



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)
06-Jul-10	2315 Ida Lane	0	0	0	0		7.4	0.79	152	0.1	319	0.11	0.142
13-Jul-10	2450 Nanoose Rd			0	0		7.5	0.16	71	0.1	150		
21-Jul-10	2315 Ida Lane			0	0	18	7.6	0.76	97	0.1	203		
27-Jul-10	2450 Nanoose Rd			0	0	18	7.7	0.33	119	0.1	250		
	Average	0	0	0	0	18.0	7.6	0.51	109.8	0.1	230.5	0.11	0.142
	Maximum	0	0	0	0	18	7.7	0.79	152	0.1	319	0.11	0.142
	Minimum	0	0	0	0	18	7.4	0.16	71	0.1	150	0.11	0.142

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.