



Regional District of Nanaimo - Water Services Department

Wall Beach 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	1358 Madrona	0	0	0	0	9	6.9	0.46	152	0.2	321	0.01	0.046
09-Mar-10	1566 Arbutus	0	0	0	0	9	7.2	0.33	153	0.2	323		
17-Mar-10	1819 NW Bay Rd	0	0	0	0	9	6.9	0.02	155	0.2	325		
24-Mar-10	1358 Madrona			0	0	9	6.8	0.32	153	0.2	321		
30-Mar-10	1565 Stonelake			0	0	9	7.0	0.30	155	0.2	326		
	Average	0	0	0	0	9.0	7.0	0.29	153.6	0.2	323.2	0.01	0.046
	Maximum	0	0	0	0	9	7.2	0.46	155	0.2	326	0.01	0.046
	Minimum	0	0	0	0	9	6.8	0.02	152	0.2	321	0.01	0.046

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.