



# 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)
08-Sep-10	2315 Ida Lane	0	0	0	0	17	7.4	0.05	103	0.1	217	0.08	0.074
15-Sep-10	2450 Nanoose			0	0	16	7.1	0.08	149	0.1	313		
21-Sep-10	2315 Ida Lane			0	0	16	7.6	0.07	106	0.1	226		
28-Sep-10	2254 Armstrong			0	0	16	7.3	0.06	102	0.1	215		
	<b>Average</b>	0	0	0	0	16.3	7.4	0.07	115.0	0.1	242.8	0.08	0.074
	<b>Maximum</b>	0	0	0	0	17	7.6	0.08	149	0.1	313	0.08	0.074
	<b>Minimum</b>	0	0	0	0	16	7.1	0.05	102	0.1	215	0.08	0.074

**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.