



# 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)
04-Aug-10	2832 Powder Pt	0	0	0	0	13	7.6	0.2	152	0.1	318	0.55	0.243
09-Aug-10	2329 Chain Way	0	0	0	0	13	7.6	0.53	149	0.1	313		
17-Aug-10	2940 Fairwinds	0	0	0	0	18	7.3	0.04	153	0.2	321		
23-Aug-10	2832 Powder Pt			0	0	14	7.7	2.2	146	0.1	304		
31-Aug-10	2329 Chain Way			0	0	13	7.8	1.27	142	0.1	299		
	<b>Average</b>	0	0	0	0	14.2	7.6	0.85	148.4	0.1	311.0	0.55	0.243
	<b>Maximum</b>	0	0	0	0	18	7.8	2.2	153	0.2	321	0.55	0.243
	<b>Minimum</b>	0	0	0	0	13	7.3	0.04	142	0.1	299	0.55	0.243

**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.