



# Regional District of Nanaimo - Water Services Department

## Decourcey Water Analysis - 2014 Monthly Report



Date	Sample Location (Address)	Health Department		In-House									
		E. coli *	Total Coliform *	E.coli *	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)
2-Dec-14	2458 Pylades			0	0		7.24	0.02	364.0	0.36	745.0		
8-Dec-14	2458 Pylades	0	0	0	0	7	7.20	0.02	364.0	0.37	743.0	0.03	0.015
15-Dec-14	2458 Pylades			0	0	7	7.01	0.01	356.0	0.36	727.0		
	<b>Average</b>	0	0	0	0	7.0	7.2	0.02	361.3	0.4	738.3	0.03	0.015
	<b>Maximum</b>	0	0	0	0	7	7.24	0.02	364	0.37	745	0.03	0.015
	<b>Minimum</b>	0	0	0	0	7	7.01	0.01	356	0.36	727	0.03	0.015

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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3-Nov-14	2458 Pylades	T	T	0	0	12	7.12	0.02	370.0	0.37	757.0	0.03	0.013
18-Nov-14	2458 Pylades			0	0	10	7.14	0.02	369.0	0.37	753.0		
24-Nov-14	2458 Pylades			0	0	9	7.01	0.01	360.0	0.36	735.0		
	<b>Average</b>	#DIV/0!	#DIV/0!	0	0	10.3	7.1	0.02	366.3	0.4	748.3	0.03	0.013
	<b>Maximum</b>	0	0	0	0	12	7.14	0.02	370	0.37	757	0.03	0.013
	<b>Minimum</b>	0	0	0	0	9	7.01	0.01	360	0.36	735	0.03	0.013

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T=Sample not tested. Too long in transit.

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6-Oct-14	2458 Pylades			0	0	15	7.27	0.03	376.0	0.38	769.0	0.02	0.007
14-Oct-14	2458 Pylades	0	0	0	0	15	7.25	0.03	372.0	0.37	762.0		
20-Oct-14	2458 Pylades			0	0	14	7.26	0.02	372.0	0.37	761.0		
27-Oct-14	2458 Pylades			0	0	13	7.18	0.01	369.0	0.37	754.0		
	<b>Average</b>	0	0	0	0	14.3	7.2	0.02	372.3	0.4	761.5	0.02	0.007
	<b>Maximum</b>	0	0	0	0	15	7.27	0.03	376	0.38	769	0.02	0.007
	<b>Minimum</b>	0	0	0	0	13	7.18	0.01	369	0.37	754	0.02	0.007

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2-Sep-14	2458 Pylades	0	0	0	0	17	7.14	0.05	378.0	0.38	775.0		
8-Sep-14	2458 Pylades			0	0	17	7.25	0.04	376.0	0.38	773.0		
15-Sep-14	2458 Pylades			0	0	16	7.19	0.03	373.0	0.37	762.0	0.02	0.007
22-Sep-14	2458 Pylades			0	0	16	7.17	0.06	377.0	0.38	771.0		
29-Sep-14	2458 Pylades			0	0	16	7.20	0.02	369.0	0.37	756.0		
	<b>Average</b>	0	0	0	0	16.4	7.2	0.04	374.6	0.4	767.4	0.02	0.007
	<b>Maximum</b>	0	0	0	0	17	7.25	0.06	378	0.38	775	0.02	0.007
	<b>Minimum</b>	0	0	0	0	16	7.14	0.02	369	0.37	756	0.02	0.007

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5-Aug-14	2458 Pylades			0	0	19	7.32	0.03	386.0	0.39	790.0	0.02	0.016
11-Aug-14	2458 Pylades	0	0	0	0	18	7.23	0.05	377.0	0.38	773.0		
18-Aug-14	2458 Pylades			0	0	19	7.26	0.01	384.0	0.38	786.0		
25-Aug-14	2458 Pylades			0	0	17	7.23	0.04	367.0	0.37	751.0		
	<b>Average</b>	0	0	0	0	18.3	7.3	0.03	378.5	0.4	775.0	0.02	0.016
	<b>Maximum</b>	0	0	0	0	19	7.32	0.05	386	0.39	790	0.016	0.016
	<b>Minimum</b>	0	0	0	0	17	7.23	0.01	367	0.37	751	0.016	0.016

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7-Jul-14	2458 Plyades	0	0	0	0	15	6.58	0.04	372.0	0.37	765.0		
14-Jul-14	2458 Plyades			0	0		7.06	0.04	377.0	0.38	771.0		
21-Jul-14	2458 Plyades			0	0	17	7.14	0.03	383.0	0.38	783.0		
28-Jul-14	2458 Plyades			0	0	17	7.26	0.03	382.0	0.38	781.0		
	<b>Average</b>	0	0	0	0	16.3	7.0	0.04	378.5	0.4	775.0	-	-
	<b>Maximum</b>	0	0	0	0	17	7.26	0.04	383	0.38	783	0	0
	<b>Minimum</b>	0	0	0	0	15	6.58	0.03	372	0.37	765	0	0

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2-Jun-14	2458 Pylades	0	0	0	0	13	7.15	0.05	335.0	0.33	686.0	0.03	0.003
9-Jun-14	2458 Pylades			0	0	14	7.23	0.03	345.0	0.34	706.0		
16-Jun-14	2458 Pylades			0	0	14	7.01	0.07	356.0	0.35	730.0		
23-Jun-14	2458 Pylades			0	0	15	7.18	0.03	369.0	0.37	754.0		
30-Jun-14	2458 Pylades			0	0	14	7.01	0.04	371.0	0.37	759.0	0.00	0.010
	<b>Average</b>	0	0	0	0	14.0	7.1	0.04	355.2	0.4	727.0	0.02	0.0065
	<b>Maximum</b>	0	0	0	0	15	7.23	0.07	371	0.37	759	0.03	0.01
	<b>Minimum</b>	0	0	0	0	13	7.01	0.03	335	0.33	686	0.00	0.003

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5-May-14	2458 Pylades	0	0	0	0	10	7.00	0.02	284.0	0.28	585.0	0.02	0.008
12-May-14	2458 Pylades			0	0	10	7.10	0.03	295.0	0.29	608.0		
20-May-14	2458 Pylades			0	0	12	7.16	0.03	314.0	0.31	643.0		
26-May-14	2458 Pylades			0	0	13	7.16	0.03	322.0	0.32	661.0		
	<b>Average</b>	0	0	0	0	11.3	7.1	0.03	303.8	0.3	624.3	0.02	0.008
	<b>Maximum</b>	0	0	0	0	13	7.16	0.03	322	0.32	661	0.02	0.008
	<b>Minimum</b>	0	0	0	0	10	7	0.02	284	0.28	585	0.02	0.008

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7-Apr-14	2458 Pylades	0	0	0	0	7	7.14	0.03	328.0	0.33	673.0	0.03	0.005
14-Apr-14	2458 Pylades			0	0		7.10	0.02	330.0	0.33	677.0		
28-Apr-14	2459 Pylades			0	0	10	7.03		323.0	0.32	664.0		
	<b>Average</b>	0	0	0	0	8.5	7.1	0.03	327.0	0.3	671.3	0.03	0.005
	<b>Maximum</b>	0	0	0	0	10	7.14	0.03	330	0.33	677	0.03	0.005
	<b>Minimum</b>	0	0	0	0	7	7.03	0.02	323	0.32	664	0.03	0.005

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3-Mar-14	2458 Pylades	0	0	0	0	3	7.05	0.03	352.0	0.35	719.0	0.03	0.024
10-Mar-14	2458 Pylades			0	0	5	7.03	0.01	336.0	0.34	690.0		
17-Mar-14	2458 Pylades			0	0	5	7.06	0.04	340.0	0.34	698.0		
24-Mar-14	2458 Pylades			0	0	5	7.35	0.02	337.0	0.34	691.0		
31-Mar-14	2458 Pylades			0	0	9	7.23	0.05	330.0	0.33	677.0		
	<b>Average</b>	0	0	0	0	5.4	7.1	0.03	339.0	0.3	695.0	0.03	0.024
	<b>Maximum</b>	0	0	0	0	9	7.35	0.05	352	0.35	719	0.03	0.024
	<b>Minimum</b>	0	0	0	0	3	7.03	0.01	330	0.33	677	0.03	0.024

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3-Feb-14	2458 Pylades			0	0	5	7.18	0.01	352.0	0.35	721.0	0.02	0.012
11-Feb-14	2458 Pylades	0	0	0	0	4	6.97	0.02	361.0	0.36	739.0		
18-Feb-14	2458 Pylades			0	0	4	6.97	0.01	357.0	0.36	730.0		
25-Feb-14	2458 Pylades			0	0		7.06	0.02	342.0	0.34	702.0		
	<b>Average</b>	0	0	0	0	4.3	7.0	0.02	353.0	0.4	723.0	0.02	0.012
	<b>Maximum</b>	0	0	0	0	5	7.18	0.02	361	0.36	739	0.02	0.012
	<b>Minimum</b>	0	0	0	0	4	6.97	0.01	342	0.34	702	0.02	0.012

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6-Jan-14	2458 Pylades			0	0	7	7.16	0.04	364.0	0.36	744.0	0.03	0.014
13-Jan-14	2458 Pylades	0	0	0	0	7	7.06	0.01	360.0	0.36	731.0		
21-Jan-14	2458 Pylades			0	0	7	7.05	0.01	358.0	0.35	731.0		
27-Jan-14	2458 Pylades			0	0	6	7.15	0.01	358.0	0.37	737.0		
	<b>Average</b>	0	0	0	0	6.8	7.1	0.02	360.0	0.4	735.8	0.03	0.014
	<b>Maximum</b>	0	0	0	0	7	7.16	0.04	364	0.37	744	0.03	0.014
	<b>Minimum</b>	0	0	0	0	6	7.05	0.01	358	0.35	731	0.03	0.014

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