



Regional District of Nanaimo - Water Services Department

Decourcey 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) |
| 6-Jan-25 | 2458 Pylades | 0 | 0 | 0 | 0 | 7.7 | | 0.01 | 351.00 | 0.35 | 717.0 | 0.36 |
| 15-Jan-25 | 2458 Pylades | | | 0 | 0 | 7.1 | | 0.05 | 357.00 | 0.36 | 723.0 | 0.47 |
| 22-Jan-25 | 2458 Pylades | | | 0 | 0 | 7 | 7.62 | 0.00 | 360.00 | 0.36 | 726.0 | 0.47 |
| 27-Jan-25 | 2458 Pylades | | | 0 | 0 | 6 | 7.74 | 0.00 | 367.00 | 0.36 | 731.0 | 0.27 |
| | | | | | | | | | | | | |
| 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:

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.



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| Date | Sample Location (Address) | 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-Feb-25 | 2458 Pylades | | | 0 | 0 | 5 | | 0.00 | 362.0 | 0.36 | 730.0 | 0.28 |
| 10-Feb-25 | 2458 Pylades | | | 0 | 0 | n/a | | 0.00 | 376.0 | 0.38 | 763.0 | 0.20 |
| 18-Feb-25 | 2458 Pylades | | | 0 | 0 | 3.5 | | 0.00 | 345.0 | 0.34 | 688.0 | 0.29 |
| 24-Feb-24 | 2458 Pylades | | | 0 | 0 | 6 | 7.62 | 0.00 | 367.0 | 0.37 | 751.0 | 0.32 |
| 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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| Date | Sample Location (Address) | 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) |
| 5-Mar-25 | 2458 Pylades | | | 0 | 0 | 7 | 7.38 | 0.01 | 320.0 | 0.32 | 659.0 | 0.34 |
| 10-Mar-25 | 2458 Pylades | | | 0 | 0 | 7 | 7.39 | 0.00 | 335.0 | 0.33 | 675.0 | 0.23 |
| 17-Mar-25 | 2458 Pylades | | | 0 | 0 | 7 | 7.39 | 0.01 | 314.0 | 0.31 | 644.0 | 0.55 |
| 24-Mar-25 | 2458 Pylades | 0 | 0 | 0 | 0 | n/a | 7.60 | n/a | 368.0 | 0.38 | 755.0 | 0.24 |
| 31-Mar-25 | 2458 Pylades | | | 0 | 0 | 9 | 7.60 | 0.01 | 315.0 | 0.32 | 646.0 | 0.31 |
| 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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| 7-Apr-25 | 2458 Pylades | | | 0 | 0 | 9 | 7.70 | 0.00 | 295.0 | 0.29 | 605.0 | 0.26 |
| 14-Apr-25 | 2458 Pylades | 0 | 0 | 0 | 0 | 10 | 7.38 | 0.02 | 281.0 | 0.28 | 578.0 | 0.27 |
| 22-Apr-25 | 2458 Pylades | | | 0 | 0 | 11.7 | 7.55 | 0.00 | 330.0 | 0.33 | 677.0 | 0.57 |
| 30-Apr-25 | 2458 Pylades | | | 0 | 0 | 12 | 7.32 | 0.00 | 310.0 | 0.31 | 635.0 | 0.74 |
| 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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| 6-May-25 | 2458 Pylades | 0 | 0 | 0 | 0 | 9 | 7.60 | 0.00 | 347.0 | 0.35 | 710.0 | 0.22 |
| 12-May-25 | 2458 Pylades | | | 0 | 0 | 12 | 7.51 | 0.00 | 363.0 | 0.36 | 742.0 | 0.47 |
| 20-May-25 | 2458 Pylades | | | 0 | 0 | 14 | 7.53 | 0.00 | 366.0 | 0.37 | 747.0 | 0.25 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
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