



# 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)
05-Jan-10	1819 NW Bay Rd	0	0	0	0	9	7.4	0.39	158	0.2	334	0.00	0.035
12-Jan-10	1358 Madrona	0	0	0	0	9	7.4	0.73	152	0.2	320		
20-Jan-10	1566 Arbutus	0	0	0	0	9		0.58	148	0.1	312		
26-Jan-10	1819 NW Bay Rd			0	0	8	7.5	0.02	153	0.2	322		
	<b>Average</b>	0	0	0	0	8.8	7.4	0.43	152.8	0.2	322.0	0.00	0.035
	<b>Maximum</b>	0	0	0	0	9	7.5	0.73	158	0.2	334	0	0.035
	<b>Minimum</b>	0	0	0	0	8	7.4	0.02	148	0.1	312	0	0.035

**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.