



# Regional District of Nanaimo - Utilities Department

## Melrose Terrace 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	3927 Melrose	0	0	0	0	5	6.9	0.02	185	0.2	398	0.12	0.039
15-Jan	Pumphouse			0	0	6	6.6	0.02	175	0.2	371		
22-Jan	3847 Melrose					6	7	0.02	188	0.2	397		
	<b>Average</b>	0	0	0	0	5.7	6.8	0.02	182.7	0.2	388.7	0.12	0.039
	<b>Maximum</b>	0	0	0	0	6	7	0.02	188	0.2	398	0.12	0.039
	<b>Minimum</b>	0	0	0	0	5	6.6	0.02	175	0.2	371	0.12	0.039

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	3729 Melrose Ter	0	0	0	0	6	6.6	0.01	187	0.2	402	0.31	0.022
12-Feb	Pumphouse			0	0	8	6.6	0.02	184	0.2	391		
20-Feb	3847 Melrose Ter			0	0	7	6.7	0.03	184	0.2	394		
26-Feb	3729 Melrose Ter			0	0	8	6.5	0.02	185	0.2	390		
	<b>Average</b>	0	0	0	0	7.3	6.6	0.02	185.0	0.2	394.3	0.31	0.022
	<b>Maximum</b>	0	0	0	0	8	6.7	0.03	187	0.2	402	0.31	0.022
	<b>Minimum</b>	0	0	0	0	6	6.5	0.01	184	0.2	390	0.31	0.022

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04-Mar	3729 Melrose Ter	0	0	0	0	8	6.5	0.02	184	0.2	390	0.18	0.027
12-Mar	Pumphouse			0	0	11	6.5	0.02	185	392			
18-Mar	3847 Melrose Ter			0	0	8	6.6	0.03	185	0.2	394		
26-Mar	3729 Melrose Ter					8	6.7	0.02	185	0.2	393		
	<b>Average</b>	0	0	0	0	8.8	6.6	0.02	184.8	98.2	392.3	0.18	0.027
	<b>Maximum</b>	0	0	0	0	11	6.7	0.03	185	392	394	0.18	0.027
	<b>Minimum</b>	0	0	0	0	8	6.5	0.02	184	0.2	390	0.18	0.027

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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 <sub>2</sub> ppm	TDS ppm	Sal %	Cond uS/cm	Fe ppm	Mn ppm
02-Apr	3729 Melrose Ter	0	0	0	0	8	6.6	0.03	187	0.2	396	0.12	
08-Apr	Pumphouse			0	0	10	6.5	0.03	185	0.2	390		
15-Apr	3847 Melrose Ter			0	0	10	6.5	0.03	187	0.2	392		0.014
22-Apr	3729 Melrose Ter			0	0	10	6.5	0.02	186	0.2	395		
	<b>Average</b>	0	0	0	0	9.5	6.5	0.03	186.3	0.2	393.3	0.12	0.014
	<b>Maximum</b>	0	0	0	0	10	6.6	0.03	187	0.2	396	0.12	0.014
	<b>Minimum</b>	0	0	0	0	8	6.5	0.02	185	0.2	390	0.12	0.014

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06-May	3729 Melrose Ter	0	0	0	0	11	6.5	0.02	186	0.2	392	0.18	0.026
21-May	Pumphouse			0	0	16	6.5	0.01	188	0.2	393		
27-May	3729 Melrose Ter			0	0	15	6.7	0.01	196	0.2	409		
	<b>Average</b>	0	0	0	0	14.0	6.6	0.01	190.0	0.2	398.0	0.18	0.026
	<b>Maximum</b>	0	0	0	0	16	6.7	0.02	196	0.2	409	0.18	0.026
	<b>Minimum</b>	0	0	0	0	11	6.5	0.01	186	0.2	392	0.18	0.026

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04-Jun	3729 Melrose Ter	0	0	0	0	15	6.4	0.02	191	0.2	402	0.12	0.018
11-Jun	Pumphouse			0	0	14	6.6	0.02	193	0.2	406		
17-Jun	3847 Melrose Ter			0	0	17	6.5	0.03	194	0.2	405		
24-Jun	3729 Melrose Ter			0	0	16	6.4	0.02	194	0.2	406		
	<b>Average</b>	0	0	0	0	15.5	6.5	0.02	193.0	0.2	404.8	0.12	0.018
	<b>Maximum</b>	0	0	0	0	17	6.6	0.03	194	0.2	406	0.12	0.018
	<b>Minimum</b>	0	0	0	0	14	6.4	0.02	191	0.2	402	0.12	0.018

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02-Jul	3729 Melrose Ter	0	0										
09-Jul	Pumphouse			0	0	18	6.6	0.02	193	0.2	404	0.11	0.016
15-Jul	3847 Melrose Ter			0	0	17	6.8	0.02	189	0.2	396		
22-Jul	3729 Melrose Ter			0	0	19	6.5	0.02	183	0.2	385		
29-Jul	Pumphouse			0	0	17	6.6	0.01	186	0.2	390		
	<b>Average</b>	0	0	0	0	17.8	6.6	0.02	187.8	0.2	393.8	0.11	0.016
	<b>Maximum</b>	0	0	0	0	19	6.8	0.02	193	0.2	404	0.11	0.016
	<b>Minimum</b>	0	0	0	0	17	6.5	0.01	183	0.2	385	0.11	0.016

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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	3729 Melrose Dr	0	0	BG	0	17	6.5	0.01	186	0.2	390	0.09	0.016
12-Aug	Pumphouse			0	0	18	6.5	0.03	187	0.2	393		
19-Aug	3847 Melrose			0	0	21	6.5	0.01	186	0.2	391		
26-Aug	Pumphouse			0	0	16	6.9	0.02	177	0.2	375		
	<b>Average</b>	0	0	0	0	18.0	6.6	0.02	184.0	0.2	387.3	0.09	0.016
	<b>Maximum</b>	0	0	0	0	21	6.9	0.03	187	0.2	393	0.09	0.016
	<b>Minimum</b>	0	0	0	0	16	6.5	0.01	177	0.2	375	0.09	0.016

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Sep-08	3729 Melrose	0	0										
16-Sep	3847 Melrose			0	0	20	6.5	0.02	186	0.2	388	0.12	0.017
	<b>Average</b>	0	0	0	0	20.0	6.5	0.02	186.0	0.2	388.0	0.12	0.017
	<b>Maximum</b>	0	0	0	0	20	6.5	0.02	186	0.2	388	0.12	0.017
	<b>Minimum</b>	0	0	0	0	20	6.5	0.02	186	0.2	388	0.12	0.017

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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	3729 Melrose Ter	0	0	0	0	15	6.5	0.02	18.3	0.2	386	0.12	0.017
15-Oct	Pumphouse			0	0	12	6.5	0.02	183	0.2	385		
21-Oct	3847 Melrose Ter			0	0	12	6.5	0.03	185	0.2	388		
29-Oct	3729 Melrose Ter			0	0	13	6.4	0.01	189	0.2	399		
	<b>Average</b>	0	0	0	0	13.0	6.5	0.02	143.8	0.2	389.5	0.12	0.017
	<b>Maximum</b>	0	0	0	0	15	6.5	0.03	189	0.2	399	0.12	0.017
	<b>Minimum</b>	0	0	0	0	12	6.4	0.01	18.3	0.2	385	0.12	0.017

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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	3729 Melrose Ter	0	0	0	0	12	6.4	0.01	188	0.2	396	0.38	0.14
12-Nov	Pumphouse			0	0	12	6.7	0.02	186	0.2	391		
18-Nov	3847 Melrose Ter			0	0	11	6.8	0.01	189	0.2	397		
25-Nov	3729 Melrose Ter			0	0	12	6.7	0	199	0.2	417		
	<b>Average</b>	0	0	0	0	11.8	6.7	0.01	190.5	0.2	400.3	0.38	0.14
	<b>Maximum</b>	0	0	0	0	12	6.8	0.02	199	0.2	417	0.38	0.14
	<b>Minimum</b>	0	0	0	0	11	6.4	0	186	0.2	391	0.38	0.14

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02-Dec	3729 Melrose Ter	0	0	0	0	11	6.5	0.01	211	0.2	445	0.06	0.123
09-Dec	Pumphouse			0	0	9	6.5	0.02	219	0.2	462		
	<b>Average</b>	0	0	0	0	10.0	6.5	0.02	215.0	0.2	453.5	0.06	0.123
	<b>Maximum</b>	0	0	0	0	11	6.5	0.02	219	0.2	462	0.06	0.123
	<b>Minimum</b>	0	0	0	0	9	6.5	0.01	211	0.2	445	0.06	0.123

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