



# Regional District of Nanaimo - Water Services Department

## Nanoose Peninsula Water Analysis - 2012 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-Jan-12	1566 Arbutus	0	0	0	0	9	7.84	0.78	163.4	0.16	340.0	0.01	0.054
4-Jan-12	1270 Sea Dog	0	0	0	0	7	7.78	0.10	169.9	0.17	354.0	0.10	0.137
4-Jan-12	2315 Ida Lane	0	0	0	0	9	7.79	0.29	163.5	0.16	340.0	0.08	0.114
4-Jan-12	3500 Fairwinds	0	0	0	0	8	7.75	0.58	168.5	0.17	351.0	0.46	0.177
4-Jan-12	2329 Chain Way	0	0	0	0	8	7.72	0.13	163.5	0.16	341.0	0.18	0.148
10-Jan-12	1358 Madrona	0	0	0	0	8	7.59	1.07	170.2	0.17	354.0		
10-Jan-12	1900 Sea Otter	0	0	0	0	7	7.56	0.04	173.9	0.17	362.0		
10-Jan-12	2450 Nanoose			0	0	9	7.63	0.51	158.5	0.16	332.0		
10-Jan-12	3429 Redden	0	0	0	0	7	7.67	0.52	171.9	0.17	358.0		
10-Jan-12	2940 Fairwinds	0	0	0	0	9	7.65	0.54	162.6	0.16	339.0		
17-Jan-12	1819 NW Bay	0	0	0	0	8	7.66	0.04	161.3	0.16	336.0		
17-Jan-12	1639 Marina Way	0	0	0	0	8	7.43	0.44	169.2	0.17	352.0		
17-Jan-12	2315 Ida Lane			0	0	8	7.52	0.13	162.7	0.16	339.0		
17-Jan-12	3465 Cambridge	0	0	0	0	7	7.54	1.26	170.4	0.17	352.0		
17-Jan-12	2832 Powder Pt	0	0	0	0	8	7.58	0.46	159.1	0.16	332.0		
25-Jan-12	1565 Stonelake			0	0	8	7.24	1.19	168.2	0.17	256.0		
25-Jan-12	2254 Armstrong			0	0	7	7.16	0.26	160.6	0.16	240.0		
25-Jan-12	2940 Fairwinds			0	0	8	6.85	1.56	157.8	0.16	245.0		
31-Jan-12	1358 Madrona			0	0	7	7.41	1.08	170.1	0.17	354.0		
31-Jan-12	1961 Harlequin	0	0	0	0	6	7.42	0.03	167.6	0.17	350.0		
31-Jan-12	2450 Nanoose			0	0	8	7.47	0.12	159.8	0.16	333.0		
31-Jan-12	3730 Fairwinds	0	0	0	0	6	7.48	0.40	168.2	0.17	351.0		
31-Jan-12	3541 Shelby	0	0	0	0	7	7.55		168.6	0.17	350.0		
31-Jan-12	2329 Chain Way			0	0	6	7.59	0.11	164.0	0.16	342.0		
<b>Average</b>		0	0	0	0	7.0	7.5	0.51	165.6	0.2	333.5	0.17	0.126
<b>Maximum</b>		0	0	0	0	8	7.8	1.56	173.9	0.17	362	0.46	0.177
<b>Minimum</b>		0	0	0	0	6	6.9	0.03	157.8	0.16	240	0.01	0.054

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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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-Feb-12	1566 Arbutus Dr	0	0	0	0	7	7.31	0.88	165.3	0.16	344.0	0.01	0.068
7-Feb-12	1270 Sea Dog Rd	0	0	0	0	6	7.44	0.09	166.9	0.17	348.0	0.40	0.197
7-Feb-12	2315 Ida Lane	0	0	0	0	9	7.51	0.05	162.5	0.16	339.0	0.06	0.108
7-Feb-12	3500 Fairwinds	0	0	0	0	7	7.52	0.89	168.6	0.17	351.0	0.66	0.243
7-Feb-12	2832 Powder Pt	0	0	0	0	8	7.52	0.45	159.7	0.16	333.0	0.51	0.216
15-Feb-12	1358 Madrona	0	0	0	0	8	7.35	1.05	171.4	0.17	358.0		
15-Feb-12	1900 Sea Otter	0	0	0	0	7	7.71	0.11	171.2	0.17	353.0		
15-Feb-12	2254 Armstrong			0	0	7	7.75	0.24	163.0	0.16	340.0		
15-Feb-12	3429 Redden	0	0	0	0	7	7.68	0.69	169.1	0.17	352.0		
15-Feb-12	2940 Fairwinds	0	0	0	0	11	7.64	0.29	164.8	0.16	344.0		
22-Feb-12	1819 NW Bay	0	0	0	0	9	7.15		189.6	0.19	393.0		
22-Feb-12	1639 Marina Way	0	0	0	0	8	7.31	0.28	167.1	0.17	348.0		
22-Feb-12	2450 Nanoose			0	0	9	7.52	0.14	160.9	0.16	335.0		
22-Feb-12	3465 Cambridge	0	0	0	0	9	7.51	0.94	168.4	0.17	351.0		
22-Feb-12	2329 Chain Way	0	0	0	0	8	7.49	0.07	167.8	0.17	351.0		
29-Feb-12	1565 Stonelake Dr			0	0	8	7.77	1.35	173.8	0.17	362.0		
29-Feb-12	1961 Harlequin	0	0	0	0	7	7.71	0.04	169.9	0.17	353.0		
29-Feb-12	2254 Armstrong			0	0	7	7.72	0.15	162.2	0.16	338.0		
29-Feb-12	3730 Fairwinds	0	0	0	0	7	7.66	0.23	170.5	0.17	353.0		
29-Feb-12	3541 Shelby	0	0	0	0	7	7.64	0.40	169.5	0.17	353.0		
29-Feb-12	2832 Powder Pt			0	0	8	7.65	0.22	159.3	0.16	332.0		
	<b>Average</b>	0	0	0	0	7.8	7.6	0.43	167.7	0.2	349.1	0.33	0.166
	<b>Maximum</b>	0	0	0	0	11	7.77	1.35	189.6	0.19	393	0.66	0.243
	<b>Minimum</b>	0	0	0	0	6	7.15	0.04	159.3	0.16	332	0.01	0.068

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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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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-Mar-12	1566 Arbutus	A	A	0	0	8	7.73	0.88	165.5	0.16	344.0	0.01	0.077
6-Mar-12	1270 Sea Dog	A	A	0	0	7	7.65	0.10	171.2	0.17	356.0	0.08	0.130
6-Mar-12	2315 Ida Lane	A	A	0	0	9	7.76	0.09	163.4	0.16	340.0	0.05	0.112
6-Mar-12	3500 Fairwinds	A	A	0	0	7	7.76	0.70	169.9	0.17	354.0	0.52	0.228
6-Mar-12	2940 Fairwinds	A	A	0	0	12	7.67	0.07	164.0	0.16	341.0	0.44	0.126
14-Mar-12	1358 Madrona	0	0	0	0	7	7.47	1.04	173.7	0.17	361.0		
14-Mar-12	1900 Sea Otter	0	0	0	0	7	7.54	0.04	169.5	0.17	353.0		
14-Mar-12	2450 Nanoose			0	0	8	7.55	0.18	164.3	0.16	343.0		
14-Mar-12	3465 Cambridge	0	0	0	0	7	7.54	0.69	169.8	0.17	354.0		
14-Mar-12	3429 Redden	0	0	0	0	7	7.49	0.11	169.5	0.17	353.0		
14-Mar-12	2329 Chain	0	0	0	0	6	7.55	0.29	164.8	0.16	343.0		
21-Mar-12	1819 NW Bay Rd	0	0	0	0	8	7.42	2.70	184.1	0.18	382.0		
21-Mar-12	1639 Marina	0	0	0	0	8	7.53	1.22	167.8	0.17	290.0		
21-Mar-12	2254 Armstrong			0	0	8	7.61	0.44	165.5	0.16	288.0		
21-Mar-12	3730 Fairwinds	0	0	0	0	8	7.35	0.57	169.2	0.17	294.0		
21-Mar-12	2832 Powder Pt	0	0	0	0	8	7.58	3.00	159.2	0.16	274.0		
27-Mar-12	1565 Stonelake			0	0	9	7.26	0.05	169.5	0.17	353.0		
27-Mar-12	1961 Harlequin	0	0	0	0	7	7.33	0.02	169.2	0.17	353.0		
27-Mar-12	2450 Nanoose			0	0	9	7.47	0.06	146.8	0.15	306.0		
27-Mar-12	3541 Shelby	0	0	0	0	8	7.41	0.72	169.4	0.17	353.0		
27-Mar-12	2940 Fairwinds			0	0	11	7.42	0.03	151.2	0.15	316.0		
	<b>Average</b>	#DIV/0!	#DIV/0!	0	0	8.0	7.5	0.62	166.5	0.17	335.8	0.22	0.1346
	<b>Maximum</b>	0	0	0	0	12	7.76	3.00	184.1	0.18	382	0.52	0.228
	<b>Minimum</b>	0	0	0	0	6	7.26	0.02	146.8	0.15	274	0.01	0.077

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A-Transport time was too long to laboratory.

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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		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-Apr-12	1566 Arbutus	0	0	0	0		7.27	0.75	161.1	0.16	335.0	0.01	0.086
4-Apr-12	1270 Sea Dog	0	0	0	0		7.30	0.04	166.3	0.17	347.0	0.19	0.139
4-Apr-12	2315 Ida Lane	0	0	0	0		7.37	0.06	158.7	0.16	331.0	0.04	0.113
4-Apr-12	3500 Fairwinds	0	0	0	0		7.39	0.21	163.7	0.16	340.0	0.59	0.199
4-Apr-12	2329 Chain Way	0	0	0	0		7.44	0.04	159.6	0.16	333.0	0.18	0.082
11-Apr-12	1358 Madrona	0	0	0	0	9	7.30	1.00	170.4	0.17	355.0		
11-Apr-12	1900 Sea Dog	0	0	0	0	9	7.40	0.07	170.3	0.17	355.0		
11-Apr-12	2450 Nanoose			0	0	9	7.44	0.09	160.8	0.16	335.0		
11-Apr-12	3429 Redden	0	0	0	0	9	7.44	0.06	165.2	0.16	344.0		
11-Apr-12	2832 Powder Pt	0	0	0	0	9	7.46	0.10	159.4	0.16	332.0		
18-Apr-12	1819 NW Bay	0	0	0	0	10	7.15	3.10	196.1	0.19	408.0		
18-Apr-12	1639 Marina	0	0	0	0	9	7.32	0.06	168.8	0.17	352.0		
18-Apr-12	2254 Armstrong			0	0	9	7.31	0.04	162.6	0.16	339.0		
18-Apr-12	3465 Cambridge	0	0	0	0	10	7.37	0.19	167.3	0.17	349.0		
18-Apr-12	2940 Fairwinds	0	0	0	0	12	7.34	0.07	160.5	0.16	334.0		
25-Apr-12	1565 Stonelake			0	0	10	7.44	1.02	175.1	0.17	291.0		
25-Apr-12	1961 Harlequin	0	0	0	0	10	7.34	0.40	168.7	0.17	277.0		
25-Apr-12	2450 Nanoose			0	0	10	7.40	3.00	158.6	0.16	261.0		
25-Apr-12	3730 Fairwinds	0	0	0	0	12	7.43	0.19	168.4	0.17	279.0		
25-Apr-12	3541 Shelby	0	0	0	0			0.18					
25-Apr-12	2329 Chain Way			0	0	9	7.34	1.10	162.4	0.16	265.0		
	<b>Average</b>	0	0	0	0	9.7	7.4	0.56	166.4	0.2	331.4	0.20	0.124
	<b>Maximum</b>	0	0	0	0	12.0	7.46	3.1	196.1	0.19	408	0.59	0.199
	<b>Minimum</b>	0	0	0	0	9.0	7.15	0.04	158.6	0.16	261	0.01	0.082

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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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		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-May-12	1358 Madrona	0	0	0	0	10	7.04	0.63	170.9	0.17	356.0	0.00	0.055
2-May-12	1639 Marina	0	0	0	0	10	7.08	0.06	169.8	0.17	354.0	0.54	0.195
2-May-12	2315 Ida Lane	0	0	0	0	10	7.28	0.05	164.0	0.16	342.0	0.06	0.101
2-May-12	3500 Fairwinds	0	0	0	0	10	7.35	0.18	169.1	0.17	352.0	0.61	0.192
2-May-12	2940 Fairwinds	0	0	0	0	10	7.44	0.06	162.5	0.16	338.0	0.13	0.134
9-May-12	1565 Stonelake			0	0	11	7.26	1.04	179.2	0.18	373.0		
9-May-12	1900 Sea Otter	A	A	0	0	11	7.52		163.6	0.16	341.0		
9-May-12	2254 Armstrong			0	0	11	7.53	0.05	164.7	0.16	343.0		
9-May-12	3329 Redden	A	A	0	0	13	7.49	0.04	168.2	0.17	351.0		
9-May-12	3465 Cambridge	A	A	0	0	12	7.59	0.16	167.1	0.17	348.0		
9-May-12	2329 Chain	A	A	0	0	11	7.57	0.06	162.3	0.16	338.0		
15-May-12	1566 Arbutus	0	0	0	0	12	7.23	0.57	160.7	0.16	335.0		
15-May-12	1270 Sea Dog	0	0	0	0	13	7.27	0.26	174.4	0.17	363.0		
15-May-12	2450 Nanoose			0	0	11	7.28	0.06	161.9	0.16	338.0		
15-May-12	3730 Fairwinds	0	0	0	0	14	7.36	0.05	170.2	0.17	354.0		
15-May-12	2832 Powder Pt	0	0	0	0	11	7.38	0.07	162.3	0.16	338.0		
23-May-12	1819 NW Bay	0	0	0	0	11	7.62	0.02	160.5	0.16	335.0		
23-May-12	1961 Harlequin	0	0	0	0	13	7.32	0.05	165.0	0.16	344.0		
23-May-12	2254 Armstrong			0	0	12	7.38	0.05	150.7	0.15	315.0		
23-May-12	3541 Shelby	0	0	0	0	12	7.43	0.28	164.4	0.16	343.0		
23-May-12	2329 Chain			0	0	11	7.46	0.03	157.4	0.16	328.0		
	<b>Average</b>	0	0	0	0	11.4	7.4	0.34	165.2	0.2	344.2	0.27	0.135
	<b>Maximum</b>	0	0	0	0	14	7.62	1.04	179.2	0.18	373	0.61	0.195
	<b>Minimum</b>	0	0	0	0	10	7.04	0.05	150.7	0.15	315	0.00	0.055

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Aesthetic Objective for Iron is ≤0.3 mg/L

Aesthetic Objective for Manganese is ≤0.05mg/L

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6-Jun-12	1566 Arbutus	0	0	0	0	14	7.24	0.07	123.1	0.12	258.0	0.01	0.046
6-Jun-12	1270 Sea Dog	0	0	0	0	14	7.33	0.05	45.2	0.04	95.8	0.07	0.072
6-Jun-12	2315 Ida Lane	0	0	0	0	14	7.31	0.06	131.7	0.13	275.0	0.05	0.115
6-Jun-12	3500 Fairwinds	0	0	0	0	13	7.34	0.27	114.7	0.11	240.0	0.35	0.135
6-Jun-12	2832 Powder Pt	0	0	0	0	12	7.36	0.04	98.1	0.10	206.1	0.28	0.118
13-Jun-12	1358 Madrona	0	0	0	0	14	7.43	0.16	110.7	0.11	232.0		
13-Jun-12	1900 Sea Otter	0	0	0	0	15	7.40	0.07	123.3	0.12	258.0		
13-Jun-12	2450 Nanoose			0	0	13	7.39	0.01	130.4	0.13	273.0		
13-Jun-12	3465 Cambridge	0	0	0	0	14	7.44	0.71	122.4	0.12	257.0		
13-Jun-12	2940 Fairwinds	0	0	0	0	12	7.46	0.03	102.1	0.10	214.5		
20-Jun-12	1819 NW Bay	0	0	0	0	12	7.05	0.61	172.4	0.17	359.0		
20-Jun-12	1639 Marina	0	0	0	0	12	7.32	0.01	112.2	0.11	236.0		
20-Jun-12	2254 Armstrong			0	0	14	7.39	0.05	88.2	0.09	186.0		
20-Jun-12	3429 Redden	0	0	0	0	16	7.32	0.20	137.3	0.14	287.0		
20-Jun-12	2329 Chain Way	0	0	0	0	13	7.31	0.07	135.2	0.13	283.0		
27-Jun-12	1565 Stonelake			0	0	13	7.14		151.3	0.15	316.0		
27-Jun-12	1961 Harlequin	0	0	0	0	15	7.16		122.6	0.12	258.0		
27-Jun-12	2450 Nanoose			0	0	13	7.06		118.4	0.12	249.0		
27-Jun-12	3730 Fairwinds	0	0	0	0	16	7.20		139.5	0.14	291.0		
27-Jun-12	3541 Shelby	0	0	0	0	15	7.33		141.7	0.14	296.0		
27-Jun-12	2832 Powder Pt			0	0	11	7.38		134.7	0.13	282.0		
	<b>Average</b>	0	0	0	0	13.6	7.3	0.16	121.7	0.12	254.9	0.15	0.097
	<b>Maximum</b>	0	0	0	0	16	7.46	0.71	172.4	0.17	359	0.35	0.135
	<b>Minimum</b>	0	0	0	0	11	7.05	0.01	45.2	0.04	95.8	0.01	0.046

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## Nanoose Peninsula Water Analysis - 2012 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)
10-Jul-12	1566 Arbutus	0	0	0	0	14	7.24	0.17	75.5	0.07	158.5	0.04	0.039
10-Jul-12	1270 Sea Dog	0	0	0	0	16	7.14	0.07	126.8	0.13	265.0	2.37	0.355
10-Jul-12	2315 Ida Lane	0	0	0	0	16	7.19	0.02	93.0	0.09	195.1	0.08	0.094
10-Jul-12	3500 Fairwinds	0	0	0	0	14	7.16	0.11	143.3	0.14	300.0	0.45	0.124
10-Jul-12	2940 Fairwinds	0	0	0	0	13	7.23	0.05	146.3	0.15	305.0	0.53	0.212
18-Jul-12	1358 Madrona	0	0	0	0	16	7.20	0.38	124.6	0.12	261.0		
18-Jul-12	1900 Sea Otter	0	0	0	0	18	7.21	0.02	128.3	0.13	269.0		
18-Jul-12	2254 Armstrong			0	0	15	7.35	0.10	89.1	0.09	188.0		
18-Jul-12	3465 Cambridge	0	0	0	0	14	7.30	0.14	147.6	0.15	309.0		
18-Jul-12	3429 Redden	0	0	0	0	18	7.27	0.11	152.8	0.15	318.0		
18-Jul-12	2329 Chain Way	0	0	0	0	14	7.39	0.11	141.3	0.14	295.0		
25-Jul-12	1819 NW Bay	0	0	0	0	12	7.51	1.09	182.6	0.18	380.0		
25-Jul-12	1639 Marina	0	0	0	0	13	7.54	0.05	134.0	0.13	280.0		
25-Jul-12	2450 Nanoose			0	0	14	7.51	0.04	134.4	0.13	281.0		
25-Jul-12	3730 Fairwinds	0	0	0	0	17	7.59	0.06	149.3	0.15	311.0		
25-Jul-12	2832 Powder Pt	0	0	0	0	12	7.68	0.13	155.9	0.15	325.0		
31-Jul-12	1565 Stonelake			0	0	15	7.24	0.28	120.3	0.12	252.0		
31-Jul-12	1961 Harlequin	0	0	0	0	17	7.27	0.03	121.6	0.12	254.0		
31-Jul-12	2254 Armstrong			0	0	16	7.37	0.03	100.3	0.10	210.9		
31-Jul-12	3541 Shelby	0	0	0	0	15	7.32	0.09	152.2	0.15	318.0		
31-Jul-12	2940 Fairwinds			0	0	16	7.73	0.05	144.7	0.14	303.0		
	<b>Average</b>	0	0	0	0	15.0	7.4	0.15	131.6	0.1	275.2	0.69	0.1648
	<b>Maximum</b>	0	0	0	0	18	7.73	1.09	182.6	0.18	380	2.37	0.355
	<b>Minimum</b>	0	0	0	0	12	7.14	0.02	75.5	0.07	158.5	0.04	0.039

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

## Nanoose Peninsula Water Analysis - 2012 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)
8-Aug-12	1566 Arbutus	0	0	0	0	17	7.25	0.23	70.3	0.07	148.7	0.06	0.014
8-Aug-12	1270 Seadog	0	0	0	0	17	7.12	0.49	107.2	0.10	225.0	0.65	0.146
8-Aug-12	2315 Ida Lane	0	0	0	0	18	7.42	0.11	51.9	0.05	109.9	0.09	0.112
8-Aug-12	3500 Fairwinds	0	0	0	0	19	7.34	0.54	151.5	0.15	316.0	0.09	0.031
8-Aug-12	2940 Fairwinds	0	0	0	0	13	6.91	0.45	161.7	0.16	337.0	0.59	0.227
15-Aug-12	1358 Madrona	0	0	0	0	18	7.22	0.23	102.2	0.10	214.7		
15-Aug-12	169 Marina	0	0	0	0	16	7.17	0.04	86.7	0.09	182.6		
15-Aug-12	2254 Armstong			0	0	16	7.21	0.06	109.1	0.11	229.0		
15-Aug-12	3429 Reddon	0	0	0	0	19	7.09	0.21	154.5	0.15	322.0		
15-Aug-12	3541 Shelby	0	0	0	0	16		1.02					
15-Aug-12	2329 Chain Way	0	0	0	0	15	7.30	0.29	160.8	0.16	335.0		
22-Aug-12	1566 Arbutus			0	0	17	7.23	0.10	68.9	0.07	145.6		
22-Aug-12	1900 Sea Otter	0	0	0	0	18	6.68	0.09	133.0	0.13	278.0		
22-Aug-12	2315 Ida Lane			0	0	19	7.40	0.05	113.7	0.11	238.0		
22-Aug-12	3730 Fairwinds	0	0	0	0	19	6.98	0.45	147.3	0.15	308.0		
22-Aug-12	2832 Powder Pt	0	0	0	0	13	7.13	1.10	47.5	0.05	100.9		
29-Aug-12	1819 NWB Rd	0	0	0	0	13	7.18	1.13	181.4	0.18	377.0		
29-Aug-12	1961 Harlequin	0	0	0	0	18	7.24	0.03	126.8	0.13	265.0		
29-Aug-12	2450 Nanoose			0	0	14	7.33	0.21	87.1	0.09	183.3		
29-Aug-12	3465 Cambridge	0	0	0	0	15	7.27	0.26	151.6	0.15	316.0		
29-Aug-12	2329 Chain Way			0	0	14	6.92	0.03	143.0	0.14	299.0		
	<b>Average</b>	0	0	0	0	16.4	7.2	0.34	110.6	0.1	231.7	0.30	0.106
	<b>Maximum</b>	0	0	0	0	19	7.42	1.13	161.7	0.16	337	0.65	0.227
	<b>Minimum</b>	0	0	0	0	13	6.91	0.03	51.9	0.05	109.9	0.06	0.014

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

## Nanoose Peninsula Water Analysis - 2012 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-Sep-12	1566 Arbutus	0	0	0	0	17	7.00	0.63	90.4	0.09	190.2	0.02	0.033
5-Sep-12	1270 Seadog	0	0	0	0	17	7.21	0.03	125.4	0.12	263.0	0.22	0.090
5-Sep-12	2315 Ida Lane	0	0	0	0	18	6.92	0.05	133.4	0.13	278.0	0.07	0.102
5-Sep-12	3429 Redden	0	0	0	0	18	7.33	0.08	154.0	0.15	321.0	0.06	0.033
5-Sep-12	2832 Powder Pt	0	0	0	0	13	7.14	0.03	151.2	0.15	315.0	0.54	0.178
5-Sep-12	2940 Fairwinds	0	0	0	0	17		0.22					
11-Sep-12	1358 Madrona	0	0	0	0	16	7.06	0.61	108.8	0.11	230.0		
11-Sep-12	1639 Marina	0	0	0	0	13	7.05	0.01	127.3	0.13	265.0		
11-Sep-12	2254 Armstrong			0	0	16	7.16	0.02	108.0	0.11	227.0		
11-Sep-12	3500 Fairwinds	0	0	0	0	13	7.15	0.20	152.7	0.15	318.0		
11-Sep-12	3541 Shelby	0	0	0	0	14	7.18	0.44	155.3	0.15	324.0		
11-Sep-12	2329 Chain	0	0	0	0	12	7.20	0.05	150.9	0.15	315.0		
18-Sep-12	1819 NWB Rd	0	0	0	0	12	7.17	0.29	174.3	0.17	363.0		
18-Sep-12	1900 Sea Otter	0	0	0	0	16	7.13	0.02	126.4	0.13	264.0		
18-Sep-12	2450 Nanoose			0	0	14	7.38	0.02	104.1	0.10	218.5		
18-Sep-12	3730 Fairwinds	0	0	0	0	17	7.21	0.12	153.0	0.15	319.0		
18-Sep-12	2940 Fairwinds			0	0	11	7.30	0.04	154.2	0.15	322.0		
26-Sep-12	1565 Stonelake			0	0	15	7.19	0.45	118.9	0.12	249.0		
26-Sep-12	1961 Harlequin			0	0	15	7.08	0.02	129.4	0.13	271.0		
26-Sep-12	2254 Armstrong			0	0	15	7.16	0.02	102.4	0.10	215.1		
26-Sep-12	3465 Cambridge			0	0	13	7.19	1.58	117.1	0.12	246.0		
26-Sep-12	2832 Powder Pt			0	0	12	7.29	0.03	134.0	0.13	280.0		
	<b>Average</b>	0	0	0	0	14.7	7.1	0.23	130.9	0.1	273.4	0.18	0.0872
	<b>Maximum</b>	0	0	0	0	18	7.33	1.58	154	0.15	321	0.54	0.178
	<b>Minimum</b>	0	0	0	0	11	6.92	0.01	90.4	0.09	190.2	0.02	0.033

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

## Nanoose Peninsula Water Analysis - 2012 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)
13-Nov-12	1566 Arbutus	0	0	0	0	12	7.43	1.18	171.1	0.17	355.0	0.03	0.076
13-Nov-12	1900 Sea Otter	0	0	0	0	11	7.81	0.07	198.1	0.20	411.0	0.58	0.108
13-Nov-12	1270 Sea Dog	0	0	0	0	9	8.19	0.05	214.0	0.21	444.0	0.09	0.049
13-Nov-12	2315 Ida Lane	0	0	0	0	13	8.52	0.04	223.0	0.22	461.0	0.06	0.043
13-Nov-12	3500 Fairwinds	0	0	0	0	11	8.62	1.48	227.0	0.23	469.0	0.10	0.058
13-Nov-12	3429 Redden	0	0	0	0	12	8.92	0.91	227.0	0.23	469.0	0.04	0.029
13-Nov-12	2329 Chain Way	0	0	0	0	10	8.86	0.41	187.5	0.19	390.0	0.07	0.049
20-Nov-12	1358 Madrona	0	0	0	0		7.18	0.94	172.8	0.17	360.0		
20-Nov-12	1961 Harlequin	0	0	0	0		7.51	0.02	203.0	0.20	423.0		
20-Nov-12	2254 Armstrong			0	0		7.84	0.04	223.0	0.22	462.0		
20-Nov-12	3465 Cambridge	0	0	0	0		8.21	1.06	235.0	0.23	485.0		
20-Nov-12	2940 Fairwinds	0	0	0	0		8.45	0.15	225.0	0.22	468.0		
28-Nov-12	1819 NW Bay	A	A	0	0	9	7.07	3.30	186.3	0.19	387.0		
28-Nov-12	1639 Marina	A	A	0	0	9	7.21	1.10	178.0	0.18	372.0		
28-Nov-12	NB Elementary			0	0	10	7.40	1.03	218.0	0.22	451.0		
28-Nov-12	3730 Fairwinds	A	A	0	0	9	8.04	0.80	232.0	0.23	481.0		
28-Nov-12	3541 Shelby	A	A	0	0	9	8.94	1.56	230.0	0.23	475.0		
28-Nov-12	2832 Powder Pt	A	A	0	0	10	9.06	1.83	231.0	0.23	479.0		
	<b>Average</b>	0	0	0	0	11.1	8.1	0.89	210.1	0.2	435.7	0.14	0.059
	<b>Maximum</b>	0	0	0	0	13	9.06	3.3	235	0.23	485	0.58	0.108
	<b>Minimum</b>	0	0	0	0	9	7.07	0.02	171.1	0.17	355	0.03	0.029

Red font indicates non-compliance with Canadian Drinking Water Guidelines

A-Transport time was too long to laboratory.

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

## Nanoose Peninsula Water Analysis - 2012 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-12	1566 Arbutus	0	0	0	0	10	7.08	0.89	171.3	0.17	357.0	0.02	0.058
4-Dec-12	1900 Sea Otter	0	0	0	0	9	7.41	0.04	194.4	0.19	404.0		
4-Dec-12	1270 Sea Dog	0	0	0	0	9	7.59	0.81	203.6	0.20	422.0	0.17	0.070
4-Dec-12	2315 Ida Lane	0	0	0	0	12	7.83	0.02	219.0	0.22	454.0	0.08	0.043
4-Dec-12	3500 Fairwinds	0	0	0	0	9	8.28	1.96	231.0	0.23	479.0	0.06	0.012
4-Dec-12	3429 Redden	0	0	0	0	9	8.63	1.79	231.0	0.23	478.0		
4-Dec-12	2329 Chain	0	0	0	0	8	8.62	0.02	211.1	0.21	438.0	0.06	0.043
11-Dec-12	1358 Madrona	0	0	0	0	9	7.89	0.60	180.7	0.18	376.0		
11-Dec-12	1961 Harlequin	0	0	0	0	8	7.96	0.02	196.1	0.20	407.0		
11-Dec-12	2254 Armstrong			0	0	9	8.24	0.02	220.0	0.22	455.0		
11-Dec-12	3465 Cambridge	0	0	0	0	9	8.42	1.45	229.0	0.23	473.0		
11-Dec-12	3730 Fairwinds	0	0	0	0	8	7.96	0.91	227.0	0.23	469.0		
11-Dec-12	2940 Fairwinds	0	0	0	0	7	8.54	0.32	223.0	0.22	461.0		
17-Dec-12	1819 NW Bay	0	0	0	0	8	7.23	3.60	194.8	0.19	405.0		
17-Dec-12	1639 Marina	0	0	0	0	7	7.40	1.01	179.1	0.18	373.0		
17-Dec-12	NB Elementary			0	0	9	7.53	0.90	214.5	0.21	445.0		
17-Dec-12	3541 Shelby	0	0	0	0	7	7.90	1.45	230.0	0.23	475.0		
17-Dec-12	2832 Powder Pt	0	0	0	0	9	8.13	0.48	223.0	0.22	462.0		
	<b>Average</b>	0	0	0	0	8.7	7.9	0.91	209.9	0.2	435.2	0.08	0.046
	<b>Maximum</b>	0	0	0	0	12	8.63	3.6	231	0.23	479	0.17	0.07
	<b>Minimum</b>	0	0	0	0	7	7.08	0.02	171.3	0.17	357	0.02	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.