







# Regional District of Nanaimo - Water Services Department

## Nanoose Bay Peninsula Water Analysis - 2014 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)
1-Oct-14	1565 Stonelake			0	0	17	7.44	0.29	77.4	0.08	163.3		
1-Oct-14	3427 Tye			0	0	17	7.42	0.22	105.4	0.10	221.0		
1-Oct-14	2454 Armstrong			0	0	17	7.37	0.29	183.4	0.18	381.0		
1-Oct-14	3500 Fairwinds			0	0	14	7.45	0.81	213.0	0.21	441.0		
1-Oct-14	2339 Garry Oak			0	0	14	7.47	1.09	205.7	0.20	427.0		
8-Oct-14	1566 Arbutus	0	0	0	0	15	6.94	0.65	93.0	0.09	195.7	0.02	0.012
8-Oct-14	3427 Tye	0	0	0	0	16	6.73	0.13	75.3	0.07	158.7	0.04	0.001
8-Oct-14	1270 Sea Dog	0	0	0	0	16	6.77	0.33	77.8	0.08	164.0	0.05	0.000
8-Oct-14	2315 Ida Lane	0	0	0	0	17	6.83	0.05	161.4	0.16	337.0	0.05	0.019
8-Oct-14	3500 Fairwinds	0	0	0	0	14	7.21	0.75	186.4	0.18	388.0	0.05	0.026
8-Oct-14	1996 Highland	0	0	0	0	17	7.22	0.53	191.8	0.19	398.0	0.05	0.011
8-Oct-14	2329 Chain	0	0	0	0	14	7.21	0.26	198.2	0.20	411.0	0.04	0.024
15-Oct-14	1358 Madrona	0	0	0	0	15	6.61	0.53	106.6	0.11	224.0		
15-Oct-14	2359 Higginson	0	0	0	0	15	6.67	0.42	75.6	0.07	159.3		
15-Oct-14	2454 Armstrong	0	0	0	0	16	6.65	0.25	141.9	0.14	297.0		
15-Oct-14	Lot 54 Evanshire	0	0	0	0	15	6.95	0.76	195.7	0.19	406.0		
15-Oct-14	3383 Redden	0	0	0	0	16	7.07	0.63	196.2	0.20	407.0		
15-Oct-14	2940 Fairwinds	0	0	0	0	14	7.05	0.85	192.5	0.19	400.0		
21-Oct-14	1565 Stonelake	0	0	0	0	15	6.67	0.32	173.5	0.17	361.0		
21-Oct-14	1639 Marina	0	0	0	0	13	6.78	0.38	201.8	0.20	419.0		
21-Oct-14	NB Elementary			0	0	11	6.95	1.82	248.0	0.25	513.0		
21-Oct-14	3730 Fairwinds	0	0	0	0	15	7.13	0.81	238.0	0.24	494.0		
21-Oct-14	3541 Shelby	0	0	0	0	14	7.18	0.83	238.0	0.24	493.0		
21-Oct-14	2339 Garry Oak	0	0	0	0	13	7.19	1.23	245.0	0.24	506.0		
28-Oct-14	1566 Arbutus			0	0	13	7.01	0.24	169.5	0.17	354.0		
28-Oct-14	1961 Harlequin	0	0	0	0	13	7.06	0.26	207.0	0.21	429.0		
28-Oct-14	2315 Ida Lane			0	0	15	7.07	0.03	251.0	0.25	519.0		
28-Oct-14	3465 Cambridge	0	0	0	0	13	7.11	0.74	245.0	0.24	506.0		
28-Oct-14	2329 Chain			0	0	12	7.14	0.18	219.2	0.22	454.0		
	<b>Average</b>	0	0	0	0	14.7	7.0	0.54	176.3	0.2	366.4	0.04	0.013
	<b>Maximum</b>	0	0	0	0	17	7.47	1.82	251	0.25	519	0.05	0.026
	<b>Minimum</b>	0	0	0	0	11	6.61	0.03	75.3	0.07	158.7	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.



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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)
3-Sep-14	1358 Madrona	0	0	0	0	17	7.01	0.93	96.4	0.10	202.8	0.04	0.017
3-Sep-14	3427 Tyee	0	0	0	0	19	7.09	0.23	58.3	0.06	123.3	0.06	0.000
3-Sep-14	1270 Sea Dog	0	0	0	0	18	7.05	0.47	58.6	0.06	124.0	0.05	0.002
3-Sep-14	2315 Ida Lane	0	0	0	0	18	7.12	0.14	131.1	0.13	274.0	0.06	0.010
3-Sep-14	3500 Fairwinds	0	0	0	0	15	7.26	0.78	175.5	0.17	365.0	0.04	0.007
3-Sep-14	1996 Highland	0	0	0	0	20	7.36	0.53	178.2	0.18	371.0	0.05	0.006
3-Sep-14	2940 Fairwinds	0	0	0	0	13	7.32	1.24	237.0	0.24	490.0	0.07	0.024
10-Sep-14	1565 Stonelake	0	0	0	0	17	6.83	0.56	84.2	0.08	177.0		
10-Sep-14	2359 Higginson	0	0	0	0	17	6.93	0.49	61.6	0.06	130.0		
10-Sep-14	2454 Armstrong	0	0	0	0	17	6.78	0.11	128.1	0.13	268.0		
10-Sep-14	3383 Redden	0	0	0	0	18	6.94	0.78	192.5	0.19	398.0		
10-Sep-14	2339 Garry Oak	0	0	0	0	14	6.95	1.44	208.4	0.21	432.0		
16-Sep-14	1566 Arbutus	0	0	0	0	16	7.03	0.41	87.5	0.09	184.3		
16-Sep-14	1639 Marina	0	0	0	0	16	6.66	0.69	66.6	0.07	140.8		
16-Sep-14	NB Elementary			0	0	13	6.93	1.14	149.5	0.15	312.0		
16-Sep-14	3730 Fairwinds	0	0	0	0	16	7.23	0.96	184.1	0.18	383.0		
16-Sep-14	3541 Shelby	0	0	0	0	16	7.21	0.92	184.4	0.18	384.0		
16-Sep-14	2329 Chain	0	0	0	0	14	7.21	1.41	225.0	0.22	465.0		
24-Sep-14	1358 Madrona			0	0	16	7.08	0.34	80.0	0.08	168.6		
24-Sep-14	1961 Harlequin	0	0	0	0	19	7.02	0.38	68.4	0.07	144.6		
24-Sep-14	2315 Ida Lane			0	0	17	6.94	0.26	141.9	0.14	296.0		
24-Sep-14	3465 Cambridge	0	0	0	0	16	6.99	0.83	192.9	0.19	401.0		
24-Sep-14	Lot 54 Evanshire	0	0	0	0	16	7.11	0.80	192.4	0.02	400.0		
24-Sep-14	2940 Fairwinds			0	0	15	7.10	1.00	184.3	0.18	382.0		
	<b>Average</b>	0	0	0	0	16.4	7.0	0.70	140.3	0.1	292.4	0.05	0.009
	<b>Maximum</b>	0	0	0	0	20	7.36	1.44	237	0.24	490	0.07	0.024
	<b>Minimum</b>	0	0	0	0	13	6.66	0.11	58.3	0.019	123.3	0.04	0

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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)
6-Aug-14	1566 Arbutus	0	0	0	0	20	7.14	0.75	78.7	0.08	165.9	0.07	0.070
6-Aug-14	3473 Tyee	0	0	0	0	22	7.12	0.23	64.8	0.06	136.8	0.20	0.058
6-Aug-14	1270 Sea Dog	0	0	0	0	20	6.53	0.67	64.5	0.06	136.2	0.10	0.057
6-Aug-14	2454 Armstrong	0	0	0	0	18	7.05	0.19	94.4	0.09	198.5	0.16	0.085
6-Aug-14	3500 Fairwinds	0	0	0	0	17	7.01	1.02	184.0	0.17	377.0	0.22	0.087
6-Aug-14	1996 Highland	0	0	0	0	22	7.03	0.78	183.0	0.18	381.0	0.1	0.039
6-Aug-14	2329 Chain Way	0	0	0	0	16	6.89	1.65	234.0	0.23	483.0	0.22	0.078
13-Aug-14	1358 Madrona	0	0	0	0	17	6.86	0.70	86.6	0.09	181.9		
13-Aug-14	2359 Higginson	0	0	0	0	17	6.83	0.41	66.9	0.07	141.4		
13-Aug-14	2315 Ida Lane	0	0	0	0	17	6.87	0.22	118.9	0.12	249.0		
13-Aug-14	lot 54 Evanshire	0	0	0	0	17	7.03	0.51	181.0	0.18	376.0		
13-Aug-14	3383 Redden	0	0	0	0	17	7.08	0.68	181.6	0.18	378.0		
13-Aug-14	2940 Fairwinds	0	0	0	0	17	6.90	0.99	210.0	0.21	436.0		
20-Aug-14	1565 Stonelake	0	0	0	0	17	6.87	1.00	106.7	0.11	224.0		
20-Aug-14	1639 Marina	0	0	0	0	18	6.93	0.45	66.3	0.07	140.1		
20-Aug-14	NB Elementary			0	0	13	6.89	1.50	205.0	0.20	425.0		
20-Aug-14	3730 Fairwinds	0	0	0	0	15	7.01	0.91	179.7	0.18	374.0		
20-Aug-14	3541 Shelby	0	0	0	0	16	7.10	0.82	179.8	0.18	374.0		
20-Aug-14	2339 Garry Oak	0	0	0	0	14	7.39	1.41	230.0	0.23	476.0		
26-Aug-14	1566 Arbutus			0	0	17	6.92	0.83	70.1	0.07	147.9		
26-Aug-14	1961 Harlequin	0	0	0	0	19	6.86	0.44	61.6	0.06	130.2		
26-Aug-14	2454 Armstrong			0	0	17	6.79	0.18	120.0	0.12	251.0		
26-Aug-14	3465 Cambridge	0	0	0	0	16	6.97	0.92	180.5	0.18	375.0		
26-Aug-14	2329 Chain Way			0	0	15	6.96	1.35	229.0	0.23	473.0		
	<b>Average</b>	0	0	0	0	17.3	7.0	0.78	140.7	0.1	293.0	0.15	0.068
	<b>Maximum</b>	0	0	0	0	22	7.39	1.65	234	0.23	483	0.22	0.087
	<b>Minimum</b>	0	0	0	0	13	6.53	0.18	61.6	0.06	130.2	0.07	0.039

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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-Jul-14	1358 Madrona	0	0	0	0	14	6.94	0.75	69.5	0.07	146.8	0.02	0.011
2-Jul-14	3427 Tye	0	0	0	0	16	6.94	0.51	66.8	0.07	141.1	0.06	0.009
2-Jul-14	1270 Seadog	0	0	0	0	16	6.95	0.54	66.0	0.07	139.4	0.04	0.007
2-Jul-14	2454 Armstrong	0	0	0	0	14	6.86	0.41	134.7	0.13	281.0	0.14	0.079
2-Jul-14	3500 Fairwinds	0	0	0	0	13	6.91	0.87	191.2	0.19	397.0	0.05	0.026
2-Jul-14	1996 Highland	0	0	0	0	16	6.96	0.78	197.3	0.20	409.0	0.15	0.039
2-Jul-14	2940 Fairwinds	0	0	0	0	11	6.99	1.47	221.0	0.22	456.0	0.08	0.028
7-Jul-14	1565 Stonelake	0	0	0	0	14	6.78	0.47	157.0	0.16	328.0		
7-Jul-14	2359 Higginson	0	0	0	0	15	6.70	0.64	62.1	0.06	131.2		
7-Jul-14	2315 Ida Lane	0	0	0	0	16	6.61	0.67	208.5	0.21	432.0		
7-Jul-14	Lot 54 Evanshire	0	0	0	0	15	6.74	1.23	201.0	0.20	416.0		
7-Jul-14	3383 Redden	0	0	0	0	16	6.92	0.76	201.2	0.20	417.0		
7-Jul-14	2339 Garry Oak	0	0	0	0	13	7.07	1.55	215.0	0.21	445.0		
15-Jul-14	1566 Arbutus	0	0	0	0	18	6.64	0.59	75.0	0.07	158.1		
15-Jul-14	1639 Marina	0	0	0	0	18	6.62	0.61	66.0	0.06	139.4		
15-Jul-14	NB Elementary			0	0	11	6.72	1.42	222.0	0.22	457.0		
15-Jul-14	3730 Fairwinds	0	0	0	0	15	6.88	0.77	173.9	0.17	362.0		
15-Jul-14	3541 Shelby	0	0	0	0	17	6.93	0.79	173.6	0.17	361.0		
15-Jul-14	2329 Chain Way	0	0	0	0	14	6.99	1.19	223.0	0.22	461.0		
23-Jul-14	1358 Madrona			0	0	16	6.90	0.66	83.6	0.08	176.4		
23-Jul-14	1961 Harlequin	0	0	0	0	18	6.66	0.34	65.0	0.06	137.3		
23-Jul-14	2454 Armstrong			0	0	16	6.65	0.23	140.4	0.14	294.0		
23-Jul-14	3465 Cambridge	0	0	0	0	15	6.80	0.84	184.0	0.18	382.0		
23-Jul-14	2940 Fairwinds			0	0	13	6.90	1.30	222.0	0.22	459.0		
30-Jul-14	1565 Stonelake			0	0	17	6.93	0.70	83.6	0.08	176.3		
30-Jul-14	2359 Higginson			0	0	17	6.75	0.42	62.6	0.06	132.4		
30-Jul-14	2315 Ida Lane			0	0	17	6.70	0.32	137.3	0.14	287.0		
30-Jul-14	Lot 54 Evanshire			0	0	15	6.88	0.78	180.0	0.18	373.0		
30-Jul-14	2339 Garry Oak			0	0	14	7.00	1.28	222.0	0.22	459.0		
	Average	0	0	0	0	15.2	6.8	0.79	148.5	0.1	308.8	0.08	0.028
	Maximum	0	0	0	0	18	7.07	1.55	223	0.22	461	0.15	0.079
	Minimum	0	0	0	0	11	6.61	0.23	62.1	0.06	131.2	0.02	0.007

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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)

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Comments:

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3-Jun-14	1566 Arbutus	0	0	0	0	14	6.96	0.61	75.7	0.07	160.3	0.01	0.054
3-Jun-14	3427 Tyee	0	0	0	0	15	6.93	0.25	79.0	0.08	166.5	0.09	0.032
3-Jun-14	1270 Sea Dog	0	0	0	0	15	6.91	0.31	82.1	0.08	172.6	0.06	0.026
3-Jun-14	2315 Ida Lane	0	0	0	0	13	6.91	0.33	147.5	0.15	308.0	0.06	0.036
3-Jun-14	3500 Fairwinds	0	0	0	0	15	6.94	0.98	188.0	0.19	390.0	0.05	0.040
3-Jun-14	1996 Highland	0	0	0	0	16	7.03	0.74	181.6	0.18	377.0	0.05	0.030
3-Jun-14	2329 Chain Way	0	0	0	0	12	7.08	1.35	213.5	0.21	433.0	0.04	0.021
10-Jun-14	1358 Madrona	0	0	0	0	14	7.13	0.72	74.4	0.07	157.1		
10-Jun-14	2359 Higginson	0	0	0	0	14	7.20	0.55	63.4	0.06	133.9		
10-Jun-14	2454 Armstrong	0	0	0	0	14	7.15	0.24	115.4	0.11	242.0		
10-Jun-14	Lot 54 Evanshire	0	0	0	0	13	7.08	0.95	187.8	0.19	391.0		
10-Jun-14	3383 Redden	0	0	0	0	16	7.00	0.84	177.5	0.18	370.0		
10-Jun-14	2940 Fairwinds	0	0	0	0	12	7.05	1.30	181.3	0.18	377.0		
17-Jun-14	1565 Stonelake	0	0	0	0	15	7.03	0.58	68.0	0.07	143.6		
17-Jun-14	1639 Marina	0	0	0	0	14	7.26	0.60	62.3	0.06	131.6		
17-Jun-14	NB Elementary			0	0	12	7.15	1.72	219.5	0.22	454.0		
17-Jun-14	3730 Fairwinds	0	0	0	0	15	7.02	1.01	183.1	0.18	381.0		
17-Jun-14	3541 Shelby	0	0	0	0	14	7.14	0.99	183.0	0.18	381.0		
17-Jun-14	2339 Garry Oak	0	0	0	0	13	6.93	0.58	190.7	0.19	396.0		
25-Jun-14	1566 Arbutus			0	0	15	6.47	0.88	81.7	0.08	172.1		
25-Jun-14	1961 Harlequin	0	0	0	0	16	6.46	0.41	65.3	0.06	138.1		
25-Jun-14	2315 Ida Lane			0	0	15	6.53	0.67	148.3	0.15	309.0		
25-Jun-14	3465 Cambridge	0	0	0	0	14	6.65	0.87	180.9	0.18	376.0		
25-Jun-14	2329 Chain Way			0	0	16	6.72	0.56	190.8	0.19	396.0		
	<b>Average</b>	0	0	0	0	14.3	6.9	0.75	139.2	0.1	289.9	0.05	0.034142857
	<b>Maximum</b>	0	0	0	0	16	7.26	1.72	219.5	0.22	454	0.09	0.054
	<b>Minimum</b>	0	0	0	0	12	6.46	0.24	62.3	0.06	131.6	0.01	0.021

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7-May-14	1565 Stonelake	0	0	0	0	10	6.71	0.71	180.9	0.18	377.0	0.02	0.038
7-May-14	3427 Tyee	0	0	0	0	11	6.73	0.53	212.0	0.21	440.0	0.07	0.031
7-May-14	2454 Armstrong	0	0	0	0	9	6.81	0.46	211.7	0.21	439.0	0.12	0.026
7-May-14	Lot 54 Evanshire	0	0	0	0	10	7.05	0.89	215.0	0.21	442.0	0.09	0.022
7-May-14	1996 Highland	0	0	0	0	12	7.15	0.56	216.2	0.22	447.0	0.04	0.033
7-May-14	2339 Garry Oak	0	0	0	0	10	7.17	1.01	214.0	0.21	445.0	0.05	0.031
14-May-14	1566 Arbutus	0	0	0	0	11	7.12	0.26	171.4	0.17	357.0		
14-May-14	1961 Harlequin	0	0	0	0	12	7.17	0.48	210.8	0.21	437.0		
14-May-14	1270 Sea Dog	0	0	0	0	12	7.25	0.89	214.0	0.21	443.0		
14-May-14	2315 Ida Lane	0	0	0	0	11	7.40	0.61	223.0	0.22	461.0		
14-May-14	3500 Fairwinds	0	0	0	0	11	7.42	0.87	216.0	0.22	445.0		
14-May-14	3383 Redden	0	0	0	0	13	7.44	0.73	218.3	0.22	452.0		
14-May-14	2329 Chain	0	0	0	0	11	7.45	0.36	221.0	0.22	459.0		
20-May-14	1358 Madrona	0	0	0	0	14	6.76	0.59	172.0	0.17	358.0		
20-May-14	2359 Higginson	0	0	0	0	15	6.58	0.90	212.9	0.21	442.0		
20-May-14	NB Elementary			0	0	12	6.88	1.51	212.4	0.21	440.0		
20-May-14	3730 Fairwinds	0	0	0	0	16	6.89	1.07	214.0	0.21	441.0		
20-May-14	3541 Shelby	0	0	0	0	14	7.01	1.27	213.7	0.21	443.0		
20-May-14	2940 Fairwinds	0	0	0	0	12	6.97	1.48	213.0	0.21	442.0		
27-May-14	1565 Stonelake			0	0	13	7.15	0.57	126.9	0.13	266.0		
27-May-14	1639 Marina	0	0	0	0	14	7.16	0.20	119.7	0.12	251.0		
27-May-14	2454 Armstrong			0	0	13	7.16	0.29	146.3	0.15	305.0		
27-May-14	3465 Cambridge	0	0	0	0	13	7.20	0.66	148.2	0.15	309.0		
27-May-14	2339 Garry Oak			0	0	13	7.14	0.90	142.4	0.14	297.0		
	<b>Average</b>	0	0	0	0	12.2	7.1	0.74	193.6	0.2	401.6	0.07	0.030166667
	<b>Maximum</b>	0	0	0	0	16	7.445	1.51	223	0.22	461	0.12	0.038
	<b>Minimum</b>	0	0	0	0	9	6.58	0.2	119.7	0.12	251	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

## Nanoose Bay Peninsula Water Analysis - 2014 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-14	1358 Madrona	0	0	0	0	8	7.25	0.36	182.3	0.18	379.0		
2-Apr-14	3427 Tyee	0	0	0	0	7	7.31	0.49	215.0	0.21	447.0		
2-Apr-14	1270 Sea Dog	0	0	0	0	8	7.29	0.91	219.0	0.22	454.0		
2-Apr-14	2454 Armstrong	0	0	0	0	7	7.30	0.68	228.0	0.23	473.0		
2-Apr-14	3500 Fairwinds	0	0	0	0	8	6.94	1.22	234.0	0.23	484.0		
2-Apr-14	1996 Highland	0	0	0	0	8	7.26	0.91	233.0	0.23	482.0		
2-Apr-14	2329 Chain	0	0	0	0	7	7.30	0.60	234.0	0.23	484.0		
8-Apr-14	1565 Stonelake	0	0	0	0	9	6.81	0.63	184.0	0.18	382.0	0.02	0.056
8-Apr-14	2359 Higginson	0	0	0	0	8	6.89	0.06	182.2	0.18	379.0	0.01	0.089
8-Apr-14	2315 Ida Lane	0	0	0	0	9	6.93	0.47	234.0	0.23	486.0	0.12	0.036
8-Apr-14	Lot 54 Evanshire	0	0	0	0	9	7.10	1.09	236.0	0.23	489.0	0.09	0.030
8-Apr-14	3383 Redden	0	0	0	0	9	7.13	0.82	235.0	0.24	487.0	0.06	0.037
8-Apr-14	2339 Garry Oak	0	0	0	0	9	7.22	1.11	236.0	0.24	488.0	0.10	0.027
15-Apr-14	1566 Arbutus	0	0	0	0	9	7.42	0.15	179.3	0.18	373.0		
15-Apr-14	1639 Marina	0	0	0	0	9	7.50	1.01	230.0	0.23	476.0		
15-Apr-14	NB Elementary			0	0	10	7.44	1.26	231.0	0.23	478.0		
15-Apr-14	3730 Fairwinds	0	0	0	0	10	7.46	0.78	235.0	0.23	486.0		
15-Apr-14	3541 Shelby	0	0	0	0	11	7.48	0.85	233.0	0.23	482.0		
15-Apr-14	2940 Fairwinds	0	0	0	0	9	7.42	0.79	232.0	0.23	480.0		
30-Apr-14	1358 Madrona			0	0	11	6.33	0.83	174.6	0.17	363.0		
30-Apr-14	1961 Harlequin	0	0	0	0	11	6.87	0.29	214.0	0.21	444.0		
30-Apr-14	2454 Armstrong			0	0	10	6.70	0.48	214.5	0.21	445.0		
30-Apr-14	3465 Cambridge	0	0	0	0	11	7.10	0.65	221.0	0.22	457.0		
30-Apr-14	2329 Chain			0	0	11	7.24	0.30	232.0	0.23	481.0		
	<b>Average</b>	0	0	0	0	9.1	7.2	0.70	218.7	0.2	453.3	0.07	0.046
	<b>Maximum</b>	0	0	0	0	11	7.5	1.26	236	0.24	489	0.12	0.089
	<b>Minimum</b>	0	0	0	0	7	6.33	0.06	174.6	0.17	363	0.01	0.027

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 Bay Peninsula Water Analysis - 2014 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-14	1565 Stonelake	0	0	0	0	8	7.54	0.66	196.2	0.20	402.0	0.03	0.015
7-Jan-14	3427 Tyee	0	0	0	0	8	7.51	0.57	229.0	0.23	475.0	0.09	0.025
7-Jan-14	1270 Sea Dog	0	0	0	0	8	7.50	0.89	223.0	0.22	462.0	0.31	0.087
7-Jan-14	2315 Ida Lane	0	0	0	0	9	7.60	0.10	223.0	0.22	462.0	0.14	0.048
7-Jan-14	3500 Fairwinds	0	0	0	0	8	7.63	0.94	226.0	0.23	469.0	0.05	0.020
7-Jan-14	1996 Highland	0	0	0	0	8	7.59	0.60	229.0	0.23	474.0	0.04	0.030
7-Jan-14	2329 Chain	0	0	0	0	7	7.59	0.41	227.0	0.23	470.0	0.05	0.034
14-Jan-14	1358 Madrona	0	0	0	0	8	6.76	0.40	203.3	0.20	422.0		
14-Jan-14	2359 Higginson	0	0	0	0	8	6.85	1.01	224.0	0.22	464.0		
14-Jan-14	2454 Armstrong	0	0	0	0	8	6.92	0.60	225.0	0.22	465.0		
14-Jan-14	Lot 54 Evanshire	0	0	0	0	8	6.98	0.91	223.0	0.22	463.0		
14-Jan-14	3383 Redden	0	0	0	0	8	7.04	0.77	224.0	0.22	463.0		
14-Jan-14	2339 Garry Oak	0	0	0	0	9	7.08	1.43	227.0	0.23	469.0		
21-Jan-14	1566 Arbutus	0	0	0	0	8	6.78	0.65	183.9	0.18	382.0		
21-Jan-14	1639 Marina	0	0	0	0	8	6.89	1.25	226.0	0.23	468.0		
21-Jan-14	NB Elementary			0	0	8	6.96	1.88	227.00	0.23	470.0		
21-Jan-14	3730 Fairwinds	0	0	0	0	8	7.05	0.63	225.00	0.22	465.0		
21-Jan-14	3541 Shelby	0	0	0	0	8	7.12	0.79	227.00	0.23	469.0		
21-Jan-14	2940 Fairwinds	0	0	0	0	8	7.23	0.70	227.00	0.23	470.0		
29-Jan-14	1565 Stonelake			0	0	9	6.99	0.60	182.0	0.18	378.0		
29-Jan-14	1961 Harlequin	0	0	0	0	7	7.14	0.52	213.7	0.21	443.0		
29-Jan-14	2315 Ida Lane			0	0	9	7.23	0.17	222.0	0.22	461.0		
29-Jan-14	3465 Cambridge	0	0	0	0	8	7.29	1.16	226.0	0.23	468.0		
29-Jan-14	2329 Chain			0	0	7	7.34	0.37	225.0	0.23	466.0		
	<b>Average</b>	0	0	0	0	8.0	7.2	0.75	219.3	0.2	454.2	0.10	0.037
	<b>Maximum</b>	0	0	0	0	9	7.63	1.88	229	0.23	475	0.31	0.087
	<b>Minimum</b>	0	0	0	0	7	6.76	0.1	182	0.18	378	0.03	0.015

Red font indicates non-compliance with Canadian Drinking Water Guidelines

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**Comments:**

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