



# 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)
05-Jan-10	2315 Ida Lane	0	0	0	0	8	7.4	0.08	151	0.2	320	0.05	0.118
12-Jan-10	2450 Nanoose Rd			0	0	9	7.1	0.14	149	0.1	313		
20-Jan-10	2315 Ida Lane			0	0	9		0.07	156	0.2	330		
26-Jan-10	2450 Nanoose Rd			0	0	8	7.2	0.07	147	0.1	310		
	<b>Average</b>	0	0	0	0	8.5	7.2	0.09	150.8	0.2	318.3	0.05	0.118
	<b>Maximum</b>	0	0	0	0	9	7.4	0.14	156	0.2	330	0.05	0.118
	<b>Minimum</b>	0	0	0	0	8	7.1	0.07	147	0.1	310	0.05	0.118

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.