



# Regional District of Nanaimo - Water Services Department

## Driftwood 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) |
| 04-May-10 | 1639 Marina Way           |                   |                  | 0                | 0                | 11         | 7.3 | 2.2                           | 163                           | 0.2          | 340                  | 0.39              | 0.152            |
| 12-May-10 | 1961 Harlequin            | 0                 | 0                | 0                | 0                | 12         | 7.1 | 0.05                          | 170                           | 0.2          | 358                  |                   |                  |
| 19-May-10 | 1270 Seadog               | 0                 | 0                | 0                | 0                | 12         | 7.5 | 2.01                          | 161                           | 0.2          | 332                  |                   |                  |
| 25-May-10 | 1909 Sea Otter            | 0                 | 0                | 0                | 0                | n/a        | 7.5 | 1.2                           | 149                           | 0.1          | 312                  |                   |                  |
|           | <b>Average</b>            | 0                 | 0                | 0                | 0                | 11.7       | 7.4 | 1.37                          | 160.8                         | 0.2          | 335.5                | 0.39              | 0.152            |
|           | <b>Maximum</b>            | 0                 | 0                | 0                | 0                | 12         | 7.5 | 2.2                           | 170                           | 0.2          | 358                  | 0.39              | 0.152            |
|           | <b>Minimum</b>            | 0                 | 0                | 0                | 0                | 11         | 7.1 | 0.05                          | 149                           | 0.1          | 312                  | 0.39              | 0.152            |

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.