



# 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)
05-Jan-10	3465 Cambridge	0	0	0	0	8	7.3	1.50	160	0.2	336	1.15	0.414
12-Jan-10	3429 Redden	0	0	0	0	7	7.0	0.80	160	0.2	337		
20-Jan-10	3500 Fairwinds	0	0	0	0	8		0.54	155	0.2	325		
26-Jan-10	3541 Shelby Lane	0	0	0	0	8	7.1	0.04	156	0.2	328		
26-Jan-10	3730 Fairwinds	0	0	0	0	8	7.1	0.03	156	0.2	328		
	Average	0	0	0	0	7.8	7.1	0.58	157.4	0.2	330.8	1.15	0.414
	Maximum	0	0	0	0	8	7.3	1.5	160	0.2	337	1.15	0.414
	Minimum	0	0	0	0	7	7	0.03	155	0.2	325	1.15	0.414

Red font indicates non-compliance with Canadian Drinking Water Guidelines

Aesthetic Objective for Iron is  $\leq 0.3$  mg/L

Aesthetic Objective for Manganese is  $\leq 0.05$  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.