



Regional District of Nanaimo - Water Services Department

Arbutus 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	2940 Fairwinds	0	0	0	0	7	7.3	0.06	150	0.1	317	0.15	0.147
12-Jan-10	2832 Powder Pt	0	0	0	0	11	7.0	0.19	149	0.1	312		
20-Jan-10	2329 Chain Way	0	0	0	0	8		0.08	152	0.2	321		
26-Jan-10	2940 Fairwinds			0	0	6	7.1	0.06	148	0.1	312		
	Average	0	0	0	0	8.0	7.1	0.10	149.8	0.1	315.5	0.15	0.147
	Maximum	0	0	0	0	11	7.3	0.19	152	0.2	321	0.15	0.147
	Minimum	0	0	0	0	6	7	0.06	148	0.1	312	0.15	0.147

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.