



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)
04-May-10	1566 Arbutus Dr	0	0	0	0	12	7.3	0.42	153	0.2	320	0.03	0.045
12-May-10	1819 NW Bay	0	0	0	0	11	7.2	0.03	162	0.2	339		
19-May-10	1358 Madrona Dr	0	0	0	0	13	7.6	0.39	158	0.2	332		
25-May-10	1565 Stonelake			0	0	n/a	7.4	0.29	159	0.2	334		
	Average	0	0	0	0	12.0	7.4	0.28	158.0	0.2	331.3	0.03	0.045
	Maximum	0	0	0	0	13	7.6	0.42	162	0.2	339	0.03	0.045
	Minimum	0	0	0	0	11	7.2	0.03	153	0.2	320	0.03	0.045

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.