



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)
03-Mar-10	2450 Nanoose Rd			0	0	9	7.1	0.3	148	0.1	311	<3.3	<0.770
09-Mar-10	2315 Ida Lane	0	0	0	0	7	7.2	0.05	151	0.2	320		
17-Mar-10	2450 Nanoose Rd			0	0	9	7.0	0.10	150	0.1	316		
24-Mar-10	2315 Ida Lane			0	0	8	7.1	0.07	152	0.2	320		
30-Mar-10	2450 Nanoose Rd			0	0	8	7.2	0.11	153	0.2	323		
	Average	0	0	0	0	8.2	7.1	0.13	150.8	0.2	318.0	#DIV/0!	#DIV/0!
	Maximum	0	0	0	0	9	7.2	0.3	153	0.2	323	0	0
	Minimum	0	0	0	0	7	7	0.05	148	0.1	311	0	0

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.