



# Regional District of Nanaimo - Water Services Department

## Decourcey Water Analysis - 2010 Monthly Report



Date	Sample Location (Address)	Health Department		In-House									
		Fecal Coliform *	Total Coliform *	Fecal Coliform *	Total Coliform *	Temp. (°C)	pH	Free Chlorine Residual (mg/L)	Total Dissolved Solids (mg/L)	Salinity (%)	Conductivity (µS/cm)	Total Iron (mg/L)	Manganese (mg/L)
5-Jan-10	2418 Pylades					6	7.5	0.02	316	0.3	655	0.02	0.004
11-Jan-10	2418 Pylades			0	0	7	7.0	0.02	318	0.3	663		
19-Jan-10	2418 Pylades	0	0	0	0	7	6.9	0.02	313	0.3	655		
27-Jan-10	2418 Pylades			0	0	7	7.2	0.02	317	0.3	660		
	<b>Average</b>	0	0	0	0	6.8	7.2	0.02	316.0	0.3	658.3	0.02	0.004
	<b>Maximum</b>	0	0	0	0	7	7.5	0.02	318	0.3	663	0.02	0.004
	<b>Minimum</b>	0	0	0	0	6	6.9	0.02	313	0.3	655	0.02	0.004

Red font indicates non-compliance with Canadian Drinking Water Guidelines

Aesthetic Objective for Iron is • 0.3 mg/L

Aesthetic Objective for Manganese is • 0.05mg/L

\*Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

Yellow Column Coliform tests are completed by Health Department

Blue column 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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8-Feb-10	2418 Pylades	0	0	0	0	8	7.4	0.01	311	0.3	650	0.04	0.004
16-Feb-10	2418 Pylades			0	0	8	7.4	0.02	306	0.3	637		
22-Feb-10	2418 Pylades			0	0	7	7.2	0.03	305	0.3	640		
	<b>Average</b>	0	0	0	0	7.7	7.3	0.02	307.3	0.3	642.3	0.04	0.004
	<b>Maximum</b>	0	0	0	0	8	7.4	0.03	311	0.3	650	0.04	0.004
	<b>Minimum</b>	0	0	0	0	7	7.2	0.01	305	0.3	637	0.04	0.004

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1-Mar-10	2418 Pylades	0	0	0	0	7	7.4	0.02	301	0.3	627	0.02	0.007
8-Mar-10	2418 Pylades			0	0	8	6.9	0.03	298	0.3	625		
23-Mar-10	2418 Pylades			0	0	9	7.2	0.03	298	0.3	622		
29-Mar-10	2418 Pylades			0	0	8	7.1	0.02	293	0.3	610		
	<b>Average</b>	0	0	0	0	8.0	7.2	0.03	297.5	0.3	621.0	0.02	0.007
	<b>Maximum</b>	0	0	0	0	9	7.4	0.03	301	0.3	627	0.02	0.007
	<b>Minimum</b>	0	0	0	0	7	6.9	0.02	293	0.3	610	0.02	0.007

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6-Apr-10	2418 Pylades			0	0								
12-Apr-10	2418 Pylades	0	0	0	0	9	6.9	0.02	290	0.3	604	0.04	0.003
19-Apr-10	2418 Pylades			0	0	9	6.8	0.02	286	0.3	597		
26-Apr-10	2418 Pylades			0	0	10	6.9	0.02	279	0.3	583		
	<b>Average</b>	0	0	0	0	9.3	6.9	0.02	285.0	0.3	594.7	0.04	0.003
	<b>Maximum</b>	0	0	0	0	10	6.9	0.02	290	0.3	604	0.04	0.003
	<b>Minimum</b>	0	0	0	0	9	6.8	0.02	279	0.3	583	0.04	0.003

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3-May-10	2418 Pylades			0	0	12	6.8	0.01	290	0.2	591	0.02	0.004
11-May-10	2418 Pylades			0	0	12	6.9	0.02	296	0.3	618		
17-May-10	2418 Pylades	0	0	0	0	12	7.1	0.02	294	0.3	612		
25-May-10	2418 Pylades			0	0	n/a	7.1	0.01	307	0.3	640		
	<b>Average</b>	0	0	0	0	12.0	7.0	0.02	296.8	0.3	615.3	0.02	0.004
	<b>Maximum</b>	0	0	0	0	12	7.1	0.02	307	0.3	640	0.02	0.004
	<b>Minimum</b>	0	0	0	0	12	6.8	0.01	290	0.2	591	0.02	0.004

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19-Jun-10	2458 Pylades			0	0								
21-Jun-10	2418 Pylades	0	0	0	0		7.6	0.01	340	0.3	705		
28-Jun-10	2458 Phlades			0	0		7.6	0.02	344	0.3	713		
	<b>Average</b>	0	0	0	0	#DIV/0!	7.6	0.02	342.0	0.3	709.0	#DIV/0!	#DIV/0!
	<b>Maximum</b>	0	0	0	0	0	7.6	0.02	344	0.3	713	0	0
	<b>Minimum</b>	0	0	0	0	0	7.6	0.01	340	0.3	705	0	0

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5-Jul-10	2458 Pylades			0	0		7.5	0.02	351	0.4	730	0.01	0.008
12-Jul-10	2458 Pylades			0	0		7.7	0.06	350	0.3	727		
19-Jul-10	2458 Pylades	0	0	0	0		7.5	0.02	349	0.4	730		
26-Jul-10	2458 Pylades			0	0		7.6	0.01	352	0.4	732		
	<b>Average</b>	0	0	0	0	#DIV/0!	7.6	0.03	350.5	0.4	729.8	0.01	0.008
	<b>Maximum</b>	0	0	0	0	0	7.7	0.06	352	0.4	732	0.01	0.008
	<b>Minimum</b>	0	0	0	0	0	7.5	0.01	349	0.3	727	0.01	0.008

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3-Aug-10	2458 Pylades			0	0		7.6	0.02	354	0.4	736	0.02	0.017
10-Aug-10	2458 Pylades	0	0	0	0	17	7.5	0.02	357	0.4	744		
16-Aug-10	2458 Pylades			0	0		7.2	0.02	364	0.4	770		
23-Aug-10	2458 Pylades			0	0	17	7.8	0.01	358	0.4	746		
30-Aug-10	2458 Pylades			0	0	17	7.3	0.01	361	0.4	749		
	<b>Average</b>	0	0	0	0	17.0	7.5	0.02	358.8	0.4	749.0	0.02	0.017
	<b>Maximum</b>	0	0	0	0	17	7.8	0.02	364	0.4	770	0.02	0.017
	<b>Minimum</b>	0	0	0	0	17	7.2	0.01	354	0.4	736	0.02	0.017

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7-Sep-10	2458 Pylades			0	0	16	7.3	0.02	352	0.4	760	0.02	0.014
13-Sep-10	2458 Pylades			0	0	15	7.5	0.03	360	0.4	763		
20-Sep-10	2458 Pylades	0	0	0	0		7.4	0.01	359	0.4	748		
28-Sep-10	2458 Pylades			0	0		7.6	0.01	359	0.4	744		
	<b>Average</b>	0	0	0	0	15.5	7.5	0.02	357.5	0.4	753.8	0.02	0.014
	<b>Maximum</b>	0	0	0	0	16	7.6	0.03	360	0.4	763	0.02	0.014
	<b>Minimum</b>	0	0	0	0	15	7.3	0.01	352	0.4	744	0.02	0.014

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4-Oct-10	2458 Pylades			0	0	15	7.4	0.01	359	0.4	745	0.02	0.009
12-Oct-10	2458 Pylades	0	0	0	0	14	7.6	0.02	356	0.4	740		
18-Oct-10	2459 Pylades			0	0		8	0.02	354	0.4	741		
25-Oct-10	2458 Pylades			0	0		7.8		357	0.4	752		
	<b>Average</b>	0	0	0	0	14.5	7.7	0.02	356.5	0.4	744.5	0.02	0.009
	<b>Maximum</b>	0	0	0	0	15	8	0.02	359	0.4	752	0.02	0.009
	<b>Minimum</b>	0	0	0	0	14	7.4	0.01	354	0.4	740	0.02	0.009

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1-Nov-10	2458 Pylades			0	0	12	7.8	0.01	365	0.4	755	0.03	0.003
8-Nov-10	2458 Pylades			0	0	11	7.7	0	360	0.4	779		
15-Nov-10	2458 Pylades	0	0	0	0	10	7.5	0.02	357	0.4	744		
22-Nov-10	2458 Pylades			0	0	8	7.7	0.05	348	0.3	745		
29-Nov-10	2458 Pylades			0	0	7	7.6	0.03	358	0.4	741		
	<b>Average</b>	0	0	0	0	9.6	7.7	0.02	357.6	0.4	752.8	0.03	0.003
	<b>Maximum</b>	0	0	0	0	12	7.8	0.05	365	0.4	779	0.03	0.003
	<b>Minimum</b>	0	0	0	0	7	7.5	0	348	0.3	741	0.03	0.003

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6-Dec-10	2458 Pylades	0	0	0	0	6	7.4	0.01	353	0.4	742	0.06	0.024
13-Dec-10	2458 Pylades			0	0		7.6	0.02	354	0.4	736		
20-Dec-10	2459 Pylades			0	0		7.3	0.01	361	0.4	750		
29-Dec-10	2459 Pylades			0	0		7.5	0.01	349	0.4	745		
	<b>Average</b>	0	0	0	0	6.0	7.5	0.01	354.3	0.4	743.3	0.06	0.024
	<b>Maximum</b>	0	0	0	0	6	7.6	0.02	361	0.4	750	0.06	0.024
	<b>Minimum</b>	0	0	0	0	6	7.3	0.01	349	0.4	736	0.06	0.024

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