



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)
5-Oct-10	2329 Chain			0	0	13	6.8	0.03	128	0.1	269	0.15	0.096
13-Oct-10	2940 Fairwinds	0	0	0	0	11	7.3	0.04	105	0.1	222		
18-Oct-10	2832 Powder Pt	0	0	0	0		7.9	0.11	221	0.1	105		
25-Oct-10	2329 Chain			0	0	13	7.5	1.11	125	0.1	263		
	Average	0	0	0	0	12.3	7.4	0.32	144.8	0.1	214.8	0.15	0.096
	Maximum	0	0	0	0	13	7.9	1.11	221	0.1	269	0.15	0.096
	Minimum	0	0	0	0	11	6.8	0.03	105	0.1	105	0.15	0.096

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.