



Regional District of Nanaimo - Water Services Department

Nanoose Bay Peninsula Water Analysis - 2015 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-15	1566 Arbutus	0	0	0	0	10	7.39	0.92	194.1	0.19	404.0	0.01	0.047
2-Dec-15	3427 Tye	0	0	0	0	8	7.26	0.30	209.0	0.21	433.0	0.07	0.010
2-Dec-15	1270 Sea Dog	0	0	0	0	8	7.26	1.09	206.5	0.20	428.0	1.82	0.564
2-Dec-15	2315 Ida Lane	0	0	0	0	12	7.31	0.54	212.0	0.21	441.0	0.08	0.000
2-Dec-15	3500 Fairwinds	0	0	0	0	9	7.39	1.06	210.3	0.21	436.0	0.09	0.006
2-Dec-15	1996 Highland	0	0	0	0	10	7.32	0.67	204.0	0.20	422.0	0.04	0.008
2-Dec-15	2329 Chain	0	0	0	0	9	7.34	0.97	204.4	0.20	425.0	0.11	0.028
9-Dec-15	1358 Madrona	0	0	0	0	10	7.47	0.49	187.0	0.19	388.0		
9-Dec-15	1961 Harlequin	0	0	0	0	8	7.28	0.02	204.3	0.20	427.0		
9-Dec-15	2359 Higginson	0	0	0	0	9	7.70	0.10	186.4	0.19	388.0		
9-Dec-15	2454 Armstrong	0	0	0	0	10	7.38	0.97	211.7	0.21	439.0		
9-Dec-15	Lot 54 Evanshire	0	0	0	0	9	7.37	0.99	207.0	0.21	429.0		
9-Dec-15	3383 Redden	0	0	0	0	9	7.40	0.81	208.0	0.21	431.0		
9-Dec-15	2940 Fairwinds	0	0	0	0	8	7.38	0.16	205.0	0.20	425.0		
16-Dec-15	1565 Stonelake	0	0	0	0	10	7.43	0.65	189.9	0.19	394.0		
16-Dec-15	1639 Marina Way	0	0	0	0	9	7.25	1.09	207.2	0.21	430.0		
16-Dec-15	NB Elementary			0	0	10	7.30	1.90	205.0	0.20	426.0		
16-Dec-15	3465 Cambridge	0	0	0	0	9	7.38	1.17	207.0	0.21	430.0		
16-Dec-15	3730 Fairwinds	0	0	0	0	9	7.39	1.08	208.0	0.21	432.0		
16-Dec-15	3541 Shelby	0	0	0	0	9	7.42	1.08	205.3	0.20	428.0		
16-Dec-15	2339 Garry Oak	0	0	0	0	10	7.31	1.41	205.0	0.20	425.0		
	Average	0	0	0	0	9.3	7.4	0.83	203.7	0.2	422.9	0.32	0.095
	Maximum	0	0	0	0	12	7.7	1.9	212	0.21	441	1.82	0.564
	Minimum	0	0	0	0	8	7.25	0.02	186.4	0.19	388	0.01	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.



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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)
3-Nov-15	1565 Stonelake	0	0	0	0	13	7.31	1.40	176.5	0.18	367.0		
3-Nov-15	3427 Tyee	0	0	0	0	13	7.19	0.11	201.1	0.20	418.0		
3-Nov-15	1270 Sea Dog	0	0	0	0	12	7.20	0.72	194.1	0.19	403.0		
3-Nov-15	2454 Armstrong	0	0	0	0	14	7.27	0.90	207.1	0.20	430.0		
3-Nov-15	3500 Fairwinds	0	0	0	0	11	7.32	0.98	204.0	0.20	423.0		
3-Nov-15	1996 Highland	0	0	0	0	14	7.35	0.58	202.5	0.20	420.0		
3-Nov-15	2339 Garry Oak	0	0	0	0	12	7.30	1.11	205.0	0.20	425.0		
12-Nov-15	1566 Arbutus	0	0	0	0	13	7.31	1.35	179.6	0.18	374.0		
12-Nov-15	2359 Higginson	0	0	0	0	13	7.29	0.88	207.0	0.21	428.0		
12-Nov-15	2315 Ida Lane	0	0	0	0	16	7.33	0.09	208.7	0.21	433.0		
12-Nov-15	Lot 54 Evanshire	0	0	0	0	12	7.36	0.88	206.0	0.21	428.0		
12-Nov-15	3383 Redden	0	0	0	0	14	7.39	0.39	206.4	0.21	428.0		
12-Nov-15	2329 Chain	0	0	0	0	12	7.35	0.21	194.4	0.19	398.0		
18-Nov-15	1358 Madrona	0	0	0	0	12	7.51	0.99	185.0	0.18	384.0	0.00	0.074
18-Nov-15	1961 Harlequin	0	0	0	0	11	7.29	0.01	204.4	0.20	424.0	0.03	0.014
18-Nov-15	NB Elementary			0	0	10	7.23	1.46	204.0	0.20	423.0	0.05	0.033
18-Nov-15	3730 Fairwinds	0	0	0	0	11	7.33	0.77	205.8	0.20	427.0	0.08	0.047
18-Nov-15	3541 Shelby	0	0	0	0	10	7.39	0.77	207.0	0.21	428.0	0.06	0.021
18-Nov-15	2940 Fairwinds	0	0	0	0	10	7.32	1.14	207.3	0.21	430.0	0.07	0.022
25-Nov-15	1565 Stonelake			0	0	13	7.33	1.19	182.5	0.18	383.0		
25-Nov-15	1639 Marina	0	0	0	0	13	7.16	1.05	206.0	0.21	426.0		
25-Nov-15	2454 Armstrong			0	0	14	7.22	0.77	204.7	0.20	425.0		
25-Nov-15	3465 Cambridge	0	0	0	0	13.2	7.32	1.12	205.0	0.20	422.0		
25-Nov-15	2339 Garry Oak			0	0	13	7.28	1.52	204.6	0.20	425.0		
	Average	0	0	0	0	12.5	7.3	0.85	200.4	0.2	415.5	0.05	0.035
	Maximum	0	0	0	0	16	7.51	1.52	208.7	0.21	433	0.08	0.074
	Minimum	0	0	0	0	10	7.16	0.01	176.5	0.18	367	0	0.014

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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)
7-Oct-15	1358 Madrona	0	0	0	0	15	7.22	0.63	94.1	0.09	198.1		
7-Oct-15	3427 Tyee	0	0	0	0	15	7.12	0.36	146.6	0.15	306.0		
7-Oct-15	1270 Sea Dog	0	0	0	0	14	7.24	0.04	134.1	0.13	280.0		
7-Oct-15	2315 Ida Lane	0	0	0	0	16	7.43	0.02	160.4	0.16	334.0		
7-Oct-15	3500 Fairwinds	0	0	0	0	13	7.27	0.84	146.2	0.15	305.0		
7-Oct-15	1996 Highland	0	0	0	0	16	7.25	0.53	148.4	0.15	311.0		
7-Oct-15	2940 Fairwinds	0	0	0	0	14	7.23	0.41	135.3	0.13	282.0		
14-Oct-15	1565 Stonelake	0	0	0	0	15	7.21	0.60	123.9	0.12	259.0		
14-Oct-15	2359 Higginson	0	0	0	0	14	7.13	0.52	89.3	0.09	187.9		
14-Oct-15	2454 Armstrong	0	0	0	0	15	7.22	0.70	168.6	0.17	351.0		
14-Oct-15	Lot 54 Evanshire	0	0	0	0	14	7.31	0.75	164.9	0.16	344.0		
14-Oct-15	3383 Redden	0	0	0	0	16	7.26	0.34	151.9	0.15	317.0		
14-Oct-15	2339 Garry Oak	0	0	0	0	13	7.23	1.06	180.9	0.18	376.0		
20-Oct-15	1566 Arbutus	0	0	0	0	14	7.38	0.50	85.9	0.09	180.9		
20-Oct-15	1961 Harlequin	0	0	0	3	14	7.43	0.01	165.9	0.16	344.0		
20-Oct-15	NB Elementary			0	0	12	7.44	1.06	197.6	0.20	411.0		
20-Oct-15	3730 Fairwinds	0	0	0	0	15	7.50	0.45	163.3	0.16	340.0		
20-Oct-15	3541 Shelby	0	0	0	0	14	7.53	0.55	171.6	0.17	358.0		
20-Oct-15	2329 Chain	0	0	0	0	13	7.45	0.27	162.8	0.16	339.0		
21-Oct-15	1961 Harlequin			0	0								
28-Oct-15	1358 Madrona			0	0	14	7.31	0.78	103.9	0.10	218.1		
28-Oct-15	1639 Marina	0	0	0	0	13	7.10	1.08	200.9	0.20	417.0		
28-Oct-15	2315 Ida Lane			0	0	15	7.33	0.01	112.9	0.11	236.0		
28-Oct-15	3465 Cambridge	0	0	0	0	12	7.31	0.88	184.8	0.18	384.0		
28-Oct-15	2940 Fairwinds			0	0	12	7.20	1.04	206.0	0.21	427.0		
	Average	0	0	0	0.12	14.1	7.3	0.56	150.0	0.1	312.8	-	-
	Maximum	0	0	0	3	16	7.53	1.08	206	0.21	427	0	0
	Minimum	0	0	0	0	12	7.1	0.01	85.9	0.09	180.9	0	0

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2-Sep-15	1565 Stonelake	0	0	0	0	18	7.23	0.53	118.9	0.12	249.0	0.02	0.038
2-Sep-15	3427 Tyee	0	0	0	0	19	7.21	0.15	131.2	0.13	274.0	0.03	0.005
2-Sep-15	1270 Sea Dog	0	0	0	0	17	7.02	0.23	79.1	0.08	165.7	0.09	0.017
2-Sep-15	2315 Ida Lane	0	0	0	0	19	7.16	0.11	99.2	0.10	208.4	0.03	0.000
2-Sep-15	3500 Fairwinds	0	0	0	0	16	7.25	0.52	149.3	0.15	312.0	0.04	0.007
2-Sep-15	1996 Highland	0	0	0	0	20	7.22	0.17	124.7	0.12	262.0	0.03	0.001
2-Sep-15	2339 Garry Oak	0	0	0	0	16	7.21	0.69	146.2	0.15	305.0	0.04	0.022
9-Sep-15	1566 Arbutus	0	0	0	0	16	7.25	0.48	110.2	0.11	231.0		
9-Sep-15	2359 Higginson	0	0	0	0	17	7.15	0.18	71.2	0.07	150.2		
9-Sep-15	2454 Armstrong	0	0	0	0	18	7.23	0.48	159.7	0.16	333.0		
9-Sep-15	Lot 54 Evanshire	0	0	0	0	16	7.36	0.67	178.4	0.18	371.0		
9-Sep-15	3383 Redden	0	0	0	0	19	7.36	0.29	191.4	0.19	400.0		
9-Sep-15	2329 Chain	0	0	0	0	15	7.34	0.13	174.3	0.17	363.0		
15-Sep-15	1358 Madrona	0	0	0	0	16	7.24	0.55	100.5	0.10	211.4		
15-Sep-15	1961 Harlequin	0	0	0	OG	17	7.28	0.03	167.3	0.17	349.0		
15-Sep-15	NB Elementary			0	0	13	7.22	0.97	134.4	0.13	281.0		
15-Sep-15	3730 Fairwinds	0	0	0	0	17	7.31	0.57	163.5	0.16	343.0		
15-Sep-15	2940 Fairwinds	0	0	0	0	16	7.35	0.53	164.0	0.16	341.0		
16-Sep-15	1961 Harlequin			0	OG								
17-Sep-15	1961 Harlequin			0	0								
22-Sep-15	1565 Stonelake			0	0	17	7.29	0.66	117.9	0.12	247.0		
22-Sep-15	1639 Marina	0	0	0	0	16	7.30	0.08	151.6	0.15	317.0		
22-Sep-15	2315 Ida Lane			0	0	18	7.35	0.03	150.1	0.15	313.0		
22-Sep-15	3541 Shelby	0	0	0	0	16	7.31	0.73	153.8	0.15	321.0		
22-Sep-15	2339 Garry Oak			0	0	15	7.26	0.86	136.7	0.14	286.0		
29-Sep-15	3465 Cambridge	0	0	0	0	14	7.32	0.71	164.0	0.16	342.0		
	Average	0	0	0	0	16.7	7.3	0.43	139.1	0.1	290.7	0.04	0.013
	Maximum	0	0	0	0	20	7.36	0.97	191.4	0.19	400	0.09	0.038
	Minimum	0	0	0	0	13	7.02	0.03	71.2	0.07	150.2	0.02	0.000

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*Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

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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)
5-Aug-15	1358 Madrona	0	0	0	0	19	7.14	0.49	103.9	0.10	211.0	0.03	0.002
5-Aug-15	3427 Tyee	0	0	0	0	20	7.16	0.52	170.7	0.17	355.0	0.04	0.024
5-Aug-15	1270 Sea Dog	0	0	0	0	19	7.08	0.37	78.5	0.08	165.6	0.03	0.000
5-Aug-15	2454 Armstrong	0	0	0	0	18	7.15	0.38	149.7	0.15	312.0	0.08	0.009
5-Aug-15	3500 Fairwinds	0	0	0	0	16	7.25	0.89	171.8	0.17	357.0	0.06	0.014
5-Aug-15	1996 Highland	0	0	0	0	20	7.27	0.60	172.5	0.17	360.0	0.04	0.000
5-Aug-15	2940 Fairwinds	0	0	0	0	20	7.28	0.64	141.3	0.14	295.0	0.06	0.028
12-Aug-15	1565 Stonelake	0	0	0	0	18	7.31	0.67	110.7	0.11	232.0		
12-Aug-15	2359 Higginson	0	0	0	0	19	7.01	0.51	76.6	0.08	159.7		
12-Aug-15	2315 Ida Lane	0	0	0	0	19	7.17	0.27	157.8	0.16	329.0		
12-Aug-15	Lot 54 Evanshire	0	0	0	0	16	7.24	0.60	171.7	0.17	358.0		
12-Aug-15	3383 Redden	0	0	0	0	22	7.25	0.33	182.0	0.18	379.0		
12-Aug-15	2339 Garry Oak	0	0	0	0	15	7.22	1.04	167.1	0.17	348.0		
19-Aug-15	1566 Arbutus	0	0	0	0	18	6.94	0.95	79.9	0.08	168.3		
19-Aug-15	1961 Harlequin	0	0	0	0	20	7.14	0.02	174.5	0.17	364.0		
19-Aug-15	NB Elementary			0	0	13	7.21	1.06	163.4	0.16	341.0		
19-Aug-15	3730 Fairwinds	0	0	0	0	19	7.28	0.55	169.7	0.17	353.0		
19-Aug-15	3541 Shelby	0	0	0	0	18	7.35	0.58	170.9	0.17	356.0		
19-Aug-15	2329 Chain	0	0	0	0	17	7.29	0.07	170.2	0.17	354.0		
26-Aug-15	1358 Madrona			0	0	18	7.16	0.51	98.6	0.10	207.2		
26-Aug-15	1639 Marina	0	0	0	0	18	7.03	0.48	77.4	0.08	163.3		
26-Aug-15	2454 Armstrong			0	0	18	7.12	0.40	132.0	0.13	276.0		
26-Aug-15	3465 Cambridge	0	0	0	0	17	7.29	0.76	173.1	0.17	360.0		
26-Aug-15	2940 Fairwinds			0	0	17	7.28	0.22	166.3	0.17	347.0		
	Average	0	0	0	0	18.1	7.2	0.54	142.9	0.1	298.0	0.05	0.011
	Maximum	0	0	0	0	22	7.35	1.06	182	0.18	379	0.08	0.028
	Minimum	0	0	0	0	13	6.94	0.02	76.6	0.08	159.7	0.03	0

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8-Jul-15	1566 Arbutus	0	0	0	0	18	7.03	0.65	81.5	0.08	171.8	0.04	0.013
8-Jul-15	3427 Tyee	0	0	0	0	20	6.97	0.45	165.4	0.16	345.0	0.07	0.014
8-Jul-15	1270 Seadog	0	0	0	0	19	6.97	0.28	71.4	0.07	150.5	0.04	0.033
8-Jul-15	2315 Ida Lane	0	0	0	0	18	6.86	0.15	108.1	0.11	227.0	0.04	0.020
8-Jul-15	3500 Fairwinds	0	0	0	0	17	6.94	0.69	172.3	0.17	360.0	0.06	0.023
8-Jul-15	1996 Highland	0	0	0	0	19	6.87	0.53	168.1	0.18	350.0	0.05	0.010
8-Jul-15	2329 Chain	0	0	0	0	15	6.95	1.02	78.8	0.08	166.0	0.10	0.037
15-Jul-15	1358 Madrona	0	0	0	0	18	7.02	0.28	94.1	0.09	197.6		
15-Jul-15	2359 Higginson	0	0	0	0	18	7.11	0.18	75.8	0.07	160.2		
15-Jul-15	2454 Armstrong	0	0	0	0	17	6.96	0.34	190.7	0.19	396.0		
15-Jul-15	54 Evanshire	0	0	0	0	16	6.95	0.66	202.0	0.20	418.0		
15-Jul-15	3383 Redden	0	0	0	0	20	7.04	0.45	199.7	0.20	414.0		
15-Jul-15	2940 Fairwinds	0	0	0	0	19	6.94	0.87	215.0	0.21	446.0		
22-Jul-15	1565 Stonelake	0	0	0	0	18	7.13	0.47	109.5	0.11	230.0		
22-Jul-15	1961 Harlequin	0	0	0	0	19	7.05	0.02	94.9	0.09	199.0		
22-Jul-15	NB Elementary			0	0	12	7.16	1.44	213.0	0.21	441.0		
22-Jul-15	3730 Fairwinds	0	0	0	0	21	7.24	0.42	162.9	0.16	339.0		
22-Jul-15	2339 Garry Oak	0	0	0	0	16	7.30	0.71	176.8	0.18	368.0		
28-Jul-15	1566 Arbutus			0	0	19	7.12	0.80	77.7	0.08	161.8		
28-Jul-15	1639 Marina	0	0	0	0	18	7.17	0.07	170.8	0.17	356.0		
28-Jul-15	2315 Ida Lane			0	0	18	7.16	0.37	149.6	0.15	312.0		
28-Jul-15	3465 Cambridge	0	0	0	0	15	7.28	0.85	165.9	0.16	346.0		
28-Jul-15	3541 Shelby	0	0	0	0	16	7.31	0.81	170.8	0.17	356.0		
28-Jul-15	2329 Chain			0	0	14	7.29	1.50	204.7	0.20	425.0		
	Average	0	0	0	0	17.5	7.1	0.58	146.6	0.1	305.7	0.06	0.021
	Maximum	0	0	0	0	21	7.31	1.5	215	0.21	446	0.1	0.037
	Minimum	0	0	0	0	12	6.86	0.02	71.4	0.07	150.5	0.04	0.01

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 - 2015 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-15	1565 Stonelake	0	0	0	0	15	7.00	0.60	98.1	0.10	206.6	0.02	0.022
3-Jun-15	3427 Tyee	0	0	0	0	17	6.83	0.24	53.2	0.05	112.6	0.06	0.011
3-Jun-15	1270 Sea Dog	0	0	0	0	15	6.79	0.50	73.8	0.07	156.3	0.03	0.000
3-Jun-15	2454 Armstrong	0	0	0	0	14	6.83	0.35	146.1	0.15	303.0	0.17	0.047
3-Jun-15	3500 Fairwinds	0	0	0	0	15	6.99	0.74	174.9	0.17	364.0	0.06	0.027
3-Jun-15	1996 Highland	0	0	0	0	17	7.08	0.47	172.2	0.17	358.0	0.07	0.017
3-Jun-15	2339 Garry Oak	0	0	0	0	13	7.02	1.14	199.9	0.20	415.0	0.07	0.022
10-Jun-15	1566 Arbutus	0	0	0	0	18	6.99	0.61	207.3	0.21	430.0		
10-Jun-15	2359 Higginson	0	4	0	4	17	6.96	0.49	77.6	0.08	163.6		
10-Jun-15	2315 Ida Lane	0	0	0	0	17	7.14	1.16	192.1	0.19	399.0		
10-Jun-15	lot 54 Evanshire	0	0	0	0	15	7.22	1.09	182.4	0.18	379.0		
10-Jun-15	3383 Redden	0	0	0	0	17	7.24	1.01	182.9	0.18	380.0		
10-Jun-15	2329 Chain	0	0	0	0	14	7.21	1.10	209.0	0.21	433.0		
11-Jun-15	2359 Higginson (Re-Sample)			0	0	16		0.57					
17-Jun-15	1358 Madrona	0	0	0	0	16	7.11	0.50	81.8	0.08	174.1		
17-Jun-15	1961 Harlequin	0	0	0	0	18	6.87	0.10	172.7	0.17	359.0		
17-Jun-15	NB Elementary					11	6.94	1.51	210.0	0.21	436.0		
17-Jun-15	3730 Fairwinds	0	0	0	0	17	7.00	0.74	178.2	0.18	370.0		
17-Jun-15	3541 Shelby	0	0	0	0	15	7.16	0.83	182.4	0.18	379.0		
17-Jun-15	2940 Fairwinds	0	0	0	0	17	7.13	1.05	205.0	0.20	426.0		
24-Jun-15	1565 Stonelake			0	0	15	7.01	0.65	92.8	0.09	195.2		
24-Jun-15	1639 Marina	0	0	0	0	16	6.93	0.45	71.8	0.07	151.4		
24-Jun-15	2454 Armstrong			0	0	16	6.90	0.35	122.9	0.12	256.0		
24-Jun-15	3465 Cambridge	0	0	0	0	14	7.09	0.91	176.6	0.18	367.0		
24-Jun-15	2339 Garry Oak			0	0	13	7.09	1.26	203.0	0.20	421.0		
	Average	0	0.20	0	0.17	15.5	7.0	0.74	152.8	0.2	318.1	0.07	0.021
	Maximum	0	4	0	4	18	7.24	1.51	210	0.21	436	0.17	0.047
	Minimum	0	0	0	0	11	6.79	0.1	53.2	0.05	112.6	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

Nanoose Bay Peninsula Water Analysis - 2015 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-15	1358 Madrona	0	0	0	0	11	6.94	1.28	187.4	0.19	390.0	0.00	0.095
6-May-15	3427 Tyee	0	0	0	0	12	6.88	0.63	204.0	0.20	423.0	0.08	0.039
6-May-15	2454 Armstrong	0	0	0	0	11	6.97	0.69	203.5	0.20	423.0	0.10	0.036
6-May-15	1996 Highland	0	0	0	0	13	7.02	0.79	204.0	0.20	424.0	0.02	0.016
6-May-15	2940 Fairwinds	0	0	0	0	11	7.08	1.24	203.1	0.20	422.0	0.01	0.030
12-May-15	1565 Stonelake	0	0	0	0	12	6.92	0.44	99.3	0.10	208.7		
12-May-15	2359 Higginson	0	0	0	0	12	6.74	0.29	70.7	0.07	148.9		
12-May-15	NB Elementary			0	0	11	6.74	1.18	155.1	0.15	324.0		
12-May-15	3730 Fairwinds	0	0	0	0	13	6.79	0.76	158.1	0.16	330.0		
12-May-15	3541 Shelby	0	0	0	0	13	6.91	0.81	158.7	0.16	331.0		
12-May-15	2339 Garry Oak	0	0	0	0	11	6.91	1.01	153.9	0.15	321.0		
20-May-15	1566 Arbutus	0	0	0	0	14	6.89	0.40	98.1	0.10	206.0		
20-May-15	1961 Harlequin	0	0	0	0	14	7.08	0.09	174.8	0.17	364.0		
20-May-15	1270 Sea Dog	0	0	0	0	14	7.07	0.46	70.4	0.07	148.9		
20-May-15	2315 Ida Lane	0	0	0	0	14	7.09	0.30	128.9	0.13	270.0		
20-May-15	3500 Fairwinds	0	0	0	0	12	7.08	0.87	172.3	0.17	359.0		
20-May-15	3383 Redden	0	0	0	0	14	7.24	0.78	171.4	0.17	357.0		
20-May-15	2329 Chain	0	0	0	0	13	7.23	0.44	176.7	0.18	367.0		
27-May-15	1358 Madrona			0	0	16	6.77	0.53	78.7	0.08	166.0		
27-May-15	1639 Marina Way	0	0	0	0	17	7.03	0.68	69.5	0.07	146.8		
27-May-15	2454 Armstrong			0	0	16	6.77	0.58	116.4	0.12	244.0		
27-May-15	3465 Cambridge	0	0	0	0	17	7.09	0.93	173.2	0.17	361.0		
27-May-15	Lot # 54 Evanshire	0	0	0	0	16	7.10	1.03	177.5	0.18	368.0		
27-May-15	2940 Fairwinds			0	0	17	7.09	1.11	154.0	0.15	323.0		
	Average	0	0	0	0	13.5	7.0	0.72	148.3	0.1	309.4	0.04	0.043
	Maximum	0	0	0	0	17	7.24	1.28	204	0.2	424	0.1	0.095
	Minimum	0	0	0	0	11	6.74	0.09	69.5	0.07	146.8	0	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

Nanoose Bay Peninsula Water Analysis - 2015 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-Mar-15	1565 Stonelake	0	0	0	0	10	6.80	0.56	204.0	0.20	422.0	0.01	0.097
3-Mar-15	3427 Tyee	0	0	0	0	8	6.91	0.60	203.6	0.20	422.0	0.06	0.033
3-Mar-15	1270 Sea Dog	0	0	0	0	8	6.92	0.72	204.0	0.20	422.0	0.21	0.063
3-Mar-15	2315 Ida Lane	0	0	0	0	9	7.14	0.05	195.6	0.19	404.0	0.21	0.064
3-Mar-15	3500 Fairwinds	0	0	0	0	9	7.11	1.00	203.0	0.20	416.0	0.09	0.033
3-Mar-15	1996 Highland	0	0	0	0	9	7.25	0.90	203.9	0.20	423.0	0.04	0.029
3-Mar-15	2339 Garry Oak	0	0	0	0	9	7.22	1.24	203.0	0.20	419.0	0.09	0.031
11-Mar-15	1566 Arbutus	0	0	0	0	8	6.75	0.83	206.0	0.21	426.0		
11-Mar-15	2359 Higginson	0	0	0	0	8	6.78	0.17	195.3	0.19	428.0		
11-Mar-15	2454 Armstrong	0	0	0	0	8	6.91	0.05	196.6	0.20	408.0		
11-Mar-15	Lot 54 Evanshire	0	0	0	0	8	7.13	0.98	205.4	0.20	426.0		
11-Mar-15	3383 Redden	0	0	0	0	8	7.16	0.84	205.0	0.20	425.0		
11-Mar-15	2329 Chain	0	0	0	0	8	7.18	0.79	209.9	0.21	435.0		
18-Mar-15	1358 Madrona	0	0	0	0	11	7.23	0.69	205.0	0.20	424.0		
18-Mar-15	1961 Harlequin	0	0	0	0	11	7.18	0.03	206.0	0.21	430.0		
18-Mar-15	NB Elementary			0	0	12	7.21	2.06	208.6	0.21	432.0		
18-Mar-15	3730 Fairwinds	0	0	0	0	12	7.02	0.68	201.6	0.20	418.0		
18-Mar-15	3541 Shelby	0	0	0	0	12	6.93	0.77	198.3	0.20	413.0		
18-Mar-15	2940 Fairwinds	0	0	0	0	11	6.92	1.14	203.0	0.20	422.0		
24-Mar-15	1565 Stonelake			0	0	10	7.12	0.70	197.1	0.20	410.0		
24-Mar-15	1639 Marina Way	T	T	0	0	10	7.23	1.22	202.0	0.20	418.0		
24-Mar-15	2315 Ida Lane			0	0	10	7.05	0.04	195.6	0.19	407.0		
24-Mar-15	3465 Cambridge	T	T	0	0	10	6.84	0.92	199.9	0.20	415.0		
24-Mar-15	2339 Garry Oak			0	0	10	6.97	1.22	199.2	0.20	413.0		
	Average	0	0	0	0	9.5	7.0	0.76	202.2	0.2	419.9	0.10	0.050
	Maximum	0	0	0	0	12	7.25	2.06	209.9	0.21	435	0.21	0.097
	Minimum	0	0	0	0	8	6.75	0.03	195.3	0.19	404	0.01	0.029

Red font indicates non-compliance with Canadian Drinking Water Guidelines

T=Sample not tested. Too long in transit.

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 - 2015 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-15	1565 Stonelake	0	0	0	0	9	7.26	0.67	204.0	0.20	422.0	0.03	0.061
4-Feb-15	3427 Tyee	0	0	0	0	7	7.32	0.54	266.0	0.26	548.0	0.07	0.026
4-Feb-15	1270 Sea Dog	0	0	0	0	7	7.32	0.41	253.0	0.25	523.0	0.10	0.032
4-Feb-15	2315 Ida Lane	0	0	0	0	9	7.30	0.06	261.0	0.26	539.0	0.14	0.044
4-Feb-15	3500 Fairwinds	0	0	0	0	8	6.73	1.03	267.0	0.27	551.0	0.10	0.043
4-Feb-15	1996 Highland	0	0	0	0	8	7.32	0.63	263.0	0.26	543.0	0.08	0.018
4-Feb-15	2339 Garry Oak	0	0	0	0	8	7.31	1.61	271.0	0.27	558.0	0.07	0.023
11-Feb-15	1566 Arbutus	0	0	0	0	9	7.15	0.66	200.0	0.20	416.0		
11-Feb-15	2359 Higginson	0	0	0	0	8	7.18	0.16	208.6	0.21	434.0		
11-Feb-15	2454 Armstrong	0	0	0	0	8	7.17	0.05	217.0	0.22	450.0		
11-Feb-15	Lot 54 Evanshire	0	0	0	0	9	7.22	1.02	234.0	0.23	485.0		
11-Feb-15	3383 Redden	0	0	0	0	9	7.25	0.90	240.0	0.24	496.0		
11-Feb-15	2329 Chain	0	0	0	0	8	7.26	0.37	254.0	0.25	525.0		
17-Feb-15	1358 Madrona	0	0	0	0	9	6.85	0.38	206.9	0.21	429.0		
17-Feb-15	1961 Harlequin	0	0	0	0	9	6.89	0.18	225.0	0.22	465.0		
17-Feb-15	NB Elementary			0	0	10	6.95	1.44	205.2	0.20	426.0		
17-Feb-15	3730 Fairwinds	0	0	0	0	9	6.96	1.01	212.0	0.21	440.0		
17-Feb-15	3541 Shelby	0	0	0	0	9	7.02	0.99	211.9	0.21	441.0		
17-Feb-15	2940 Fairwinds	0	0	0	0	10	7.02	1.34	204.0	0.20	423.0		
25-Feb-15	1565 Stonelake			0	0	10	6.90	0.63	211.0	0.21	437.0		
25-Feb-15	1639 Marina	0	0	0	0	9	6.95	1.29	204.1	0.20	424.0		
25-Feb-15	2315 Ida Lane			0	0	9	6.94	0.04	194.2	0.19	404.0		
25-Feb-15	3465 Cambridge	0	0	0	0	9	7.04	1.41	205.2	0.20	426.0		
25-Feb-15	2339 Garry Oak			0	0	9	7.07	1.80	204.0	0.20	421.0		
	Average	0	0	0	0	8.7	7.1	0.78	225.9	0.2	467.8	0.08	0.035
	Maximum	0	0	0	0	10	7.32	1.8	271	0.27	558	0.14	0.061
	Minimum	0	0	0	0	7	6.73	0.04	194.2	0.19	404	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 Bay Peninsula Water Analysis - 2015 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-Jan-15	1358 Madrona	0	0	0	0	9	6.71	0.67	203.0	0.20	421.0	0.01	0.042
6-Jan-15	3427 Tyee	0	0	0	0	8	6.94	0.47	240.0	0.24	497.0	0.06	0.027
6-Jan-15	1270 Sea Dog	0	0	0	0	7	7.02	0.51	237.0	0.24	493.0	0.28	0.085
6-Jan-15	2454 Armstrong	0	0	0	0	8	6.90	0.09	237.0	0.24	492.0	0.12	0.011
6-Jan-15	3500 Fairwinds	0	0	0	0	8	6.72	0.89	242.0	0.24	500.0	0.07	0.012
6-Jan-15	1996 Highland	0	0	0	0	8	6.79	0.73	240.0	0.24	498.0	0.04	0.022
6-Jan-15	2940 Fairwinds	0	0	0	0	8	6.86	1.29	245.0	0.24	506.0	0.05	0.014
13-Jan-15	1565 Stonelake	0	0	0	0	9	6.59	0.78	199.8	0.20	414.0		
13-Jan-15	2359 Higginson	0	0	0	0	7	6.67	0.18	212.7	0.21	441.0		
13-Jan-15	2315 Ida Lane	0	0	0	0	8	6.77	0.07	244.0	0.24	504.0		
13-Jan-15	Lot 54 Evanshire	0	0	0	0	8	6.85	1.01	251.0	0.25	518.0		
13-Jan-15	3383 Redden	0	0	0	0	7	6.90	0.89	251.0	0.25	518.0		
13-Jan-15	2339 Garry Oak	0	0	0	0	8	6.92	1.32	251.0	0.25	519.0		
21-Jan-15	1566 Arbutus	0	0	0	0	8	6.52	0.46	203.0	0.20	420.0		
21-Jan-15	1961 Harlequin	0	0	0	0	7	6.68	0.21	249.0	0.25	517.0		
21-Jan-15	NB Elementary			0	0	9	6.78	1.18	253.0	0.25	522.0		
21-Jan-15	3730 Fairwinds	0	0	0	0	8	6.91	0.91	253.0	0.25	525.0		
21-Jan-15	3541 Shelby	0	0	0	0	8	7.01	0.89	253.0	0.25	523.0		
21-Jan-15	2329 Chain	0	0	0	0	8	6.90	0.41	247.0	0.25	510.0		
28-Jan-15	1358 Madrona			0	0	9	6.86	0.23	200.4	0.20	416.0		
28-Jan-15	1639 Marina	0	0	0	0	8	6.99	0.81	254.0	0.25	525.0		
28-Jan-15	2454 Armstrong			0	0	8	7.05	0.04	251.0	0.25	519.0		
28-Jan-15	3465 Cambridge	0	0	0	0	8	7.12	1.01	260.0	0.26	535.0		
28-Jan-15	2940 Fairwinds			0	0	8	7.17	1.16	262.0	0.26	541.0		
	Average	0	0	0	0	8.0	6.9	0.68	239.1	0.2	494.8	0.09	0.030
	Maximum	0	0	0	0	9	7.17	1.32	262	0.26	541	0.28	0.085
	Minimum	0	0	0	0	7	6.52	0.04	199.8	0.2	414	0.01	0.011

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.