



# Regional District of Nanaimo - Water Services Department

## Madrona 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	1358 Madrona Dr	0	0	0	0	8	7.1	0.43	151	0.2	321	0.01	0.05
17-Feb-10	1566 Arbutus	0	0	0	0	9	6.8	0.44	148	0.1	312		
23-Feb-10	1819 NW Bay Rd	0	0	0	0	9	7.3	1.36	161	0.2	339		
	<b>Average</b>	0	0	0	0	8.7	7.1	0.74	153.3	0.2	324.0	0.01	0.05
	<b>Maximum</b>	0	0	0	0	9	7.3	1.36	161	0.2	339	0.01	0.05
	<b>Minimum</b>	0	0	0	0	8	6.8	0.43	148	0.1	312	0.01	0.05

**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.