



# 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)
08-Sep-10	1566 Arbutus	0	0	0	0	16	7.6	0.56	154	0.2	323	0	0.055
15-Sep-10	1358 Madrona	0	0	0	0	16	7.2	0.5	159	0.2	334		
21-Sep-10	1819 NWB Rd	0	0	0	0	12	7.9	0.01	161	0.2	337		
28-Sep-10	1565 Stonelake			0	0	15	7.1	0.91	154	0.2	325		
	<b>Average</b>	0	0	0	0	14.8	7.5	0.50	157.0	0.2	329.8	0.00	0.055
	<b>Maximum</b>	0	0	0	0	16	7.9	0.91	161	0.2	337	0	0.055
	<b>Minimum</b>	0	0	0	0	12	7.1	0.01	154	0.2	323	0	0.055

**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.