



Regional District of Nanaimo - Water Services Department

Nanoose Peninsula 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-Jan-11	1566 Arbutus	0	0	0	0		7.8	0.56	165	0.2	349	0.01	0.085
05-Jan-11	1639 Marina Way	0	0	0	0		7.7	0.00	162	0.2	340	0.31	0.072
05-Jan-11	2315 Ida Lane	0	0	0	0		7.7	0.23	175	0.2	367	0.10	0.091
05-Jan-11	3500 Fairwinds	0	0	0	0		7.2	0.54	182	0.2	389	0.85	0.280
05-Jan-11	2329 Chain Way	0	0	0	0		7.7	0.06	180	0.2	378	0.22	0.166
11-Jan-11	1358 Madrona Dr	0	0	0	0		7.6	0.51	167	0.2	355		
11-Jan-11	1961 Harlequin	0	0	0	0		7.6	0.16	170	0.2	360		
11-Jan-11	2450 Nanoose Rd			0	0		7.6	0.59	174	0.2	370		
11-Jan-11	3429 Redden Rd	0	0	0	0		7.5	0.22	181	0.2	384		
11-Jan-11	2832 Powder Pt	0	0	0	0		7.5	0.71	176	0.2	372		
18-Jan-11	1819 NW Bay Rd	0	0	0	0		7.4	0.49	171	0.2	361		
18-Jan-11	1270 Sea Dog	0	0	0	0		7.3	0.17	170	0.2	357		
18-Jan-11	2254 Armstrong			0	0		7.3	0.13	174	0.2	366		
18-Jan-11	3465 Cambridge	0	0	0	0		7.3	0.28	179	0.2	378		
18-Jan-11	2940 Fairwinds	0	0	0	0		7.3	0.16	177	0.2	370		
26-Jan-11	1565 Stonelake			0	0	8	7.0	0.39	168	0.2	353		
26-Jan-11	1900 Sea Otter	0	0	0	0	7	7.1	0.14	171	0.2	361		
26-Jan-11	2450 Nanoose Rd			0	0	8	7.2	0.29	169	0.2	357		
26-Jan-11	3730 Fairwinds	0	0	0	0	7	7.1	0.06	180	0.2	380		
26-Jan-11	3541 Shelby	0	0	0	0	7	7.1	0.26	181	0.2	380		
26-Jan-11	2329 Chain Way			0	0	7	7.1	0.15	179	0.2	375		
	Average	0	0	0	0	7.3	7.4	0.29	173.9	0.2	366.8	0.30	0.1388
	Maximum	0	0	0	0	8	7.8	0.71	182	0.2	389	0.85	0.28
	Minimum	0	0	0	0	7	7.0	0.00	162	0.2	340	0.01	0.072

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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01-Feb-11	1566 Arbutus	0	0	0	0	7	7.9	0.77	161	0.2	341	0.01	0.068
01-Feb-11	1639 Marina	0	0	0	0	8	7.3	1.94	170	0.2	358	0.51	0.173
01-Feb-11	2315 Ida Lane	0	0	0	0	8	7.7	0.40	173	0.2	365	0.12	0.095
01-Feb-11	3500 Fairwinds	0	0	0	0	7	7.6	1.02	178	0.2	374	1.35	0.459
01-Feb-11	2832 Powder Pt	0	0	0	0	7	7.6	2.02	173	0.2	364	0.50	0.151
09-Feb-11	1358 Madrona	0	0	0	0	8	7.3	0.50	167	0.2	352		
09-Feb-11	1900 Sea Otter	0	0	0	0	7	7.4	0.16	171	0.2	360		
09-Feb-11	2254 Armstrong			0	0	7	7.4	0.22	163	0.2	345		
09-Feb-11	3429 Redden Rd	0	0	0	0	7	7.4	1.89	175	0.2	372		
09-Feb-11	2940 Fairwinds	0	0	0	0	4	7.4	2.11	160	0.2	340		
15-Feb-11	2450 Nanoose Rd			0	0	9	6.9	0.77	158	0.2	332		
15-Feb-11	3465 Cambridge	0	0	0	0	7	7.1		176	0.2	370		
15-Feb-11	2329 Chain Way	0	0	0	0	7	7.1	0.04	170	0.2	357		
16-Feb-11	1819 NW Bay	0	0	0	0	8	7.7	0.61	176	0.2	373		
16-Feb-11	1270 Sea Dog	0	0	0	0	7	6.9	0.40	172	0.2	363		
22-Feb-11	1565 Stonelake Dr			0	0	8	7.2	0.48	170	0.2	358		
22-Feb-11	1961 Harlequin	0	0	0	0	6	7.2	0.03	170	0.2	359		
22-Feb-11	2254 Armstrong			0	0	7	7.2	0.03	161	0.2	341		
22-Feb-11	3730 Fairwinds	0	0	0	0	7	7.1	0.36	169	0.2	360		
22-Feb-11	3541 Shelby	0	0	0	0	7	7.1	0.44	170	0.2	358		
22-Feb-11	2832 Powder Pt			0	0	8	7.1	0.10	160	0.2	338		
	Average	0	0	0	0	7.2	7.3	0.71	168.7	0.2	356.2	0.50	0.189
	Maximum	0	0	0	0	9	7.9	2.11	178	0.2	374	1.35	0.459
	Minimum	0	0	0	0	4	6.9	0.03	158	0.2	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

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Yellow Column Coliform tests are completed by Health Department

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Comments:

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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)
01-Mar-11	1566 Arbutus	0	0	0	0	7	6.9	0.67	168	0.2	355	0.02	0.049
01-Mar-11	1639 Marina	0	0	0	0	7	7.1	1.15	172	0.2	361	0.44	0.181
01-Mar-11	2315 Ida Lane	0	0	0	0	7	7.1	0.14	157	0.2	335	0.47	0.180
01-Mar-11	3500 Fairwindds	0	0	0	0	7	6.9	0.39	169	0.2	354	0.65	0.201
01-Mar-11	2940 Fairwinds	0	0	0	0	8	7.1	0.17	157	0.2	335	0.55	0.205
08-Mar-11	1358 Madrona	0	0	0	0	7	7.5	0.51	169	0.2	356		
08-Mar-11	1900 Sea Otter	0	0	0	0	6	7.3	0.07	170	0.2	357		
08-Mar-11	2450 Nanoose	0	0	0	0	8	7.3	0.10	162	0.2	344		
08-Mar-11	3429 Redden	0	0	0	0	6	7.3	0.04	168	0.2	352		
08-Mar-11	2329 Chain Way	0	0	0	0	6	7.3	0.05	163	0.2	345		
16-Mar-11	1819 NW Bay Rd	0	0	0	0	8	7.5	0.23	176	0.2	369		
16-Mar-11	1270 Sea Dog	0	0	0	0	8	7.4	0.88	168	0.2	372		
16-Mar-11	2254 Armstrong			0	0	7	7.8	0.83	160	0.2	319		
16-Mar-11	3465 Cambridge	0	0	0	0	8	7.7	1.37	168	0.2	335		
16-Mar-11	2832 Powder Pt	0	0	0	0	9	7.1	2.20	158	0.2	333		
23-Mar-11	1565 Stonelake			0	0	9	7.5	0.48	171	0.2	360		
23-Mar-11	1961 Harlequin	0	0	0	0	8	7.5	0.48	169	0.2	354		
23-Mar-11	2315 Ida Lane			0	0	9	7.6	0.06	162	0.2	341		
23-Mar-11	2940 Fairwinds			0	0	9	7.4	1.87	159	0.2	335		
29-Mar-11	1358 Madrona			0	0	9	7.5	0.06	167	0.2	353		
29-Mar-11	1639 Marina			0	0	10	7.4	0.05	171	0.2	361		
29-Mar-11	2450 Nanoose			0	0	9	7.3	0.16	162	0.2	342		
29-Mar-11	3730 Fairwinds	0	0	0	0	9	7.1	0.39	169	0.2	357		
29-Mar-11	3541 Shelby	0	0	0	0	9	7	0.15	168	0.2	357		
29-Mar-11	2329 Chain Way			0	0	8	7.2	0.11	161	0.2	343		
	Average	0	0	0	0	7.9	7.3	0.50	165.8	0.2	349.0	0.43	0.1632
	Maximum	0	0	0	0	10	7.8	2.20	176	0.2	372	0.65	0.205
	Minimum	0	0	0	0	6	6.9	0.04	157	0.2	319	0.02	0.049

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Comments:

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06-Apr-11	1566 Arbutus	0	0	0	0	10	8.14	0.91	159.6	0.16	333	0.03	0.269
06-Apr-11	1900 Sea Otter	0	0	0	0	9	8.01	0.09	165.7	0.17	345	0.87	0.215
06-Apr-11	2315 Ida Lane	0	0	0	0	9	8.01	0.08	158.7	0.16	331	0.11	0.126
06-Apr-11	3500 Fairwinds	0	0	0	0	9	7.87	0.12	163.5	0.16	341	0.50	0.165
06-Apr-11	2832 Powder Pt	0	0	0	0	9	7.87	0.11	156.7	0.16	327	0.51	0.199
13-Apr-11	1819 NW Bay Rd	0	0	0	0	9	7.92	1.88	192.8	0.19	401		
13-Apr-11	1270 Sea Dog	0	0	0	0	9	7.98	0.05	166.3	0.17	347		
13-Apr-11	2450 Nanoose			0	0	10	7.90	0.12	155.1	0.15	324		
13-Apr-11	3429 Redden	0	0	0	0	10	7.87	0.43	166.8	0.17	347		
13-Apr-11	2329 Chain	0	0	0	0	8	7.85	0.07	160.4	0.16	334		
19-Apr-11	1358 Madrona	0	0	0	0	10	8.04	0.43	167.9	0.17	350		
19-Apr-11	1961 Harlequin	0	0	0	0	10	7.94	0.04	165.6	0.16	345		
19-Apr-11	2254 Armstrong	0	0	0	0	8	7.89	0.06	158.9	0.16	331		
19-Apr-11	3465 Cambridge	0	0	0	0	10	7.81	0.28	164.8	0.16	343		
19-Apr-11	2940 Fairwinds	0	0	0	0	6	7.84	0.13	161.3	0.16	336		
27-Apr-11	1565 Stonelake			0	0	10	7.60	0.20	172.0	0.2	326		
27-Apr-11	1639 Marina	0	0	0	0	9	7.20	1.95	170.0	0.2	357		
27-Apr-11	2450 Nanoose			0	0	10	7.70	2.18	159.0	0.2	334		
27-Apr-11	3730 Fairwinds	0	0	0	0	10	7.60	0.48	169.0	0.2	356		
27-Apr-11	3541 Shelby	0	0	0	0	10	7.60	0.16	168.0	0.2	352		
27-Apr-11	2832 Powder Pt			0	0	10	7.80	0.73	159.0	0.2	335		
	Average	0	0	0	0	9.3	7.8	0.50	164.8	0.2	342.6	0.40	0.1948
	Maximum	0	0	0	0	10	8.14	2.18	192.8	0.2	401	0.87	0.269
	Minimum	0	0	0	0	6	7.2	0.04	155.1	0.15	324	0.03	0.126

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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)
04-May-11	1566 Arbutus	0	0	0	0	11	7.97	0.61	157.3	0.16	329	0.01	0.092
04-May-11	1900 Sea Otter	0	0	0	0	10	7.93	0.40	166.1	0.16	345		
04-May-11	2315 Ida Lane	0	0	0	0	11	7.97	0.38	158.8	0.16	331	0.06	0.126
04-May-11	3500 Fairwinds	0	0	0	0	10	7.84	0.26	163.1	0.16	340	0.46	0.165
04-May-11	2329 Chain Way	0	0	0	0	10	7.83	0.53	156.4	0.16	326	0.59	0.233
11-May-11	1819 NW Bay	0	0	0	0	9	7.90	1.84	197.0	0.20	335		
11-May-11	1270 Seadog	0	0	0	0	11	8.00	1.01	169.0	0.20	287		
11-May-11	2315 Ida Lane	0	0	0	0	10	7.00	0.48	176.0	0.20	304		
11-May-11	3429 Redden Rd	0	0	0	0	12	7.80	0.10	170.0	0.20	287		
11-May-11	2329 Chain Way	0	0	0	0	10	7.90	1.14	164.0	0.20	273		
17-May-11	1358 Madrona	0	0	0	0	12	8.20	0.39	166.0	0.20	282		
17-May-11	1961 Harlequin	0	0	0	0	11	8.00	0.50	170.0	0.20	290		
17-May-11	2254 Armstrong			0	0	12	8.10	0.86	166.0	0.20	274		
17-May-11	3465 Cambridge	0	0	0	0	11	7.80	0.97	171.0	0.20	288		
17-May-11	2940 Fairwinds	0	0	0	0	11	7.80	0.61	168.0	0.20	282		
24-May-11	1565 Stonelake			0	0	9	8.10	0.01	164.0	0.20	286		
24-May-11	1639 Marina Way	0	0	0	0	11	7.80	2.20	170.0	0.20	302		
24-May-11	2450 Nanoose			0	0	10	7.60	0.87	159.0	0.20	273		
24-May-11	3541 Shelby	0	0	0	0	11	7.60	0.25	168.0	0.20	298		
24-May-11	2832 Powder Pnt	0	0	0	0	11	7.60	0.87	178.0	0.20	329		
31-May-11	1819 NW Bay			0	0	12	8.05	2.00	190.9	0.19	397		
31-May-11	1900 Sea Otter			0	0	13	8.15	0.32	165.9	0.16	346		
31-May-11	2254 Armstrong			0	0	11	8.21	0.07	161.4	0.16	336		
31-May-11	3730 Fairwinds	0	0	0	0	15	8.11	0.34	168.2	0.17	350		
31-May-11	2329 Chain Way			0	0	12	8.13	0.11	161.2	0.16	336		
	Average	0	0	0	0	11.0	7.90	0.68	168.2	0.2	313.0	0.28	0.154
	Maximum	0	0	0	0	15	8.21	2.20	197.0	0.2	397	0.59	0.233
	Minimum	0	0	0	0	9	7.00	0.01	156.4	0.16	273	0.01	0.092

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07-Jun-11	1566 Madrona Dr	0	0	0	0	12	8.20	0.41	62.0	0.10	130	0.04	0.025
07-Jun-11	1270 Sea Dog Rd	0	0	0	0	14	7.80	0.13	164.0	0.20	297	0.08	0.013
07-Jun-11	2315 Ida Lane	0	0	0	0	14	8.10	1.22	163.0	0.20	290	0.07	0.021
07-Jun-11	3500 Fairwinds Dr	0	0	0	0	13	8.00	0.72	163.0	0.20	292	1.10	0.057
07-Jun-11	2940 Fairwinds Dr	0	0	0	0	12	8.10	0.48	144.0	0.10	251	0.43	0.019
15-Jun-11	1358 Madrona	0	0	0	0	14	8.23	0.45	137.7	0.14	288		
15-Jun-11	1961 Harlequin	0	0	0	0	15	8.09	0.03	135.7	0.13	284		
15-Jun-11	2450 Nanoose			0	0	14	8.04	0.08	148.6	0.15	310		
15-Jun-11	3429 Redden	0	0	0	0	16	8.02	0.10	132.7	0.13	277		
15-Jun-11	2832 Powder Pt	0	0	0	0	12	8.00	0.10	118.1	0.12	248		
22-Jun-11	1819 NW Bay	0	0	0	0	13	7.85	2.90	183.7	0.18	382		
22-Jun-11	1639 Marina	0	0	0	0	12	7.90	0.38	136.7	0.14	286		
22-Jun-11	2254 Armstrong			0	0	15	7.98	0.38	97.0	0.10	204.1		
22-Jun-11	3465 Cambridge	0	0	0	0	15	7.91	0.28	132.1	0.13	276		
22-Jun-11	2329 Chain Way	0	0	0	0	15	7.89	0.21	136.3	0.13	285		
27-Jun-11	1565 Stonelake			0	0	15	6.60	0.30	75.0	0.10	140		
27-Jun-11	1900 Sea Otter	0	0	0	0	15	7.50	0.34	127.0	0.10	238		
27-Jun-11	2450 Nanoose			0	0	15	7.70	0.53	69.0	0.10	125.8		
27-Jun-11	3730 Fairwinds	0	0	0	0	16	7.50	1.01	137.0	0.10	261		
27-Jun-11	3541 Shelby	0	0	0	0	16	7.90	1.42	129.0	0.10	246		
27-Jun-11	2940 Fairwinds Dr			0	0	15	8.00	1.93	119.0	0.10	212		
	Average	0	0	0	0	14.2	7.87	0.64	129.1	0.13	253.5	0.34	0.027
	Maximum	0	0	0	0	16	8.23	2.90	183.7	0.20	382	1.1	0.057
	Minimum	0	0	0	0	12	6.60	0.03	62.0	0.10	125.8	0.04	0.013

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06-Jul-11	1566 Arbutus	0	0	0	0	13	7.71	0.16	74.6	0.07	157.4		
06-Jul-11	1270 Sea Dog	0	0	0	0	14	7.56	0.07	137.6	0.14	288		
06-Jul-11	2315 Ida Lane	0	0	0	0	15	7.58	0.02	85.1	0.08	179.3		
06-Jul-11	3500 Fairwinds	0	0	0	0	13	7.48	0.11	133.1	0.13	279		
06-Jul-11	2832 Powder Pt	0	0	0	0	12	7.60	0.17	150.1	0.15	313		
12-Jul-11	1358 Madrona Dr	0	0	0	0	15	7.70	0.33	100.0	0.10	206	0.02	0.040
12-Jul-11	1961 Harlequin	0	0	0	0	16	7.40	0.03	127.0	0.10	256	0.05	0.111
12-Jul-11	2450 Nanoose Rd			0	0	14	7.30	0.07	132.0	0.10	265	0.44	0.174
12-Jul-11	3429 Redden Rd	0	0	0	0	18	7.60	0.15	136.0	0.10	280	0.70	0.281
12-Jul-11	2329 Chain Way	0	0	0	0	12	7.10	0.06	136.0	0.10	257	0.41	0.157
19-Jul-11	1819 NW Bay	0	0	0	0	11	7.99	0.03	160.5	0.16	335		
19-Jul-11	1639 Marina Way	0	0	0	0	13	7.63	0.03	132.7	0.13	277		
19-Jul-11	2315 Ida Lane			0	0	15	7.71	0.04	95.6	0.09	201		
19-Jul-11	3465 Cambridge	0	0	0	0	13	7.62	0.32	136.9	0.14	286		
19-Jul-11	2940 Fairwinds	0	0	0	0	15	7.63	0.04	113.6	0.11	238		
26-Jul-11	1565 Stonelake			0	0		7.40	0.72	149.3	0.15	312		
26-Jul-11	1900 Sea Otter	0	0	0	0		7.70	0.03	130.0	0.13	236		
26-Jul-11	2254 Armstrong			0	0		7.40	0.04	88.0	0.09	158.4		
26-Jul-11	3730 Fairwinds	0	0	0	0		7.68	0.31	121.9	0.13	234		
26-Jul-11	3541 Shelby	0	0	0	0		7.59	0.08	136.4	0.14	248		
26-Jul-11	2832 Powder Pt			0	0		7.60	0.09	135.8	0.14	246		
	Average	0	0	0	0	13.9	7.6	0.14	124.4	0.12	250.1	0.32	0.153
	Maximum	0	0	0	0	18	7.99	0.72	160.5	0.16	335	0.70	0.281
	Minimum	0	0	0	0	11	7.1	0.02	74.6	0.07	157.4	0.02	0.040

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 - 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	1566 Arbutus	0	0	0	0		7.52	0.38	74.5	0.07	150.6	0.03	0.018
03-Aug-11	1270 Seadog	0	0	0	0		7.51	0.08	102.1	0.10	206.0	1.28	0.174
03-Aug-11	2315 Ida Lane	0	0	0	0		7.54	0.02	86.6	0.09	174.0	0.15	0.130
03-Aug-11	3500 Fairwinds	0	0	0	0		7.45	0.11	137.0	0.14	276.0	0.40	0.129
03-Aug-11	2329 Chain Way	0	0	0	0		7.63	0.07	132.9	0.13	263.0	0.25	0.150
10-Aug-11	1358 Madrona	0	0	0	0	15	7.53	0.38	82.8	0.08	158.3		
10-Aug-11	1900 Sea Otter	0	0	0	0	18	7.31	0.03	121.3	0.12	230.0		
10-Aug-11	2450 Nanoose			0	0	15	7.48	0.46	106.1	0.10	203.3		
10-Aug-11	3429 Redden	0	0	0	0	18	7.05	0.12	136.8	0.14	260.0		
10-Aug-11	2940 Fairwinds	0	0	0	0	13	7.25	1.18	144.0	0.14	278.0		
16-Aug-11	1819 NWB Rd	0	0	0	0	14	7.44	2.20	184.7	0.18	335.0		
16-Aug-11	1639 Marina	0	0	0	0	14	7.71	1.44	127.3	0.13	237.0		
16-Aug-11	2254 Armstrong			0	0	16	7.64	0.10	94.1	0.09	175.7		
16-Aug-11	3465 Cambridge	0	0	0	0	15	7.35	0.42	137.9	0.14	255.0		
16-Aug-11	2832 Powder Pt	0	0	0	0	13	7.57	2.20	156.3	0.16	287.0		
23-Aug-11	1566 Arbutus			0	0	17	7.49	0.72	92.7	0.09	177.3		
23-Aug-11	1900 Sea Otter			0	0	18	7.41	0.15	130.8	0.13	248.0		
23-Aug-11	2254 Armstrong			0	0	17	7.61	0.11	93.7	0.09	180.4		
23-Aug-11	3730 Fairwinds	0	0	0	0	19	7.68	0.30	136.1	0.13	260.0		
23-Aug-11	3541 Shelby	0	0	0	0	18		0.50					
23-Aug-11	2329 Chain Way			0	0	15	7.32	0.95	128.9	0.13	244.0		
31-Aug-11	1358 Madrona			0	0	17	7.47	0.60	116.0	0.11	243.0		
31-Aug-11	1961 Harlequin	0	0	0	0	17	7.43	0.04	123.6	0.12	259.0		
31-Aug-11	2450 Nanoose			0	0	16	7.52	0.03	82.3	0.08	174.1		
31-Aug-11	3465 Cambridge			0	0	15	7.40	0.12	134.5	0.13	281.0		
31-Aug-11	2940 Fairwinds			0	0	16	7.46	0.07	126.6	0.13	266.0		
	Average	0	0	0	0	16.0	7.47	0.49	119.6	0.12	232.9	0.42	0.1202
	Maximum	0	0	0	0	19	7.71	2.20	184.7	0.18	335.0	1.28	0.174
	Minimum	0	0	0	0	13	7.05	0.02	74.5	0.07	150.6	0.03	0.018

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 - 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-Sep-11	1566 Arbutus	0	0	0	0	16	7.45	0.39	78.7	0.08	165.9	0.03	0.033
07-Sep-11	1270 Sea Dog	0	0	0	0	17	7.31	0.08	122.4	0.12	256.0	0.27	0.120
07-Sep-11	2315 Ida Lane	0	0	0	0	19	7.39	0.03	98.3	0.10	206.5	0.17	0.070
07-Sep-11	3500 Fairwinds	0	0	0	0	18	7.48	1.30	132.2	0.13	277.0	0.16	0.056
07-Sep-11	2832 Powder Pt	0	0	0	0	13	7.53	2.60	143.5	0.14	300.0	0.47	0.195
13-Sep-11	1819 NW Bay	0	0	0	0	12	7.40	1.68	181.9	0.18	378.0		
13-Sep-11	1900 Sea Otter	0	0	0	0	18	7.49	0.04	126.2	0.12	264.0		
13-Sep-11	2254 Armstrong	0	0	0	0	17	7.44	0.04	89.3	0.09	187.9		
13-Sep-11	3429 Redden	0	0	0	0	17	7.39	0.36	131.8	0.13	276.0		
13-Sep-11	2329 Chain	0	0	0	0	13	7.44	0.98	144.7	0.14	302.0		
19-Sep-11	1900 Sea Otter	0	0	0	0	18		0.05					
20-Sep-11	1358 Madrona	0	0	0	0	17	7.15	0.56	119.4	0.12	250.0		
20-Sep-11	1639 Marina	0	0	0	0	13	7.48	0.00	155.3	0.15	324.0		
20-Sep-11	2450 Nanoose	0	0	0	0	16	7.63	0.04	93.9	0.09	197.4		
20-Sep-11	3465 Cambridge	0	0	0	0	15	7.54	0.76	132.6	0.13	277.0		
20-Sep-11	2940 Fairwinds	0	0	0	0	14	7.54	0.06	131.0	0.13	274.0		
28-Sep-11	1565 Stonelake	0	0	0	0	14	7.18	0.67	154.9	0.15	325.0		
28-Sep-11	1961 Harlequin	0	0	0	0	17	7.20	0.01	116.9	0.12	245.0		
28-Sep-11	2254 Armstrong	0	0	0	0	15	7.28	0.03	95.1	0.09	200.1		
28-Sep-11	3730 Fairwinds	0	0	0	0	16	7.27	0.34	130.1	0.13	272.0		
28-Sep-11	3541 Shelby	0	0	0	0	17	7.24	0.02	129.3	0.13	270.0		
28-Sep-11	2832 Powder Pt	0	0	0	0	13	7.32	0.06	123.6	0.12	257.0		
	Average	0	0	0	0	15.7	7.4	0.46	124.9	0.12	261.3	0.22	0.0948
	Maximum	0	0	0	0	19	7.63	2.6	181.9	0.18	378.0	0.47	0.195
	Minimum	0	0	0	0	12	7.15	0	78.7	0.08	165.9	0.03	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 - 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-Oct-11	1566 Arbutus	0	0	0	0	14	7.76	0.43	145.7	0.14	304.0	0.02	0.050
04-Oct-11	1270 Sea Dog	0	0	0	0	14	7.62	0.02	123.5	0.12	259.0	0.11	0.119
04-Oct-11	2315 Ida Lane	0	0	0	0	16	7.67	0.01	110.9	0.11	232.0	0.08	0.076
04-Oct-11	3500 Fairwinds	0	0	0	0	13	7.59	0.14	135.1	0.13	283.0	0.36	0.128
04-Oct-11	2329 Chain Way	0	0	0	0	13	7.59	0.15	128.4	0.13	269.0	0.19	0.127
12-Oct-11	1358 Madrona	0	0	0	0	15	7.72	0.49	133.3	0.13	279.0		
12-Oct-11	1900 Sea Otter	0	0	0	0	15	7.58	0.04	107.9	0.11	226.0		
12-Oct-11	2450 Nanoose			0	0	14	7.59	0.14	106.2	0.11	223.0		
12-Oct-11	3429 Redden	0	0	0	0	15	7.58	0.03	128.9	0.13	270.0		
12-Oct-11	2940 Fairwinds	0	0	0	0	12	7.59	0.04	114.5	0.11	240.0		
17-Oct-11	1819 NW Bay Rd	0	0	0	0	13	7.80	0.04	160.6	0.16	335.0		
17-Oct-11	1639 Marina	0	0	0	0	12	7.53	0.06	109.4	0.11	230.0		
17-Oct-11	2254 Armstrong			0	0	14	7.57	0.04	118.4	0.12	248.0		
17-Oct-11	3465 Cambridge	0	0	0	0	12	7.65	0.18	138.2	0.14	289.0		
17-Oct-11	2832 Powder Pt	0	0	0	0	12	7.61	0.08	133.9	0.13	280.0		
25-Oct-11	1565 Stonelake			0	0	13	7.38	1.25	171.7	0.17	357.0		
25-Oct-11	1961 Harlequin	0	0	0	0	13	7.41	0.01	129.9	0.13	271.0		
25-Oct-11	2450 Nanoose			0	0	13	7.48	0.02	99.6	0.10	209.5		
25-Oct-11	3730 Fairwinds	0	0	0	0	14	7.45	0.38	99.8	0.10	209.9		
25-Oct-11	3541 Shelby	0	0	0	0	13	7.47	0.96	94.4	0.09	198.4		
25-Oct-11	2329 Chain Way			0	0	11	7.42	0.01	115.9	0.11	243.0		
	Average	0	0	0	0	13.4	7.57	0.22	124.1	0.12	259.8	0.15	0.1
	Maximum	0	0	0	0	16	7.80	1.25	171.7	0.17	357.0	0.36	0.128
	Minimum	0	0	0	0	11	7.38	0.01	94.4	0.09	198.4	0.02	0.05

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 - 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-Nov-11	1566 Arbutus	0	0	0	0	11	7.35	0.26	155.1	0.15	323.0	0.02	0.037
01-Nov-11	1270 Sea Dog	0	0	0	0	10	7.46	0.01	94.0	0.09	197.8	0.11	0.087
01-Nov-11	2315 Ida Lane	0	0	0	0	14	7.44	0.03	107.0	0.11	225.0	0.14	0.079
01-Nov-11	3500 Fairwinds	0	0	0	0	11	7.47	0.17	129.0	0.13	270.0	0.34	0.113
01-Nov-11	2832 Powder Pt	0	0	0	0	10	7.42	0.16	146.4	0.15	305.0	0.24	0.139
08-Nov-11	1358 Madrona	0	0	0	0	12	7.18	0.50	169.6	0.17	353.0		
08-Nov-11	1900 Sea Otter	0	0	0	0	10	7.20	0.01	142.3	0.14	297.0		
08-Nov-11	2450 Nanoose			0	0	11	7.33	0.25	157.0	0.16	327.0		
08-Nov-11	3429 Redden	0	0	0	0	11	7.39	0.16	158.3	0.16	330.0		
08-Nov-11	2940 Fairwinds	0	0	0	0	9	7.40	0.11	155.7	0.16	325.0		
15-Nov-11	1819 NW Bay	0	0	0	0	11	7.15	1.92	184.2	0.18	383.0		
15-Nov-11	1639 Marina Way	0	0	0	0	10	7.41	3.10	172.8	0.17	360.0		
15-Nov-11	2254 Armstrong			0	0	11	7.49	0.03	164.5	0.16	343.0		
15-Nov-11	3465 Cambridge	0	0	0	0	11	7.52	0.93	169.2	0.17	352.0		
15-Nov-11	2329 Chain			0	0	9	7.49	0.05	147.3	0.15	308.0		
21-Nov-11	1565 Stonelake Dr			0	0	10	7.22	1.43	174.8	0.17	364.0		
21-Nov-11	1961 Harlequin	0	0	0	0	8	7.26	0.02	160.6	0.16	335.0		
21-Nov-11	2315 Ida Lane			0	0	11	7.37	0.04	163.8	0.16	341.0		
21-Nov-11	3730 Fairwinds	0	0	0	0	9	7.48	0.02	170.2	0.17	354.0		
21-Nov-11	3541 Shelby	0	0	0	0	9	7.48	0.56	168.7	0.17	351.0		
21-Nov-11	2315 Garry Oaks			0	0	9	7.53	0.75	161.1	0.16	336.0		
29-Nov-11	1358 Madrona			0	0	10	7.67	0.88	169.3	0.17	352.0		
29-Nov-11	1639 Marina Way			0	0	9	7.67	0.70	172.4	0.17	359.0		
29-Nov-11	2254 Armstrong			0	0	9	7.69	0.06	163.7	0.16	341.0		
29-Nov-11	3465 Cambridge			0	0	8	7.65	1.04	170.2	0.17	354.0		
29-Nov-11	2940 Fairwinds			0	0	7	7.63	0.98	161.4	0.16	337.0		
	Average	0	0	0	0	10.0	7.4	0.55	157.3	0.2	327.8	0.17	0.091
	Maximum	0	0	0	0	14	7.69	3.1	184.2	0.18	383	0.34	0.139
	Minimum	0	0	0	0	7	7.15	0.01	94	0.09	197.8	0.02	0.037

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 - 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-Dec-11	1566 Arbutus	0	0	0	0	9	7.71	0.85	163.7	0.16	341.0	0.01	0.047
06-Dec-11	1270 Sea Dog	0	0	0	0	8	7.69	0.05	160.6	0.16	335.0	0.28	0.130
06-Dec-11	2315 Ida Lane	0	0	0	0	10	7.71	0.05	163.1	0.16	340.0	0.04	0.108
06-Dec-11	3500 Fairwinds	0	0	0	0	8	7.68	0.47	168.4	0.17	351.0	0.59	0.226
06-Dec-11	3429 Redden	0	0	0	0	8	7.65	0.09	169.5	0.17	353.0	0.05	0.032
06-Dec-11	2329 Chain Way	0	0	0	0	7	7.67	0.03	162.9	0.16	339.0	0.16	0.146
14-Dec-11	1358 Madrona	0	0	0	0	9	7.65	0.83	166.4	0.17	347.0		
14-Dec-11	1961 Harlequin	0	0	0	0	7	7.64	0.06	163.9	0.16	341.0		
14-Dec-11	2450 Nanoose			0	0	8	7.66	1.79	161.5	0.16	337.0		
14-Dec-11	3465 Cambridge	0	0	0	0	8	7.67	0.97	171.0	0.17	356.0		
14-Dec-11	2832 Powder Pt	0	0	0	0	8	7.67	0.22	160.8	0.16	335.0		
20-Dec-11	1819 NW Bay	0	0	0	0	9	7.66	0.38	167.4	0.17	284.0		
20-Dec-11	1900 Sea Otter	0	0	0	0	8							
20-Dec-11	1639 Marina	0	0	0	0	9	7.22	2.20	172.8	0.17	301.0		
20-Dec-11	2254 Armstrong			0	0	8	7.58	0.37	163.9	0.16	284.0		
20-Dec-11	3730 Fairwinds	0	0	0	0	8	7.19	0.1	171.0	0.17	299.0		
20-Dec-11	3541 Shelby	0	0	0	0	8	7.59	0.75	168.0	0.17	293.0		
20-Dec-11	2940 Fairwinds	0	0	0	0	8	7.49	2.20	162.7	0.16	277.0		
	Average	0	0	0	0	8.3	7.7	0.48	164.9	0.2	338.3	0.19	0.115
	Maximum	0	0	0	0	10	7.71	1.79	171	0.17	356.0	0.59	0.226
	Minimum	0	0	0	0	7	7.64	0.03	160.6	0.16	284.0	0.01	0.032

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.