



# 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)
03-Mar-10	3465 Cambridge	0	0	0	0	9	7	1.34	159	0.2	334	<3.3	<0.770
04-Mar-10	3500 Fairwinds						6.9	0.77	160	0.2	335	0.56	0.199
09-Mar-10	3429 Redden Road	0	0	0	0	8	7.1	1.08	160	0.2	338		
17-Mar-10	3500 Fairwinds	0	0	0	0	9	7	1.56	159	0.2	333		
24-Mar-10	3541 Shelby Lane	0	0	0	0	9	7	0.77	155	0.2	327		
30-Mar-10	3730 Fairwinds	0	0	0	0	10	7.3	0.12	153	0.2	322		
	Average	0	0	0	0	9.0	7.1	0.94	157.7	0.2	331.5	0.56	0.199
	Maximum	0	0	0	0	10	7.3	1.56	160	0.2	338	0.56	0.199
	Minimum	0	0	0	0	8	6.9	0.12	153	0.2	322	0.56	0.199

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.