



# 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-06	3927 Melrose	0	0	0	0	7	6.5	0.02	147	0.1	316	0.27	0.087
04-Jan	3927 Melrose	0	0	0	0	7	6.5	0.02	147	0.1	316	0.27	0.087
10-Jan	Pumphouse			0	0	10	6.4	0.04	164	0.2	348		
17-Jan	3927 Melrose			0	0	7	6.4	0.02	154	0.2	333		
23-Jan	Pumphouse			0	0	10	6.7	0.02	169	0.2	359		
31-Jan	3927 Melrose			0	0	7	6.6	0.01	173	0.2	365		
	<b>Average</b>	0	0	0	0	8.2	6.5	0.02	161.4	0.2	344.2	0.27	0.087
	<b>Maximum</b>	0	0	0	0	10	6.7	0.04	173	0.2	365	0.27	0.087
	<b>Minimum</b>	0	0	0	0	7	6.4	0.01	147	0.1	316	0.27	0.087

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-06													
07-Feb	3729 Melrose	0	0	0	0	7	6.8	0.02	173	0.2	370	0.17	0.031
14-Feb	Pumphouse			0	0	8	6.5	0.03	170	0.2	360		
21-Feb	3729 Melrose			0	0	6	6.6	0.02	171	0.2	362		
28-Feb	Pumphouse			0	0	6	6.6	0.02	174	0.2	371		
	<b>Average</b>	0	0	0	0	6.8	6.6	0.02	172.0	0.2	365.8	0.17	0.031
	<b>Maximum</b>	0	0	0	0	8	6.8	0.03	174	0.2	371	0.17	0.031
	<b>Minimum</b>	0	0	0	0	6	6.5	0.02	170	0.2	360	0.17	0.031

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Mar-06													
07-Mar	3729 Melrose	0	0	0	0	6	6.3	0.01	173	0.2	370	0.19	0.045
14-Mar	Pumphouse			0	0	10	6.6	0.02	176	0.2	373		
21-Mar	3729 Melrose			0	0	9	6.5	0.02	180	0.2	382		
28-Mar	Pumphouse			0	0	11	6.6	0.02	178	0.2	375		
	<b>Average</b>	0	0	0	0	9.0	6.5	0.02	176.8	0.2	375.0	0.19	0.045
	<b>Maximum</b>	0	0	0	0	11	6.6	0.02	180	0.2	382	0.19	0.045
	<b>Minimum</b>	0	0	0	0	6	6.3	0.01	173	0.2	370	0.19	0.045

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## Melrose Terrace Water Analysis - Monthly Report



Date Apr-06	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-Apr	3729 Melrose	0	0	0	0	9	6.8	0.01	177	0.2	376	0.28	0.037
11-Apr	Pumphouse			0	0	13	6.7	0.02	165	0.2	347		
19-Apr	3729 Melrose			0	0	8	6.4	0.02	159	0.2	336		
25-Apr	Pumphouse			0	0	12	6.7	0.03	162	0.2	339		
	<b>Average</b>	0	0	0	0	10.5	6.7	0.02	165.8	0.2	349.5	0.28	0.037
	<b>Maximum</b>	0	0	0	0	13	6.8	0.03	177	0.2	376	0.28	0.037
	<b>Minimum</b>	0	0	0	0	8	6.4	0.01	159	0.2	336	0.28	0.037

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## Melrose Terrace Water Analysis - Monthly Report



Date May-06	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-May	3729 Melrose	0	0	0	0	11	6.7	0.04	166	0.2	349	0.16	0.044
09-May	Pumphouse			0	0	14	6.6	0.03	173	0.2	364		
16-May	3729 Melrose			0	0	13	6.6	0.01	171	0.2	359		
23-May	Pumphouse			0	0	14	6.6	0.05	169	0.2	354		
30-May	3729 Melrose			0	0	16	6.6	0.02	171	0.2	359		
	<b>Average</b>	0	0	0	0	13.6	6.6	0.03	170.0	0.2	357.0	0.16	0.044
	<b>Maximum</b>	0	0	0	0	16	6.7	0.05	173	0.2	364	0.16	0.044
	<b>Minimum</b>	0	0	0	0	11	6.6	0.01	166	0.2	349	0.16	0.044

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06-Jun	Pumphouse			0	0	14	6.8	0.02	173	0.2	364	0.12	0.017
13-Jun	3927 Melrose	0	0	0	0	15	6.3	0.03	173	0.2	364		
20-Jun	Pumphouse			0	0	16	6.5	0.02	170	0.2	358		
27-Jun	3927 Melrose			0	0	19	6.4	0.04	169	0.2	356		
	<b>Average</b>	0	0	0	0	16.0	6.5	0.03	171.3	0.2	360.5	0.12	0.017
	<b>Maximum</b>	0	0	0	0	19	6.8	0.04	173	0.2	364	0.12	0.017
	<b>Minimum</b>	0	0	0	0	14	6.3	0.02	169	0.2	356	0.12	0.017

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05-Jul	3927 Melrose	0	0	0	0	20	6.7	0.03	167	0.2	351	0.1	0.015
11-Jul	Pumphouse			0	0	17	6.6	0.03	165	0.2	347		
18-Jul	3927 Melrose			0	0	17	6.8	0.03	166	0.2	349		
25-Jul	Pumphouse			0	0	19	6.6	0.04	159	0.2	335		
	<b>Average</b>	0	0	0	0	18.3	6.7	0.03	164.3	0.2	345.5	0.10	0.015
	<b>Maximum</b>	0	0	0	0	20	6.8	0.04	167	0.2	351	0.1	0.015
	<b>Minimum</b>	0	0	0	0	17	6.6	0.03	159	0.2	335	0.1	0.015

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01-Aug	3927 Melrose	0	0			19	6.6	0.00	153	0.2	321		
09-Aug	Pumphouse			0	0	17	6.9	0.02	160	0.2	334	0.08	0.016
15-Aug	Pumphouse			0	0	16	6.8	0.02	167	0.2	350		
22-Aug	Pumphouse			0	0	16	6.4	0.04	150	0.1	315		
29-Aug	3927 Melrose			0	0	19	6.6	0.03	158	0.1	332		
	<b>Average</b>	0	0	0	0	17.4	6.7	0.02	157.6	0.2	330.4	0.08	0.016
	<b>Maximum</b>	0	0	0	0	19	6.9	0.04	167	0.2	350	0.08	0.016
	<b>Minimum</b>	0	0	0	0	16	6.4	0	150	0.1	315	0.08	0.016

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06-Sep	Pumphouse			0	0	16	6.7	0.03	163	0.2	343	0.05	0.012
12-Sep	3927 Melrose	0	0	0	0	18	6.7	0.03	158	0.2	334		
19-Sep	Pumphouse			0	0	15	6.5	0.02	166	0.2	348		
26-Sep	3927 Melrose			0	0	17	6.7	0.03	160	0.2	335		
	<b>Average</b>	0	0	0	0	16.5	6.7	0.03	161.8	0.2	340.0	0.05	0.012
	<b>Maximum</b>	0	0	0	0	18	6.7	0.03	166	0.2	348	0.05	0.012
	<b>Minimum</b>	0	0	0	0	15	6.5	0.02	158	0.2	334	0.05	0.012

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03-Oct	3927 Melrose	0	0	0	0	16	6.5	0.03	160	0.2	333	0.08	0.016
11-Oct	Pumphouse			0	0	14	6.7	0.02	166	0.2	349		
17-Oct	3927 Melrose			0	0	14	6.5	0.02	172	0.2	362		
	<b>Average</b>	0	0	0	0	14.7	6.6	0.02	166.0	0.2	348.0	0.08	0.016
	<b>Maximum</b>	0	0	0	0	16	6.7	0.03	172	0.2	362	0.08	0.016
	<b>Minimum</b>	0	0	0	0	14	6.5	0.02	160	0.2	333	0.08	0.016

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07-Nov	3927 Melrose	0	0	0	0	13	6.6	0.02	170	0.2	358	0.08	0.011
15-Nov	Pumphouse			0	0	12	6.7	0.01	168	0.2	356		
21-Nov	3927 Melrose			0	0	9	6.7	0.02	169	0.2	359		
	<b>Average</b>	0	0	0	0	11.3	6.7	0.02	169.0	0.2	357.7	0.08	0.011
	<b>Maximum</b>	0	0	0	0	13	6.7	0.02	170	0.2	359	0.08	0.011
	<b>Minimum</b>	0	0	0	0	9	6.6	0.01	168	0.2	356	0.08	0.011

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05-Dec	3927 Melrose	0	0	0	0	8	6.6	0.01	173	0.2	370	0.09	0.009
12-Dec	Pumphouse			0	0	6	6.4	0.01	174	0.2	368		
19-Dec	3927 Melrose			0	0	6	6.5	0.01	180	0.2	382		
	<b>Average</b>	0	0	0	0	6.7	6.5	0.01	175.7	0.2	373.3	0.09	0.009
	<b>Maximum</b>	0	0	0	0	8	6.6	0.01	180	0.2	382	0.09	0.009
	<b>Minimum</b>	0	0	0	0	6	6.4	0.01	173	0.2	368	0.09	0.009

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