



Regional District of Nanaimo - Water Services Department

Decourcey Water Analysis - 2018 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)
4-Dec-18	2458 Pylades	0	0	0	0	9	7.64	0.03	365.0	0.37	748.0	0.01	0.021
11-Dec-18	2458 Pylades			0	0	8	7.60	0.02	359.0	0.36	736.0		
17-Dec-18	2458 Pylades			0	0	7	7.41	0.02	356.0	0.36	727.0		
	Average	0	0	0	0	8.0	7.6	0.02	360.0	0.36	737.0	0.01	0.021
	Maximum	0	0	0	0	9	7.64	0.03	365.0	0.37	748.0	0.01	0.021
	Minimum	0	0	0	0	7	7.41	0.02	356.0	0.36	727.0	0.01	0.021

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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7-Nov-18	2458 Pylades			0	0	12	7.70	0.01	370.0	0.37	755.0	0.01	0.016
14-Nov-18	2458 Pylades			0	0	11.5	7.79	0.01	377.0	0.38	772.0		
20-Nov-18	2458 Pylades	0	0	0	0	9	7.63	0.02	370.0	0.37	759.0		
26-Nov-18	2458 Pylades			0	0	8	7.78	0.02	373.0	0.37	763.0		
	Average	0	0	0	0.00	10.1	7.7	0.02	372.5	0.4	762.3	0.01	0.016
	Maximum	0	0	0	0	12	7.79	0.02	377	0.38	772	0.01	0.016
	Minimum	0	0	0	0	8	7.63	0.01	370	0.37	755	0.01	0.016

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9-Oct-18	2458 Pylades			0	0		7.70	0.02	371.0	0.37	764.0		
15-Oct-18	2458 Pylades			0	0		7.70	0.01	379.0	0.38	774.0		
23-Oct-18	2458 Pylades	0	0	0	0		7.89	0.02	375.0	0.38	768.0		
29-Oct-18	2458 Pylades			0	0	12	7.73	0.02	374.0	0.37	767.0		
	Average	0	0	0	0	12.0	7.8	0.02	374.8	0.38	768.3		
	Maximum	0	0	0	0	12	7.89	0.02	379.0	0.38	774.0		
	Minimum	0	0	0	0	12	7.7	0.01	371.0	0.37	764.0		

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4-Sep-18	2458 Pylades	0	0	0	0	17	7.76	0.03	377.0	0.38	772.0	0.02	0.000
11-Sep-18	2458 Pylades			0	0	17	7.68	0.01	371.0	0.38	759.0		
18-Sep-18	2458 Pylades			0	0	15	7.75	0.03	373.0	0.37	762.0		
25-Sep-18	2458 Pylades			0	0	15	7.74	0.03	371.0	0.37	760.0		
	Average	0	0	0	0	16.0	7.7	0.03	373.0	0.38	763.3	0.02	0.000
	Maximum	0	0	0	0	17	7.76	0.03	377.0	0.38	772.0	0.02	0.000
	Minimum	0	0	0	0	15	7.68	0.01	371.0	0.37	759.0	0.02	0.000

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7-Aug-18	2458 Pylades			0	0	18	7.63	0.02	372.0	0.37	760.0	0.03	0.004
14-Aug-18	2458 Pylades	0	0	0	0	17	7.52	0.07	383.0	0.38	782.0		
21-Aug-18	2458 Pylades			0	0		7.67	0.05	384.0	0.38	786.0		
27-Aug-18	2458 Pylades			0	0	16.5	7.51	0.02	386.0	0.39	783.0		
	Average	0	0	0	0	17.2	7.6	0.04	381.3	0.38	777.8	0.03	0.004
	Maximum	0	0	0	0	18	7.67	0.07	386.0	0.39	786.0	0.03	0.004
	Minimum	0	0	0	0	16.5	7.51	0.02	372.0	0.37	760.0	0.03	0.004

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3-Jul-18	2458 Pylades			0	0	17	7.41	0.00	371.0	0.37	759.0	0.01	0.019
11-Jul-18	2458 Pylades	0	0	0	0	16	7.46	0.04	371.0	0.37	760.0		
17-Jul-18	2458 Pylades			0	0	17	7.31	0.02	359.0	0.36	734.0		
23-Jul-18	2458 Pylades			0	0	17	7.41	0.04	368.0	0.37	756.0		
30-Jul-18	2458 Pylades			0	2	17.5	7.37	0.06	380.0	0.38	778.0		
	Average	0	0	0	0.4	16.9	7.4	0.03	369.8	0.37	757.4	0.01	0.019
	Maximum	0	0	0	2	17.5	7.46	0.06	380.0	0.38	778.0	0.01	0.019
	Minimum	0	0	0	0	16	7.31	0.00	359.0	0.36	734.0	0.01	0.019

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4-Jun-18	2458 Pylades	0	0	0	0	14	7.43	0.02	369.0	0.37	756.0		
12-Jun-18	2458 Pylades			0	0	14	7.39	0.02	365.0	0.36	748.0	0.01	0.000
19-Jun-18	2458 Pylades			0	0	17	7.39	0.07	368.0	0.37	751.0		
26-Jun-18	2458 Pylades			0	0	15	7.56	0.09	370.0	0.37	756.0		
	Average	0	0	0	0	15.0	7.4	0.05	368.0	0.4	752.8	0.01	0.000
	Maximum	0	0	0	0	17	7.56	0.09	370	0.37	756	0.01	0.000
	Minimum	0	0	0	0	14	7.39	0.02	365	0.36	748	0.01	0.000

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8-May-18	2458 Pylades	0	0	0	0	11	7.35	0.03	322.0	0.32	657.0	0.03	0.000
15-May-18	2458 Pylades			0	0	14	7.39	0.01	347.0	0.35	712.0		
22-May-18	2458 Pylades			0	0	5	7.36	0.06	370.0	0.37	757.0		
28-May-18	2458 Pylades			0	0	13	7.44	0.04	297.0	0.29	611.0		
	Average	0	0	0	0	10.8	7.4	0.04	334.0	0.33	684.3	0.03	0.000
	Maximum	0	0	0	0	14	7.44	0.06	370.0	0.37	757.0	0.03	0.000
	Minimum	0	0	0	0	5	7.35	0.01	297.0	0.29	611.0	0.03	0.000

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3-Apr-18	2458 Pylades			0	0								
10-Apr-18	2458 Pylades	0	0	0	0	8	7.25	0.02	316.0	0.32	649.0		
16-Apr-18	2458 Pylades			0	0		7.14		326.0	0.33	673.0		
23-Apr-18	2458 Pylades			0	0	9	6.98	0.05	321.0	0.32	659.0		
30-Apr-18	2458 Pylades			0	0		7.69		299.0	0.30	616.0		
	Average	0	0	0	0	8.5	7.3	0.04	315.5	0.32	649.3	#DIV/0!	#DIV/0!
	Maximum	0	0	0	0	9	7.69	0.05	326.0	0.33	673.0	0.00	0.000
	Minimum	0	0	0	0	8	6.98	0.02	299.0	0.30	616.0	0.00	0.000

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6-Mar-18	2458 Pylades	0	8	0	5		7.12	0.01	300.0	0.30	616.0	0.03	0.000
13-Mar-18	2458 Pylades	0	9	0	3	5	7.52	0.02	290.0	0.29	597.0		
19-Mar-18	2458 Pylades			0	4	6	7.03	0.01	292.0	0.29	601.0		
21-Mar-18	2458 Pylades	0	0	0	0			1.11					
26-Mar-18	2458 Pylades	0	0	0	0	7	6.92	0.23	292.0	0.29	589.0		
	Average	0	4.3	0	2.4	6.0	7.1	0.28	293.5	0.29	600.8	0.03	0.000
	Maximum	0	9	0	5	7	7.52	1.11	300.0	0.30	616.0	0.03	0.000
	Minimum	0	0	0	0	5	6.92	0.01	290.0	0.29	589.0	0.03	0.000

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6-Feb-18	2458 Pylades	0	0	0	0	7	7.28	0.02	326.0	0.33	667.0	0.03	0.025
13-Feb-18	2458 Pylades			0	0	6	7.22	0.02	336.0	0.34	691.0		
19-Feb-18	2458 Pylades			0	1	5	7.57	0.01	325.0	0.33	668.0		
26-Feb-18	2458 Pylades			0	1	5	7.52	0.01	316.0	0.32	649.0		
	Average	0	0	0	0.50	5.8	7.4	0.02	325.8	0.33	668.8	0.03	0.025
	Maximum	0	0	0	1	7	7.57	0.02	336.0	0.34	691.0	0.03	0.025
	Minimum	0	0	0	0	5	7.22	0.01	316.0	0.32	649.0	0.03	0.025

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2-Jan-18	2458 Pylades	0	0	0	0		7.59	0.05	342.0	0.34	699.0	0.02	0.015
9-Jan-18	2458 Pylades			0	1	5	7.26	0.01	344.0	0.34	706.0		
16-Jan-18	2458 Pylades			0	0	6	7.37	0.01	342.0	0.34	702.0		
23-Jan-18	2458 Pylades			0	0	6	7.61	0.02	340.0	0.34	697.0		
30-Jan-18	2458 Pylades			0	0	6	7.33	0.01	339.0	0.34	696.0		
	Average	0	0	0	0.20	6	7.4	0.02	341.4	0.34	700.0	0.02	0.015
	Maximum	0	0	0	1	6	7.61	0.05	344.0	0.34	706.0	0.02	0.015
	Minimum	0	0	0	0	5	7.26	0.01	339.0	0.34	696.0	0.02	0.015

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