



Regional District of Nanaimo - Water Services Department

Decourcey Water Analysis - 2011 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)
06-Jan-11	2458 Pylades			0	0		7.5	0.00	342	0.3	715	0.06	0.067
10-Jan-11	2458 Pylades	0	0	0	0		7.3	0.00	338	0.3	727		
17-Jan-11	2458 Pylades			0	0		7.0	0.01	329	0.3	696		
25-Jan-11	2458 Pylades			0	0	5	7.4	0.02	334	0.3	710		
	Average	0	0	0	0	5.0	7.3	0.01	335.8	0.3	712.0	0.06	0.067
	Maximum	0	0	0	0	5	7.5	0.02	342	0.3	727	0.06	0.067
	Minimum	0	0	0	0	5	7	0	329	0.3	696	0.06	0.067

Red font indicates non-compliance with Canadian Drinking Water Guidelines

Aesthetic Objective for Iron is ≤ 0.3 mg/L

Aesthetic Objective for Manganese is ≤ 0.05 mg/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 - 2011 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)
01-Feb-11	2458 Pylades			0	0	6	7.4	0.01	328	0.3	685	0.06	0.001
07-Feb-11	2458 Pylades			0	0	6	7.3	0.01	330	0.3	689		
14-Feb-11	2458 Pylades			0	0	6	7.3	0.00	328	0.3	686		
21-Feb-11	2458 Pylades	0	0	0	0	5	7.4	0.01	319	0.3	666		
28-Feb-11	2458 Pylades			0	0	5	7.4	0.02	318	0.3	663	0	0.003
	Average	0	0	0	0	5.6	7.4	0.01	324.6	0.3	677.8	0.03	0.002
	Maximum	0	0	0	0	6	7.4	0.02	330	0.3	689	0.06	0.003
	Minimum	0	0	0	0	5	7.3	0	318	0.3	663	0	0.001

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 - 2011 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)
07-Mar-11	2458 Pylades			0	0	5	7.2	0.02	314	0.3	662		
15-Mar-11	2458 Pylades	0	0	0	0	6	7.2	0.01	309	0.3	672		
22-Mar-11	2458 Pylades			0	0	7	7.5	0.02	306	0.3	641		
28-Mar-11	2458 Pylades			0	0	8	7.4	0.02	310	0.3	654		
	Average	0	0	0	0	6.5	7.3	0.02	309.8	0.3	657.3	#DIV/0!	#DIV/0!
	Maximum	0	0	0	0	8	7.5	0.02	314	0.3	672	0	0
	Minimum	0	0	0	0	5	7.2	0.01	306	0.3	641	0	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 - 2011 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)
04-Apr-11	2458 Pylades			0	0	8	7.68	0.04	311	0.31	638	0.05	0.005
12-Apr-11	2458 Pylades	0	0	0	0	8	7.70	0.02	293	0.29	603		
18-Apr-11	2458 Pylades			0	0	8	7.78	0.02	302	0.30	621		
26-Apr-11	2458 Pylades			0	0	10	7.70	0	306	0.30	643		
	Average	0	0	0	0	8.5	7.7	0.02	303.0	0.3	626.3	0.05	0.005
	Maximum	0	0	0	0	10	7.78	0.04	311	0.31	643	0.05	0.005
	Minimum	0	0	0	0	8	7.68	0	293	0.29	603	0.05	0.005

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 - 2011 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)
03-May-11	2458 Pylades			0	0	10	7.81	0.06	203	0.2	419	0.06	0.002
10-May-11	2458 Pylades	0	0	0	0	10	7.8	0.01	130	0.21	275		
16-May-11	2458 Pylades			0	0	9	7.5	0.01	192	0.2	331		
24-May-11	2458 Pylades			0	0		7.9		205	0.2	370		
30-May-11	2458 Pylades			0	0	11	7.85	0.01	230	0.23	476		
	Average	0	0	0	0	10.0	7.8	0.02	192.0	0.2	374.2	0.06	0.002
	Maximum	0	0	0	0	11	7.9	0.06	230	0.23	476	0.06	0.002
	Minimum	0	0	0	0	9	7.5	0.01	130	0.2	275	0.06	0.002

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 - 2011 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)
06-Jun-11	2458 Pylades			0	0		7.6		249	0.2	474	0.08	0.048
14-Jun-11	2459 Pylades	0	0	0	0	14	7.7	0.03	283	0.3	525		
21-Jun-11	2458 Pylades			0	0	14	7.77	0.03	296	0.3	609		
28-Jun-11	2458 Pylades			0	0	14	7.8	0.01	356	0.4	680		
	Average	0	0	0	0	14.0	7.7	0.02	296.0	0.3	572.0	0.08	0.048
	Maximum	0	0	0	0	14	7.8	0.03	356	0.4	680	0.08	0.048
	Minimum	0	0	0	0	14	7.6	0.01	249	0.2	474	0.08	0.048

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 - 2011 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)
04-Jul-11	2458 Pylades			0	0	14	7.76	0.02	344	0.34	706		
11-Jul-11	2458 Pylades	0	0	0	7	15	7.35	0.02	355	0.35	728	0.04	0.013
13-Jul-11	2458 Pylades			0	0								
18-Jul-11	2458 Pylades			0	1	14	7.44	0.01	358	0.36	734		
25-Jul-11	2458 Pylades			0	0	16	7.54	0.01	372	0.36	761		
	Average	0	0	0	1.6	14.8	7.5	0.02	357.3	0.4	732.3	0.04	0.013
	Maximum	0	0	0	7	16	7.76	0.02	372	0.36	761	0.04	0.013
	Minimum	0	0	0	0	14	7.35	0.01	344	0.34	706	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.



Regional District of Nanaimo - Water Services Department

Decourcey Water Analysis - 2011 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)
03-Aug-11	2458 Pylades			0	0		7.10		355	0.33	523	0.05	0.016
08-Aug-11	2458 Pylades			0	0	18	7.20	0.1	377	0.38	738		
09-Aug-11	2458 Pylades			0	0								
15-Aug-11	2458 Pylades	0	0	0	0	17	7.34	0.06	375	0.37	728		
22-Aug-11	2458 Pylades			0	0	17	7.24	0.02	371	0.37	698		
29-Aug-11	2458 Pylades			0	0	17	7.41	0.03	373	0.37	713		
Average		0	0	0	0	17.3	7.3	0.05	370.2	0.4	680.0	0.05	0.016
Maximum		0	0	0	0	18	7.41	0.1	377	0.38	738	0.05	0.016
Minimum		0	0	0	0	17	7.1	0.02	355	0.33	523	0.05	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 ≤ 0.05 mg/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 - 2011 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)
06-Sep-11	2458 Pylades			0	0	16	7.46	0.02	367.0	0.37	752.0	0.02	0.029
12-Sep-11	2458 Pylades			0	0	19	7.57	0.02	371.0	0.37	758.0		
19-Sep-11	2458 Pylades	0	0	0	0	18	7.19	0.07	348.0	0.35	708.0		
26-Sep-11	2458 Pylades			0	1	14	7.23	0.01	349.0	0.35	716.0		
	Average	0	0	0	0.25	16.8	7.4	0.03	358.8	0.4	733.5	0.02	0.029
	Maximum	0	0	0	1	19	7.57	0.07	371	0.37	758	0.02	0.029
	Minimum	0	0	0	0	14	7.19	0.01	348	0.35	708	0.02	0.029

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 - 2011 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)
03-Oct-11	2458 Pylades			0	0	15	7.22	0.02	350.0	0.35	714.0	0.02	0.022
11-Oct-11	2458 Pylades	0	0	0	0	15	7.71	0.03	357.0	0.36	731.0		
17-Oct-11	2458 Pylades			0	0	14	7.23	0.00	353.0	0.35	722.0		
24-Oct-11	2458 Pylades			0	0	12	7.65	0.01	355.0	0.35	728.0		
31-Oct-11	2458 Pylades			0	0	11	7.31	0.01	356.0	0.36	731.0		
	Average	0	0	0	0	13.4	7.42	0.01	354.2	0.35	725.2	0.02	0.022
	Maximum	0	0	0	0	15	7.71	0.03	357.0	0.36	731.0	0.02	0.022
	Minimum	0	0	0	0	11	7.22	0.00	350.0	0.35	714.0	0.02	0.022

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 - 2011 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)
07-Nov-11	2458 Pylades			0	0	10	7.21	0.01	354.0	0.35	726.0		
14-Nov-11	2458 Pylades			0	5	9	7.04	0.01	359.0	0.36	754.0	0.04	0.005
21-Nov-11	2458 Pylades			0	0	8	7.19	0.05	363.0	0.36	744.0		
28-Nov-11	2458 Pylades			0	0	6	7.33	0.03	367.0	0.37	751.0		
	Average	#DIV/0!	#DIV/0!	0	1.25	8.3	7.2	0.03	360.8	0.4	743.8	0.04	0.005
	Maximum	0	0	0	5	10	7.33	0.05	367	0.37	754	0.04	0.005
	Minimum	0	0	0	0	6	7.04	0.01	354	0.35	726	0.04	0.005

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 - 2011 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)
05-Dec-11	2458 Pylades			0	0	6	7.25	0.03	360	0.36	738	0.11	0.006
12-Dec-11	2458 Pylades	0	0	0	0	6	7.24	0.01	362	0.36	740		
19-Dec-11	2459 Pylades			0	0	7	6.92	0.00	352	0.35	524		
	Average	0	0	0	0	6.3	7.1	0.01	358.0	0.4	667.3	0.11	0.006
	Maximum	0	0	0	0	7	7.25	0.03	362	0.36	740	0.11	0.006
	Minimum	0	0	0	0	6	6.92	0	352	0.35	524	0.11	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.