

# Regional District of Nanaimo - Water Services Department

## Decourcey Water Analysis - 2020 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)
5-May-20	2458 Pylades	0	0	0	0	10	7.33	0.04	343.0	0.35	704.0	0.04	0.013
12-May-20	2458 Pylades			0	0	12	7.50	0.02	349.0	0.35	715.0		
	<b>Average</b>	0	0	0	0	11.0	7.4	0.03	346.0	0.35	709.5	0.04	0.013
	<b>Maximum</b>	0	0	0	0	12	7.5	0.04	349.0	0.35	715.0	0.04	0.013
	<b>Minimum</b>	0	0	0	0	10	7.33	0.02	343.0	0.35	704.0	0.04	0.013

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-Apr-20	2458 Pylades			0	0	8	7.35	0.02	324.0	0.32	665.0	0.05	0.011
14-Apr-20	2458 Pylades			0	0	9	7.37	0.02	333.0	0.33	684.0		
21-Apr-20	2458 Pylades	0	0	0	0	10	7.44	0.05	329.0	0.33	677.0		
27-Apr-20	2458 Pylades			0	0	10	7.42	0.04	342.0	0.32	700.0		
	Average	0	0	0	0	9.3	7.4	0.03	332.0	0.33	681.5	0.05	0.011
	Maximum	0	0	0	0	10	7.44	0.05	342.0	0.33	700.0	0.05	0.011
	Minimum	0	0	0	0	8	7.35	0.02	324.0	0.32	665.0	0.05	0.011

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3-Mar-20	2458 Pylades			0	0	6	7.33	0.02	320.0	0.32	659.0	0.03	0.031
10-Mar-20	2458 Pylades	0	0	0	0	7	7.35	0.03	322.0	0.32	663.0		
17-Mar-20	2458 Pylades			0	0	6	7.28	0.02	314.0	0.31	642.0		
24-Mar-20	2458 Pylades			0	0	8	7.51	0.02	324.0	0.32	665.0		
	Average	0	0.0	0	0	6.8	7.4	0.02	320.0	0.32	657.3	0.03	0.031
	Maximum	0	0	0	0	8	7.51	0.03	324.0	0.32	665.0	0.03	0.031
	Minimum	0	0	0	0	6	7.28	0.02	314.0	0.31	642.0	0.03	0.031

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4-Feb-20	2458 Pylades	0	0	0	0	5	7.23	0.02	339.0	0.34	694.0	0.03	0.019
11-Feb-20	2458 Pylades			0	0	8	7.24	0.02	335.0	0.34	696.0		
18-Feb-20	2458 Pylades			0	0	7	7.30	0.03	346.0	0.35	708.0		
25-Feb-20	2458 Pylades			0	0	5	7.39	0.02	350.0	0.35	717.0		
	Average	0	0	0	0.00	6.3	7.3	0.02	342.5	0.35	703.8	0.03	0.019
	Maximum	0	0	0	0	8	7.39	0.03	350.0	0.35	717.0	0.03	0.019
	Minimum	0	0	0	0	5	7.23	0.02	335.0	0.34	694.0	0.03	0.019

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7-Jan-20	2458 Pylades			0	0	8	7.26	0.00	349.0	0.35	716.0	0.02	0.014
14-Jan-20	2458 Pylades	0	0	0	0	6	7.29	0.03	352.0	0.35	721.0		
22-Jan-20	2458 Pylades			0	0	6	7.12	0.02	350.0	0.35	717.0		
28-Jan-20	2458 Pylades			0	0	5	7.36	0.03	355.0	0.36	727.0		
										.			
	Average	0	0	0	0.00	6	7.3	0.02	351.5	0.35	720.3	0.02	0.014
	Maximum	0	0	0	0	8	7.36	0.03	355.0	0.36	727.0	0.02	0.014
	Minimum	0	0	0	0	5	7.12	0.00	349.0	0.35	716.0	0.02	0.014

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