



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)
09-Jun-10	2315 Ida Lane	0	0	0	0		7.8	0.64	158	0.2	333	0.09	0.150
15-Jun-10	2450 Nanoose Rd			0	0		7.4	0.17	111	0.1	234		
22-Jun-10	2254 Armstrong			0	0		7.1	0.03	103	0.1	216		
29-Jun-10	2315 Ida Lane			0	0		7	1.08	121	0.1	254		
	Average	0	0	0	0	#DIV/0!	7.3	0.48	123.3	0.1	259.3	0.09	0.15
	Maximum	0	0	0	0	0	7.8	1.08	158	0.2	333	0.09	0.15
	Minimum	0	0	0	0	0	7	0.03	103	0.1	216	0.09	0.15

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.