



# Regional District of Nanaimo - Water Services Department

## Decourcey Water Analysis - 2013 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-13	2458 Pylades	0	0	0	0	7	7.33	0.01	372.0	0.37	761.0	0.02	0.000
9-Dec-13	2458 Pylades			0	0		7.09	0.02	363.0	0.37	742.0		
16-Dec-13	2458 Pylades			0	0	7	7.08	0.03	368.0	0.37	756.0		
30-Dec-13	2458 Pylades			0	0	8	7.18	0.01	365.0	0.36	748.0		
	<b>Average</b>	0	0	0	0	7.3	7.2	0.02	367.0	0.4	751.8	0.02	0.000
	<b>Maximum</b>	0	0	0	0	8	7.33	0.03	372	0.37	761	0.02	0.000
	<b>Minimum</b>	0	0	0	0	7	7.08	0.01	363	0.36	742	0.02	0.000

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.



# Regional District of Nanaimo - Water Services Department

## Decourcey Water Analysis - 2013 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-Nov-13	2458 Pylades	0	0	0	0	10	7.04	0.03	365.0	0.37	747.0	0.02	0.023
12-Nov-13	2458 Pylades			0	0	10	7.19	0.01	367.0	0.37	749.0		
19-Nov-13	2458 Pylades			0	0	9	7.12	0.01	366.0	0.37	746.0		
26-Nov-13	2458 Pylades			0	0	8	7.24	0.03	367.0	0.37	750.0		
	<b>Average</b>	0	0	0	0	9.3	7.1	0.02	366.3	0.4	748.0	0.02	0.023
	<b>Maximum</b>	0	0	0	0	10	7.24	0.03	367	0.37	750	0.02	0.023
	<b>Minimum</b>	0	0	0	0	8	7.04	0.01	365	0.37	746	0.02	0.023

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.



# Regional District of Nanaimo - Water Services Department

## Decourcey Water Analysis - 2013 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)
7-Oct-13	2458 Pylades	0	0	0	0	14	7.23	0.01	354.0	0.36	718.0	0.02	0.000
15-Oct-13	2458 Pylades			0	0	12	7.21	0.01	366.0	0.36	750.0		
22-Oct-13	2458 Pylades			0	0	12	7.28	0.01	367.0	0.37	751.0		
28-Oct-13	2458 Pylades			0	0	13	7.56	0.01	355.0	0.36	721.0		
	<b>Average</b>	0	0	0	0	12.8	7.3	0.01	360.5	0.4	735.0	0.02	0
	<b>Maximum</b>	0	0	0	0	14	7.56	0.01	367	0.37	751	0.02	0
	<b>Minimum</b>	0	0	0	0	12	7.21	0.01	354	0.36	718	0.02	0

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.



# Regional District of Nanaimo - Water Services Department

## Decourcey Water Analysis - 2013 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)
3-Sep-13	2458 Pylades	0	0	0	0	16	7.14	0.01	369.0	0.37	755.0	0.02	0.000
9-Sep-13	2458 Pylades			0	0	16	7.32	0.01	370.0	0.37	757.0		
17-Sep-13	2458 Pylades			0	0	18	7.20	0.01	371.0	0.37	760.0		
23-Sep-13	2458 Pylades			0	0	16	7.24	0.02	372.0	0.37	762.0		
30-Sep-13	2458 Pylades			0	0	14	7.20	0.01	369.0	0.37	754.0		
	<b>Average</b>	0	0	0	0	16.0	7.2	0.01	370.2	0.4	757.6	0.02	0
	<b>Maximum</b>	0	0	0	0	18	7.32	0.02	372	0.37	762	0.02	0
	<b>Minimum</b>	0	0	0	0	14	7.14	0.01	369	0.37	754	0.02	0

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.



# Regional District of Nanaimo - Water Services Department

## Decourcey Water Analysis - 2013 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)
7-Aug-13	2458 Pylades Dr	0	0	0	7	17	7.12	0.00	377.0	0.38	770.0	0.01	0.009
12-Aug-13	2458 Pylades Dr			0	0	18	7.40	0.07	373.0	0.37	761.0		
19-Aug-13	2458 Pylades Dr			0	0	18	7.14	0.06	374.0	0.37	766.0		
26-Aug-13	2458 Pylades Dr			0	0		7.17	0.02	369.0	0.36	755.0		
	<b>Average</b>	0	0	0	1.75	17.7	7.2	0.04	373.3	0.4	763.0	0.01	0.009
	<b>Maximum</b>	0	0	0	7	18	7.4	0.07	377	0.38	770	0.01	0.009
	<b>Minimum</b>	0	0	0	0	17	7.12	0	369	0.36	755	0.01	0.009

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.

Total coliforms can be an indicator of adverse water quality if the result in the resample is positive (US Environmental Protection Agency). RDN water samples are always tested for E.coli coliform bacteria at the same time as total coliforms to rule out the presence of harmful pathogens. If background bacteria (BG), total or E.coli bacteria are detected location is resampled. If the bacteria test is overgrown (OG) location is also resampled.



# Regional District of Nanaimo - Water Services Department

## Decourcey Water Analysis - 2013 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-Jul-13	2458 Pylades	0	0	0	0	15	7.91	0.01	366.0	0.37	753.0	0.02	0.015
8-Jul-13	2458 Pylades			0	0	16	7.11	0.02	376.0	0.38	768.0		
15-Jul-13	2458 Pylades			0	0	16	7.12	0.02	370.0	0.37	757.0		
22-Jul-13	2458 Pylades			0	0	16	7.10	0.02	369.0	0.37	754.0		
29-Jul-13	2458 Pylades			0	0		7.11	0.01	372.0	0.37	761.0		
	<b>Average</b>	0	0	0	0	15.8	7.3	0.02	370.6	0.4	758.6	0.02	0.015
	<b>Maximum</b>	0	0	0	0	16	7.91	0.02	376	0.38	768	0.02	0.015
	<b>Minimum</b>	0	0	0	0	15	7.1	0.01	366	0.37	753	0.02	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.



# Regional District of Nanaimo - Water Services Department

## Decourcey Water Analysis - 2013 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)
3-Jun-13	2458 Pylades	0	0	0	0	13	7.58	0.01	330.0	0.33	676.0	0.07	0.025
10-Jun-13	2458 Pylades			0	0	13	7.69	0.01	342.0	0.34	699.0		
18-Jun-13	2458 Pylades			0	0	13	7.41	0.01	343.0	0.34	702.0		
24-Jun-13	2458 Pylades			0	0	17	7.37	0.01	364.0	0.36	745.0		
	<b>Average</b>	0	0	0	0	14.0	7.5	0.01	344.8	0.3	705.5	0.07	0.025
	<b>Maximum</b>	0	0	0	0	17	7.69	0.01	364	0.36	745	0.07	0.025
	<b>Minimum</b>	0	0	0	0	13	7.37	0.01	330	0.33	676	0.07	0.025

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.



# Regional District of Nanaimo - Water Services Department

## Decourcey Water Analysis - 2013 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)
6-May-13	2458 Pylades	0	0			9	7.36	0.02	319.0	0.32	655.0	0.05	0.000
14-May-13	2458 Pylades					14	7.28	0.00	322.0	0.32	662.0		
22-May-13	2458 Pylades					12	7.68	0.01	327.0	0.33	671.0		
27-May-13	2458 Pylades			0	0		7.51	0.01	329.0	0.33	675.0		
	<b>Average</b>	0	0	0	0	11.7	7.5	0.01	324.3	0.3	665.8	0.05	0
	<b>Maximum</b>	0	0	0	0	14	7.68	0.02	329	0.33	675	0.05	0
	<b>Minimum</b>	0	0	0	0	9	7.28	0	319	0.32	655	0.05	0

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.





# Regional District of Nanaimo - Water Services Department

## Decourcey Water Analysis - 2013 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-Apr-13	2458 Pylades	0	0	0	0	8	7.31	0.03	243.0	0.24	501.0	0.02	0.016
9-Apr-13	2458 Pylades			0	0	8	7.34	0.01	317.0	0.32	653.0		
16-Apr-13	2458 Pylades			0	0	9	7.40	0.02	331.0	0.33	678.0		
22-Apr-13	2458 Pylades			0	0	9	7.40	0.02	331.0	0.33	678.0		
29-Apr-13	2458 Pylades					12	7.28	0.01	312.0	0.31	640.0		
	<b>Average</b>	0	0	0	0	9.2	7.3	0.02	306.8	0.3	630.0	0.02	0.016
	<b>Maximum</b>	0	0	0	0	12	7.4	0.03	331	0.33	678	0.02	0.016
	<b>Minimum</b>	0	0	0	0	8	7.28	0.01	243	0.24	501	0.02	0.016

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.



# Regional District of Nanaimo - Water Services Department

## Decourcey Water Analysis - 2013 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-Mar-13	2458 Pylades	0	0	0	0	6	7.10	0.01	330.0	0.33	674.0	0.03	0.012
11-Mar-13	2458 Pylades			0	0	6	7.32	0.01	334.0	0.33	686.0		
18-Mar-13	2458 Pylades			0	0	6	7.35	0.01	329.0	0.33	675.0		
25-Mar-13	2458 Pylades			0	0	8	7.27	0.01	327.0	0.32	673.0		
	<b>Average</b>	0	0	0	0	6.5	7.3	0.01	330.0	0.3	677.0	0.03	0.012
	<b>Maximum</b>	0	0	0	0	8	7.35	0.01	334	0.33	686	0.03	0.012
	<b>Minimum</b>	0	0	0	0	6	7.1	0.01	327	0.32	673	0.03	0.012

**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.



# Regional District of Nanaimo - Water Services Department

## Decourcey Water Analysis - 2013 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-Feb-13	2458 Pylades	0	0	0	0	5	7.28	0.01	347.0	0.35	711.0	0.02	0.006
12-Feb-13	2458 Pylades			0	0	6	7.34	0.01	341.0	0.34	680.0		
18-Feb-13	2458 Pylades			0	0	5	7.41	0.01	342.0	0.34	701.0		
25-Feb-13	2458 Pylades			0	0	7	7.22	0.03	344.0	0.34	705.0		
	<b>Average</b>	0	0	0	0	5.8	7.3	0.02	343.5	0.3	699.3	0.02	0.006
	<b>Maximum</b>	0	0	0	0	7	7.41	0.03	347	0.35	711	0.02	0.006
	<b>Minimum</b>	0	0	0	0	5	7.22	0.01	341	0.34	680	0.02	0.006

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.



# Regional District of Nanaimo - Water Services Department

## Decourcey Water Analysis - 2013 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)
7-Jan-13	2458 Pylades	0	0	0	0	7	7.29	0.03	332.0	0.33	682.0	0.10	0.007
14-Jan-13	2458 Pylades			0	0	5	7.22	0.00	347.0	0.35	712.0		
21-Jan-13	2458 Pylades			0	0	5	7.16	0.02	337.0	0.34	689.0		
28-Jan-13	2458 Pylades			0	0	5	7.20	0.00	339.0	0.34	696.0		
	<b>Average</b>	0	0	0	0	5.5	7.2	0.01	338.8	0.3	694.8	0.10	0.007
	<b>Maximum</b>	0	0	0	0	7	7.29	0.03	347	0.35	712	0.1	0.007
	<b>Minimum</b>	0	0	0	0	5	7.16	0	332	0.33	682	0.1	0.007

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.