

Date	Sample Location (Address)	BC Centre for Disease Control		RDN In-House Laboratory and Spectrophotometer								
		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)	Turbidity (NTU)
Jan-8-25	1565 Stone Lake	0	0	0	0	10	-	1.1.9	75.9	0.08	160.0	0.24
Jan-8-25	1639 Marina Way	0	0	0	0	7.7	-	0.94	40.8	0.04	86.4	0.16
Jan-8-25	3427 Tye	0	0	0	0	8	-	0.51	37.1	0.04	78.6	0.23
Jan-8-25	2315 Ida Lane	0	0	0	0	9.9	-	0.55	42.6	0.04	90.2	0.39
Jan-8-25	3495 Cambridge	0	0	0	0	8	-	0.87	39.0	0.04	83.2	0.17
Jan-8-25	3730 Fairwinds	0	0	0	0	7.8	-	0.71	38.7	0.04	81.8	0.15
Jan-8-25	2329 Chain	0	0	0	0	7.4	-	0.31	39.6	0.04	84.4	0.33
15-Jan-25	1566 Arbutus	0	0	0	0	9.1	-	0.97	51.5	0.05	107.9	0.25
15-Jan-25	2259 Higginson	0	0	0	0	8.4	-	0.99	42.1	0.04	89.5	0.38
15-Jan-25	2454 Armstrong	0	0	0	0	8.8	-	0.88	44.0	0.04	93.3	0.18
15-Jan-25	3541 Shelby	0	0	0	0	7.9	-	0.88	41.6	0.04	88.5	0.13
15-Jan-25	3500 Fairwinds	0	0	0	0	7.5	-	0.94	41.8	0.04	88.9	0.31
15-Jan-25	2339 Garry Oak	0	0	0	0	7.9	-	1.01	42.5	0.04	90.0	0.12
20-Jan-25	1358 Madrona	0	0	0	0	8	8.62	1.01	80.6	0.08	169.4	0.11
20-Jan-25	1270 Sea Dog	0	0	0	0	7	8.86	0.78	43.7	0.04	92.8	0.28
20-Jan-25	3383 Redden	0	0	0	0	8	9.35	0.81	62.4	0.06	131.7	0.22
20-Jan-25	1966 Highland	0	0	0	0	8	9.43	0.74	70.4	0.07	148.7	0.19
20-Jan-25	Florence & Anchor	0	0	0	0	8	9.26	0.43	46.3	0.05	98.1	0.14
28-Jan-25	1566 Arbutus			0	0	8	8.55	1.11	52.3	0.05	111.6	0.22
28-Jan-25	3119 Swallow	0	0	0	0	6	8.86	0.47	49.0	0.05	103.9	0.14
28-Jan-25	2454 Armstrong			0	0	7	9.38	0.75	131.8	0.13	273.0	0.14
28-Jan-25	2400 Evanshire	0	0	0	0	7	9.60	1.00	169.9	0.17	355.0	0.13
28-Jan-25	2339 Garry Oak			0	0	7	9.66	1.29	177.9	0.18	370.0	0.13
CDN Drinking Water Guidelines		<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	n/a

Legend:

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

Green font indicates a value flagged for operational consideration

Orange font indicates non-compliance with the Aesthetic Objective (AO) in the Canadian Drinking Water Guidelines (CDWG)

Red font indicates non-compliance with the Maximum Acceptable Concentration (MAC) in the CDWG

Comments:

Iron and Manganese are no longer being tested in-house.

A full potability scan, including metals and minerals, is completed once per year at an external lab.

Notes below about pH (2015) from https://www.canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/water-quality/guidelines-canadian-drinking-water-quality-summary-table.html#_ftn1

Type	Parameter (published, reaffirmed)	MAC (mg/L)	Other value (mg/L)	Common sources of parameter in water	Health considerations	Comments
Treatment-related	pH (2015)	None	7.0-10.5	Not applicable	Not applicable	The control of pH is important to maximize treatment effectiveness, control corrosion and reduce leaching from distribution system and plumbing components.



Regional District of Nanaimo - Water Services Department

Nanoose Bay Peninsula Water Analysis - 2025 Monthly Report

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4-Feb-25	1565 Stone lake			0	0	8	-	1.18	73.9	0.07	155.0	0.18
4-Feb-25	1639 Marina Way			0	0	6	-	1.03	54.7	0.05	115.9	0.27
4-Feb-25	3427 Tye			0	0	7	-	0.71	36.0	0.04	76.3	0.26
4-Feb-25	2315 Ida Lane			0	0	8	-	1.09	172.2	0.17	358.0	0.28
4-Feb-25	3465 Cambridge	n/a	n/a	frozen	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
4-Feb-25	3730 Fairwinds	n/a	n/a	frozen	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
4-Feb-25	2329 Chain Way			0	0	5	-	0.52	121.9	0.12	256.0	0.17
	1270 Sea dog											
	2315 Ida Lane											
	2400 Evanshire											
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