



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)
08-Sep-10	1900 Sea Otter	0	0	0	0	17	7.4	0.06	105	0.1	221	0.06	0.023
15-Sep-10	1639 Marina	0	0	0	0	16	7.2	0.5	159	0.2	334		
21-Sep-10	1961 Harlequin	0	0	0	0	16	7.1	0	141	0.1	297		
28-Sep-10	1270 Seadog	0	0	0	0	16	7.5	0.06	126	0.1	265		
	Average	0	0	0	0	16.3	7.3	0.16	132.8	0.1	279.3	0.06	0.023
	Maximum	0	0	0	0	17	7.5	0.5	159	0.2	334	0.06	0.023
	Minimum	0	0	0	0	16	7.1	0	105	0.1	221	0.06	0.023

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.