



Regional District of Nanaimo - Water Services Department

Whiskey Creek Water Analysis - 2025 Monthly Report

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)
7-Jan-25	3533 Hebert	0	0	0	0	8.5		0.57	31.3	0.03	67.0	0.20
7-Jan-25	Well Head			0	0	9		0.00	29.4	0.03	62.8	0.22
14-Jan-25	844 Carson	0	0	0	0	8		0.53	35.8	0.03	76.2	0.33
21-Jan-25	3537 Harris	0	0	0	0	8	6.77	0.51	31.9	0.03	67.7	0.15
27-Jan-25	3564 Foxglove	0	0	0	0	7.5	6.73	0.57	32.9	0.03	69.6	0.16
CDN Drinking Water Guidelines		<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	<1

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:

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.