



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-Aug-10	1566 Arbutus	T	T	0	0	18	7.6	0.24	73	0.1	153	0.04	0.039
09-Aug-10	1358 Madrona	0	0	0	0	17	7.5	0.13	131	0.1	276		
17-Aug-10	1819 NW Bay Rd	0	0	0	0	13	7.5	0.05	169	0.2	355		
23-Aug-10	1565 Stonelake			0	0	17	7.8	0.06	112	0.1	234		
31-Aug-10	1819 NW Bay Rd			0	0	12	7.8	1.75	171	0.2	359		
	Average	0	0	0	0	15.4	7.6	0.45	131.2	0.1	275.4	0.04	0.039
	Maximum	0	0	0	0	18	7.8	1.75	171	0.2	359	0.04	0.039
	Minimum	0	0	0	0	12	7.5	0.05	73	0.1	153	0.04	0.039

Red font indicates non-compliance with Canadian Drinking Water Guidelines

T-Transport time was too long to laboratory.

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.