



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)
07-Apr-10	2940 Fairwinds Dr	0	0	0	0	9	7.0	0.12	150	0.1	316	0.53	0.220
13-Apr-10	2832 Powder Pt	0	0	0	0	10	7.0	0.12	152	0.2	319		
20-Apr-10	2329 Chain Way	0	0	0	0	10	7.0	0.11	145	0.1	306		
27-Apr-10	2940 Fairwinds Dr			0	0	11	7.2	0.11	148	0.1	311		
	Average	0	0	0	0	10.0	7.1	0.12	148.8	0.1	313.0	0.53	0.22
	Maximum	0	0	0	0	11	7.2	0.12	152	0.2	319	0.53	0.22
	Minimum	0	0	0	0	9	7	0.11	145	0.1	306	0.53	0.22

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.