



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)
07-Apr-10	1566 Arbutus Dr	0	0	0	0	10	7.3	0.76	146	0.1	308	0.01	0.070
13-Apr-10	1819 NW Bay Rd	0	0	0	0	9	6.9	0.05	150	0.1	316		
20-Apr-10	1358 Madrona Dr	0	0	0	0	11	7.4	0.43	151	0.1	317		
27-Apr-10	1565 Stonelake			0	0	11	6.9	0.04	152	0.2	320		
Average		0	0	0	0	10.3	7.1	0.32	149.8	0.1	315.3	0.01	0.07
Maximum		0	0	0	0	11	7.4	0.76	152	0.2	320	0.01	0.07
Minimum		0	0	0	0	9	6.9	0.04	146	0.1	308	0.01	0.07

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.