



# Regional District of Nanaimo - Utilities Department

## Arbutus 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	2940 Fairwinds Dr	0	0	0	0	6	7.2	0.09	163	0.2	348	0.36	0.172
13-Jan	2832 Powder Pt	0	0	0	0	8	7	0.15	164	0.2	350		
19-Jan	2329 Chain Way	0	0	0	0	6	6.8	0.04	165	0.2	353		
27-Jan	2940 Fairwinds Dr			0	0	3	6.9	0.18	175	0.2	374		
	<b>Average</b>	0	0	0	0	5.8	7.0	0.12	166.8	0.2	356.3	0.36	0.172
	<b>Maximum</b>	0	0	0	0	8	7.2	0.18	175	0.2	374	0.36	0.172
	<b>Minimum</b>	0	0	0	0	3	6.8	0.04	163	0.2	348	0.36	0.172

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	2940 Fairwinds Dr	0	0	0	0	5	7.1	0.07	163	0.2	349	0.27	0.16
10-Feb	2832 Powder Pt	0	0	0	0	8	7.2	0.12	165	0.2	350		
17-Feb	2329 Chain Way	0	0	0	0	6	6.9	0.05	160	0.2	339		
24-Feb	2940 Fairwinds Dr					7	7.1	0.03	135	0.1	286		
	<b>Average</b>	0	0	0	0	6.5	7.1	0.07	155.8	0.2	331.0	0.27	0.16
	<b>Maximum</b>	0	0	0	0	8	7.2	0.12	165	0.2	350	0.27	0.16
	<b>Minimum</b>	0	0	0	0	5	6.9	0.03	135	0.1	286	0.27	0.16

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03-Mar	2832 Powder Pt	0	0	0	0	8	6.8	0.06	140	0.1	298	0.53	0.249
10-Mar	2940 Fairwinds Dr	0	0	0	0	2	6.8	0.05	139	0.1	296		
18-Mar	2329 Chain Way	0	0	0	0	6	7.1	0.04	149	0.1	316		
25-Mar	2940 Fairwinds Dr			0	0	7	6.9	0.03	144	0.1	304		
	<b>Average</b>	0	0	0	0	5.8	6.9	0.05	143.0	0.1	303.5	0.53	0.249
	<b>Maximum</b>	0	0	0	0	8	7.1	0.06	149	0.1	316	0.53	0.249
	<b>Minimum</b>	0	0	0	0	2	6.8	0.03	139	0.1	296	0.53	0.249

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Apr-09													
15-Apr	2832 Powder Pt	0	0										
22-Apr	2940 Fairwinds Dr	0	0	0	0	11	7	0.12	160	0.2	336		
29-Apr	2329 Chain Way					11	7.2	0.06	156	0.2	327		
	<b>Average</b>	0	0	0	0	11.0	7.1	0.09	158.0	0.2	331.5	#DIV/0!	#DIV/0!
	<b>Maximum</b>	0	0	0	0	11	7.2	0.12	160	0.2	336	0	0
	<b>Minimum</b>	0	0	0	0	11	7	0.06	156	0.2	327	0	0

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# Regional District of Nanaimo - Utilities Department

## Arbutus Water Analysis - Monthly Report



Date May-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-May	2940 Fairwinds Dr	0	0	0	0	11	7.2	0.05	155	0.2	328	0.44	0.239
12-May	2832 Powder Pt	0	0	0	0	10	6.9	0.16	173	0.2	362		
20-May	2329 Chain Way	0	0										
27-May	2940 Fairwinds Dr	0	0	0	0	14	6.7	0.06	101	0.1	213		
	<b>Average</b>	0	0	0	0	10.5	7.1	0.11	164.0	0.2	345.0	0.44	0.239
	<b>Maximum</b>	0	0	0	0	11	7.2	0.16	173	0.2	362	0.44	0.239
	<b>Minimum</b>	0	0	0	0	10	6.9	0.05	155	0.2	328	0.44	0.239

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## Arbutus Water Analysis - Monthly Report



Date Jun-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-Jun	2832 Powder Pt	0	0	0	0	12	6.9	0.19	111	0.1	234	0.44	0.192
09-Jun	2329 Chain Way	OG	OG	0	0	14	6.7	0.07	109	0.1	229		
16-Jun	2329 Chain Way	OG	OG					0.02					
16-Jun	House (2329 Chain)	OG	OG										
23-Jun	2940 Arbutus	0	0					0.11					
23-Jun	2329 Chain Way	0	0					0.06					
	<b>Average</b>	0	0	0	0	13.0	6.8	0.09	110.0	0.1	231.5	0.44	0.192
	<b>Maximum</b>	0	0	0	0	14	6.9	0.19	111	0.1	234	0.44	0.192
	<b>Minimum</b>	0	0	0	0	12	6.7	0.02	109	0.1	229	0.44	0.192

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07-Jul	2940 Fairwinds Dr			0	0	16	6.6	0.07	111	0.1	233	0.32	0.123
15-Jul	2832 Powder Pt			0	0	14	7	0.19	147	0.1	310		
22-Jul	2329 Chain Way		OG										
29-Jul	2329 Chain Way		OG	0	0	15	6.8	0.04	146	0.1	308		
	<b>Average</b>	#DIV/0!	#DIV/0!	0	0	15.0	6.8	0.10	134.7	0.1	283.7	0.32	0.123
	<b>Maximum</b>	0	0	0	0	16	7	0.19	147	0.1	310	0.32	0.123
	<b>Minimum</b>	0	0	0	0	14	6.6	0.04	111	0.1	233	0.32	0.123

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## Arbutus Water Analysis - Monthly Report



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	2329 Chain Way	0	0	0	0	16	6.6	0.18	169	0.2	355	0.56	0.255
12-Aug	2832 Powder Pt	0	0	0	0	13	6.8	0.13	171	0.2	359		
19-Aug	2490 Fairwinds Dr	0	0	0	0	18	6.9	0.08	153	0.1	321		
25-Aug	2329 Chain Way			0	0	14	6.9	0.04	148	0.1	311		
	<b>Average</b>	0	0	0	0	15.3	6.8	0.11	160.3	0.2	336.5	0.56	0.255
	<b>Maximum</b>	0	0	0	0	18	6.9	0.18	171	0.2	359	0.56	0.255
	<b>Minimum</b>	0	0	0	0	13	6.6	0.04	148	0.1	311	0.56	0.255

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Date Sep-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
01-Sep	2329 Chain Way	0	0					0.02					
09-Sep	2940 Fairwinds Dr	0	0			15	6.7	0.09	143	0.1	301	0.16	0.118
16-Sep	2832 Powder Pt	0	0	0	0	17	6.8	0.05	147	0.1	309		
22-Sep	2329 Chain Way			0	0	15	6.8	0.03	137	0.1	288		
29-Sep	2940 Fairwinds Dr			0	0	12	6.9	0.04	134	0.1	270		
	<b>Average</b>	0	0	0	0	14.8	6.8	0.05	140.3	0.1	292.0	0.16	0.118
	<b>Maximum</b>	0	0	0	0	17	6.9	0.09	147	0.1	309	0.16	0.118
	<b>Minimum</b>	0	0	0	0	12	6.7	0.02	134	0.1	270	0.16	0.118

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05-Oct	2329 Chain Way	0	0	0	0	13	6.7	0.08	164	0.2	342	0.39	
14-Oct	2940 Fairwinds Dr	0	0	0	0	10	6.7	0.09	147	0.1	310		0.208
20-Oct	2832 Powder Pt	0	0	0	0	12	6.8	0.03	140	0.1	294		
28-Oct	2940 Fairwinds Dr			0	0	13	6.9	0.06	149	0.1	314		
	<b>Average</b>	0	0	0	0	12.0	6.8	0.07	150.0	0.1	315.0	0.39	0.208
	<b>Maximum</b>	0	0	0	0	13	6.9	0.09	164	0.2	342	0.39	0.208
	<b>Minimum</b>	0	0	0	0	10	6.7	0.03	140	0.1	294	0.39	0.208

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04-Nov	2940 Fairwinds Dr	0	0	0	0	12	7	0.15	148	0.1	312	0.57	0.245
10-Nov	2832 Powder Pt	0	0	0	0	10	6.8	0.11	149	0.1	314		
17-Nov	2329 Chain Way	0	0	0	0	10	7.1	0.04	148	0.1	131		
24-Nov	2940 Fairwinds Dr			0	0	8	6.8	0.09	148	0.1	313		
	<b>Average</b>	0	0	0	0	10.0	6.9	0.10	148.3	0.1	267.5	0.57	0.245
	<b>Maximum</b>	0	0	0	0	12	7.1	0.15	149	0.1	314	0.57	0.245
	<b>Minimum</b>	0	0	0	0	8	6.8	0.04	148	0.1	131	0.57	0.245

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02-Dec	2940 Fairwinds	0	0	0	0	7	7	0.07	138	0.1	294	0.3	0.172
08-Dec	2832 Powder Pt	0	0	0	0	7	7.2	0.12	140	0.1	299		
15-Dec	2329 Chain Way	0	0										
22-Dec	2832 Powder Pt			0	0	9	6.9	0.1	147	0.1	311		
30-Dec	2329 Chain Way			0	0	8	6.7	0.03	151	0.2	320		
	<b>Average</b>	0	0	0	0	7.8	7.0	0.08	144.0	0.1	306.0	0.30	0.172
	<b>Maximum</b>	0	0	0	0	9	7.2	0.12	151	0.2	320	0.3	0.172
	<b>Minimum</b>	0	0	0	0	7	6.7	0.03	138	0.1	294	0.3	0.172

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