly			0	0	9	7.2	0.37	133	0.1	281		
	Average	0	0	0	0	9.8	7.1	0.48	136.8	0.1	289.8	0.02	0.026
	Maximum	0	0	0	0	11	7.2	0.57	141	0.1	298	0.02	0.026
	Minimum	0	0	0	0	9	6.9	0.37	133	0.1	281	0.02	0.026

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Date Dec-07	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
4-Dec	1969 Kaye Road	0	0	0	0	8	7.2	0.41	133	0.1	281	0.01	0.022
11-Dec	Lot 34 Stonefly			0	0	8	7.1	0.42	132	0.1	282		
18-Dec	1969 Kaye Road			0	0	7	7.1	0.35	134	0.1	285		
	Average	0	0	0	0	7.7	7.1	0.39	133.0	0.1	282.7	0.01	0.022
	Maximum	0	0	0	0	8	7.2	0.42	134	0.1	285	0.01	0.022
	Minimum	0	0	0	0	7	7.1	0.35	132	0.1	281	0.01	0.022

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