



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)
04-May-10	2315 Ida Lane	0	0	0	0	11	7.2	0.41	158	0.2	331	0.07	0.101
12-May-10	2450 Nanoose			0	0	11	7.1	0.1	156	0.2	329		
19-May-10	2315 Ida Lane			0	0	12	7.5	0.61	16	0.2	335		
25-May-10	2254 Armstrong					n/a	7.5	0.21	143	0.1	301		
Average		0	0	0	0	11.3	7.3	0.33	118.3	0.2	324.0	0.07	0.101
Maximum		0	0	0	0	12	7.5	0.61	158	0.2	335	0.07	0.101
Minimum		0	0	0	0	11	7.1	0.1	16	0.1	301	0.07	0.101

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.