



# 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 <sub>2</sub> ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
Jan-08	1969 Kaye Rd	0	0	0	0	6	7.3	0.38	147	0.1	307	0.01	0.032
08-Jan	1969 Kaye Rd	0	0	0	0	6	7.3	0.38	147	0.1	307	0.01	0.032
15-Jan	Lot 34 Stonefly			0	0	6	7.5	0.51	133	0.1	283		
22-Jan	1969 Kaye Rd					6	7.4	0.27	133	0.1	286		
	<b>Average</b>	0	0	0	0	6.0	7.4	0.39	137.7	0.1	292.0	0.01	0.032
	<b>Maximum</b>	0	0	0	0	6	7.5	0.51	147	0.1	307	0.01	0.032
	<b>Minimum</b>	0	0	0	0	6	7.3	0.27	133	0.1	283	0.01	0.032

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	1969 Kaye Rd	0	0	0	0	6	7.2	0.35	132	0.1	284	0.03	0.025
12-Feb	Lot 34 Stonefly			0	0	6	7.3	0.39	132	0.1	280		
20-Feb	1969 Kaye Rd			0	0	6	7.2	0.47	132	0.1	279		
26-Feb	Lot 34 Stonefly			0	0	7	7.4	0.31	132	0.1	282		
	<b>Average</b>	0	0	0	0	6.3	7.3	0.38	132.0	0.1	281.3	0.03	0.025
	<b>Maximum</b>	0	0	0	0	7	7.4	0.47	132	0.1	284	0.03	0.025
	<b>Minimum</b>	0	0	0	0	6	7.2	0.31	132	0.1	279	0.03	0.025

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04-Mar	1969 Kaye Rd	0	0	0	0	6	7.2	0.29	132	0.1	280	0.02	0.03
12-Mar	Lot 34 Stonefly			0	0	8	6.8	0.3	131	0.1	277		
18-Mar	1969 Kaye Rd			0	0	7	7.2	0.24	133	0.1	281		
26-Mar	Lot 34 Stonefly					7	7	0.43	131	0.1	281		
<b>Average</b>		0	0	0	0	7.0	7.1	0.32	131.8	0.1	279.8	0.02	0.03
<b>Maximum</b>		0	0	0	0	8	7.2	0.43	133	0.1	281	0.02	0.03
<b>Minimum</b>		0	0	0	0	6	6.8	0.24	131	0.1	277	0.02	0.03

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## Englishman River Estates Water Analysis - Monthly Report



Date Apr-08	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-Apr	1969 Kaye Rd	0	0	0	0	7	7.1	0.29	132	0.1	283	0.01	
08-Apr	Lot 34 Stonefly			0	0	8	7	0.42	132	0.1	280		
15-Apr	1969 Kaye Rd			0	0	8	7	0.35	133	0.1	280		0.019
22-Apr	Lot 34 Stonefly			0	0	9	7.2	0.43	133	0.1	281		
	<b>Average</b>	0	0	0	0	8.0	7.1	0.37	132.5	0.1	281.0	0.01	0.019
	<b>Maximum</b>	0	0	0	0	9	7.2	0.43	133	0.1	283	0.01	0.019
	<b>Minimum</b>	0	0	0	0	7	7	0.29	132	0.1	280	0.01	0.019

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## Englishman River Estates Water Analysis - Monthly Report



Date May-08	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-May	1969 Kaye Rd	0	0	0	0	9	7.2	0.36	141	0.1	298	0.06	0.021
21-May	Lot 34 Stonefly			0	0	10	7	0.34	142	0.1	298		
27-May	1969 Kaye Rd			0	0	12	7.1	0.31	142	0.1	298		
	<b>Average</b>	0	0	0	0	10.3	7.1	0.34	141.7	0.1	298.0	0.06	0.021
	<b>Maximum</b>	0	0	0	0	12	7.2	0.36	142	0.1	298	0.06	0.021
	<b>Minimum</b>	0	0	0	0	9	7	0.31	141	0.1	298	0.06	0.021

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## Englishman River Estates Water Analysis - Monthly Report



Date Jun-08	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
04-Jun	1969 Kaye Rd	0	0	0	0	12	7.2	0.83	143	0.1	300	0.01	0.021
11-Jun	1969 Kaye Rd			0	0	13	7.1	0.62	143	0.1	301		
17-Jun	Lot 34 Stonefly			0	0	11	7	0.82	143	0.1	300		
24-Jun	1969 Kaye Rd					14	7.2	0.61	142	0.1	298		
	<b>Average</b>	0	0	0	0	12.5	7.1	0.72	142.8	0.1	299.8	0.01	0.021
	<b>Maximum</b>	0	0	0	0	14	7.2	0.83	143	0.1	301	0.01	0.021
	<b>Minimum</b>	0	0	0	0	11	7	0.61	142	0.1	298	0.01	0.021

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Date Jul-08	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-Jul	1969 Kaye Rd	0	0										
09-Jul	Lot 34 Stonefly			0	0	13	7.1	0.51	144	0.1	303	0.02	0.018
15-Jul	1969 Kaye Rd			0	0	16	6.8	0.42	149	0.1	303		
22-Jul	Lot 34 Stonefly			0	0	12	7	0.49	145	0.1	304		
29-Jul	1969 Kaye Rd			0	0	16	6.8	0.37	146	0.1	307		
	<b>Average</b>	0	0	0	0	14.3	6.9	0.45	146.0	0.1	304.3	0.02	0.018
	<b>Maximum</b>	0	0	0	0	16	7.1	0.51	149	0.1	307	0.02	0.018
	<b>Minimum</b>	0	0	0	0	12	6.8	0.37	144	0.1	303	0.02	0.018

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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 <sub>2</sub> ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
06-Aug	1969 Kaye Rd	0	0	0	0	16	7	0.31	145	0.1	307	0.02	0.022
12-Aug	Lot 34 Stonefly			0	0	13	7	0.29	146	0.1	306		
19-Aug	1969 Kaye Rd			0	0	16	7	0.19	147	0.1	309		
26-Aug	Lot 34 Stonefly			0	0	13	6.9	0.3	147	0.1	310		
	<b>Average</b>	0	0	0	0	14.5	7.0	0.27	146.3	0.1	308.0	0.02	0.022
	<b>Maximum</b>	0	0	0	0	16	7	0.31	147	0.1	310	0.02	0.022
	<b>Minimum</b>	0	0	0	0	13	6.9	0.19	145	0.1	306	0.02	0.022

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Sep-08	1969 Kaye Road	0	0										
16-Sep	Lot 34 Stonefly			0	0	12	7	0.35	150	0.1	315	0.03	0.024
	<b>Average</b>	0	0	0	0	12.0	7.0	0.35	150.0	0.1	315.0	0.03	0.024
	<b>Maximum</b>	0	0	0	0	12	7	0.35	150	0.1	315	0.03	0.024
	<b>Minimum</b>	0	0	0	0	12	7	0.35	150	0.1	315	0.03	0.024

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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 <sub>2</sub> ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
07-Oct	1969 Kaye Rd	0	0	0	0	13	7.1	0.78	151	0.1	318	0.03	0.02
15-Oct	Lot 34 Stonefly			0	0	11	6.9	0.72	150	0.1	317		
21-Oct	1969 Kaye Rd			0	0	11	7.3	0.68	150	0.1	317		
29-Oct	Lot 34 Stonefly			0	0	11	7.1	0.7	149	0.1	315		
	<b>Average</b>	0	0	0	0	11.5	7.1	0.72	150.0	0.1	316.8	0.03	0.02
	<b>Maximum</b>	0	0	0	0	13	7.3	0.78	151	0.1	318	0.03	0.02
	<b>Minimum</b>	0	0	0	0	11	6.9	0.68	149	0.1	315	0.03	0.02

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Date Nov-08	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
04-Nov	1969 Kaye Rd	0	0	0	0	9	7.3	0.59	151	0.1	316	0.02	0.035
12-Nov	Lot 34 Stonefy			0	0	10	7.3	0.62	149	0.1	314		
18-Nov	1969 Kaye Rd			0	0	10	7.1	0.55	149	0.1	314		
25-Nov	Lot 34 Stonefy			0	0	10	6.9	0.53	149	0.1	313		
	<b>Average</b>	0	0	0	0	9.8	7.2	0.57	149.5	0.1	314.3	0.02	0.035
	<b>Maximum</b>	0	0	0	0	10	7.3	0.62	151	0.1	316	0.02	0.035
	<b>Minimum</b>	0	0	0	0	9	6.9	0.53	149	0.1	313	0.02	0.035

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02-Dec	1969 Kaye Rd	0	0	0	0	10	7.1	0.47	148	0.1	312	0.01	0.022
09-Dec	Lot 34 Stonefly			0	0	9	7.1	0.67	149	0.1	317		
	<b>Average</b>	0	0	0	0	9.5	7.1	0.57	148.5	0.1	314.5	0.01	0.022
	<b>Maximum</b>	0	0	0	0	10	7.1	0.67	149	0.1	317	0.01	0.022
	<b>Minimum</b>	0	0	0	0	9	7.1	0.47	148	0.1	312	0.01	0.022

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