



Regional District of Nanaimo - Water Services Department

Fairwinds 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	3500 Fairwinds	0	0	0	0		7.5	2.2	138	0.1	288	0.39	0.168
13-Jul-10	3465 Cambridge	0	0	0	0		7.7	2.2	133	0.1	278		
21-Jul-10	3730 Fairwinds	0	0	0	0	17	7.7	2.2	127	0.1	267		
21-Jul-10	3541 Shelby	0	0	0	0	15	7.7						
27-Jul-10	3429 Redden	0	0	0	0	18	7.4	0.42	136	0.1	286		
	Average	0	0	0	0	16.7	7.6	1.76	133.5	0.1	279.8	0.39	0.168
	Maximum	0	0	0	0	18	7.7	2.2	138	0.1	288	0.39	0.168
	Minimum	0	0	0	0	15	7.4	0.42	127	0.1	267	0.39	0.168

Red font indicates non-compliance with Canadian Drinking Water Guidelines

Aesthetic Objective for Iron is ≤ 0.3 mg/L

Aesthetic Objective for Manganese is ≤ 0.05 mg/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.