



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) |
| 07-Apr-10 | 2315 Ida Lane | 0 | 0 | 0 | 0 | 10 | 7.1 | 0.08 | 154 | 0.2 | 325 | 0.05 | 0.126 |
| 13-Apr-10 | 2450 Nanoose | | | 0 | 0 | 10 | 7 | 0.13 | 152 | 0.2 | 321 | | |
| 20-Apr-10 | 2315 Ida Lane | | | 0 | 0 | 11 | 7.1 | 0.29 | 153 | 0.2 | 323 | | |
| 27-Apr-10 | 2450 Nanoose | | | 0 | 0 | 11 | 7.1 | 0.12 | 151 | 0.1 | 317 | | |
| Average | | 0 | 0 | 0 | 0 | 10.5 | 7.1 | 0.16 | 152.5 | 0.2 | 321.5 | 0.05 | 0.126 |
| Maximum | | 0 | 0 | 0 | 0 | 11 | 7.1 | 0.29 | 154 | 0.2 | 325 | 0.05 | 0.126 |
| Minimum | | 0 | 0 | 0 | 0 | 10 | 7 | 0.08 | 151 | 0.1 | 317 | 0.05 | 0.126 |

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.