



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)
4-Aug-10	1639 Marina Way			0	0	14	7.2	0.09	129	0.1	269	0.32	0.126
9-Aug-10	1900 Sea Otter	0	0	0	BG	18	7.3	0.02	125	0.1	260		
12-Aug-10	1900 Sea Otter			0	0								
17-Aug-10	1270 Sea Dog	0	0	0	0	18	7.2	0.02	129	0.1	272		
23-Aug-10	1961 Harlequin	0	0	0	0	18	7.5	0.13	122	0.1	234		
31-Aug-10	1270 Sea Dog			0	0	15	7.4	0.03	13	0.1	286		
Average		0	0	0	0	16.6	7.3	0.06	103.6	0.1	264.2	0.32	0.126
Maximum		0	0	0	0	18	7.5	0.13	129	0.1	286	0.32	0.126
Minimum		0	0	0	0	14	7.2	0.02	13	0.1	234	0.32	0.126

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

BG-Background levels of bacteria.

*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.