



# Regional District of Nanaimo - Water Services Department

## Whiskey Creek Water Analysis - 2024 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)
3-Jan-24	3533 Hebert	0	0	0	0	8	6.94	0.60	32.9	0.03	70.0	0.21
24-Jan-24	844 Carson	0	0	0	0	9	n/a	0.51	n/a	n/a	n/a	0.29
24-Jan-24	3537 Harris	0	0	0	0	9	6.89	0.55	35.9	0.04	76.1	0.20
31-Jan-24	3564 Foxglove	0	0	0	0		7.21	0.62	34.4	0.03	58.7	0.45
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](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.



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6-Feb-24	3533 Hebert	0	0	0	0	9	6.9	0.57	31.8	0.03	67.6	0.22
14-Feb-24	844 Carson	0	0	0	0	8	6.55	0.51	34.9	0.03	74.1	0.49
21-Feb-24	3537 Harris	0	0	0	0	8	6.81	0.47	35.1	0.03	74.4	0.39
28-Feb-24	3564 Foxglove	0	0	0	0	8	7.02	0.47	40.7	0.04	86.9	0.13
CDN Drinking Water Guidelines		<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	<1

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4-Mar-24	3533 Hebert	0	0	0	0	8	7.48	0.38	34.3	0.03	72.8	0.34
19-Mar-24	3564 Foxglove	0	0	0	0	9		0.51				0.33
19-Mar-24	3537 Harris	0	0	0	0	9	7.30	0.48	31.4	0.03	67.1	0.40
26-Mar-24	844 Carson	0	0	0	0	9	7.51	0.38	34	0.03	73	0.46
CDN Drinking Water Guidelines		<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	<1

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9-Apr-24	3533 Hebert	0	0	0	0	10	6.75	0.66	32.1	0.03	67.90	0.21
CDN Drinking Water Guidelines		<1	<1	<1	<1	n/a	7.0-10.5	n/a	500	n/a	n/a	<1

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