



# Regional District of Nanaimo - Water Services Department

## West Bay 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)
5-Oct-10	2315 Ida Lane	0	0	0	0	16	7	0.02	99	0.1	209	0.12	0.072
13-Oct-10	2450 Nanoose			0	0	14	7.2	0.05	140	0.1	295		
18-Oct-10	2254 Armstrong			0	0		7.8	0.03	132	0.1	277		
25-Oct-10	2315 Ida Lane			0	0	14	7.8	0.05	111	0.1	234		
	<b>Average</b>	0	0	0	0	14.7	7.5	0.04	120.5	0.1	253.8	0.12	0.072
	<b>Maximum</b>	0	0	0	0	16	7.8	0.05	140	0.1	295	0.12	0.072
	<b>Minimum</b>	0	0	0	0	14	7	0.02	99	0.1	209	0.12	0.072

**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.