



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)
09-Jun-10	3500 Fairwinds Dr	0	0	0	0		7.5	2.04	143	0.1	300	0.44	0.165
15-Jun-10	3429 Redden Rd	0	0	0	0		7.3	0.32	135	0.1	285		
22-Jun-10	3465 Cambridge	0	0	0	0		7.4	0.09	129	0.1	272		
28-Jun-10	3541 Shelby			0	0		7	2.2	144	0.1	301		
29-Jun-10	3730 Fairwinds			0	0								
	Average	0	0	0	0	#DIV/0!	7.3	1.16	137.8	0.1	289.5	0.44	0.165
	Maximum	0	0	0	0	0	7.5	2.2	144	0.1	301	0.44	0.165
	Minimum	0	0	0	0	0	7	0.09	129	0.1	272	0.44	0.165

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.