



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-Aug-10	2315 Ida Lane	0	0	0	0	19	7.5	0.08	90	0.1	189	0.1	0.076
09-Aug-10	2254 Armstrong			0	0	17	7.6	0.09	114	0.1	240		
17-Aug-10	2450 Nanoose			0	0	16	7.2	0.06	107	0.1	226		
23-Aug-10	2315 Ida Lane			0	0	19	7.7	0.09	99	0.1	207		
31-Aug-10	2254 Armstrong			0	0	16	7.7	0.18	120	0.1	253		
	Average	0	0	0	0	17.4	7.5	0.10	106.0	0.1	223.0	0.10	0.076
	Maximum	0	0	0	0	19	7.7	0.18	120	0.1	253	0.1	0.076
	Minimum	0	0	0	0	16	7.2	0.06	90	0.1	189	0.1	0.076

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.