



Regional District of Nanaimo - Water Services Department

Driftwood 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	1639 Marina			0	0		7.6	0.47	109	0.1	161	0.04	0.02
13-Jul-10	1270 Seadog	0	0	0	0		7.5	0.14	113	0.1	239		
21-Jul-10	1900 Sea Otter	0	0	0	6	18	7.6	0.06	113	0.1	238		
27-Jul-10	1961 Harlequin	0	0	0	0	18	7.7	0.05	114	0.1	250		
	Average	0	0	0	1.5	18.0	7.6	0.18	112.3	0.1	222.0	0.04	0.02
	Maximum	0	0	0	6	18	7.7	0.47	114	0.1	250	0.04	0.02
	Minimum	0	0	0	0	18	7.5	0.05	109	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.