



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)
06-Jul-10	1566 Arbutus	0	0	0	0		7.6	0.41	77	0.1	161	0.04	0.02
13-Jul-10	1358 Madrona	0	0	0	0		7.7	0.36	89	0.1	188		
21-Jul-10	1566 Arbutus			0	0	16	7.7	0.82	135	0.1	285		
27-Jul-10	1819 NWB	0	0	0	0	13	8	0.45	169	0.2	352		
	Average	0	0	0	0	14.5	7.8	0.51	117.5	0.1	246.5	0.04	0.02
	Maximum	0	0	0	0	16	8	0.82	169	0.2	352	0.04	0.02
	Minimum	0	0	0	0	13	7.6	0.36	77	0.1	161	0.04	0.02

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.