



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)
09-Jun-10	1566 Arbutus Dr	0	0	0	0		7.3	0.22	93	0.1	195	0.02	0.021
15-Jun-10	1358 Madrona	0	0	0	0		7.4	0.32	82	0.1	171.4		
22-Jun-10	1819 NW Bay Rd	0	0	0	0		7.2	0.61	166	0.2	348		
29-Jun-10	1565 Stonelake			0	0		7.2	0.85	151	0.1	316		
	Average	0	0	0	0	#DIV/0!	7.3	0.50	123.0	0.1	257.6	0.02	0.021
	Maximum	0	0	0	0	0	7.4	0.85	166	0.2	348	0.02	0.021
	Minimum	0	0	0	0	0	7.2	0.22	82	0.1	171.4	0.02	0.021

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.