



# 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-Oct-10	1566 Arbutus			0	0	15	6.9	0.6	128	0.1	268	0.06	0.105
13-Oct-10	1358 Madrona Dr	0	0	0	0	15	7.4	0.45	135	0.1	284		
19-Oct-10	1819 NWB Rd	0	0	0	0		8	1.82	171	0.2	359		
25-Oct-10	1565 Stonelake			0	0	13	7.3	0.46	118	0.1	248		
	<b>Average</b>	0	0	0	0	14.3	7.4	0.83	138.0	0.1	289.8	0.06	0.105
	<b>Maximum</b>	0	0	0	0	15	8	1.82	171	0.2	359	0.06	0.105
	<b>Minimum</b>	0	0	0	0	13	6.9	0.45	118	0.1	248	0.06	0.105

**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.