



Regional District of Nanaimo - Water Services Department

West Bay Water Analysis - 2010 Monthly Report



| Date | Sample Location (Address) | Health Department | | In-House | | | | | | | | | |
|-----------|---------------------------|-------------------|------------------|------------------|------------------|------------|-----|-------------------------------|-------------------------------|--------------|----------------------|-------------------|------------------|
| | | Fecal Coliform * | Total Coliform * | Fecal Coliform * | 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) |
| 09-Feb-10 | 2315 Ida Lane | 0 | 0 | 0 | 0 | 9 | 6.8 | 0.06 | 151 | 0.1 | 319 | 0.08 | 0.154 |
| 17-Feb-10 | 2450 Nanoose Rd | | | 0 | 0 | 9 | 7.1 | 0.06 | 151 | 0.1 | 318 | | |
| 23-Feb-10 | 2315 Ida Lane | | | 0 | 0 | 9 | 7 | 0.08 | 150 | 0.1 | 317 | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | Average | 0 | 0 | 0 | 0 | 9.0 | 7.0 | 0.07 | 150.7 | 0.1 | 318.0 | 0.08 | 0.154 |
| | Maximum | 0 | 0 | 0 | 0 | 9 | 7.1 | 0.08 | 151 | 0.1 | 319 | 0.08 | 0.154 |
| | Minimum | 0 | 0 | 0 | 0 | 9 | 6.8 | 0.06 | 150 | 0.1 | 317 | 0.08 | 0.154 |

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.