



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)
08-Sep-10	2832 Powder Pt	0	0	0	0	14	7.4	2.05	154	0.2	323	0.41	0.186
15-Sep-10	2940 Fairwinds	0	0	0	0	14	6.9	1.52	157	0.2	330		
21-Sep-10	2329 Chain Way	0	0	0	0	14	7.6	0.51	129	0.1	272		
28-Sep-10	2832 Powder Pt			0	0	14	7.5	1.07	113	0.1	238		
	Average	0	0	0	0	14.0	7.4	1.29	138.3	0.2	290.8	0.41	0.186
	Maximum	0	0	0	0	14	7.6	2.05	157	0.2	330	0.41	0.186
	Minimum	0	0	0	0	14	6.9	0.51	113	0.1	238	0.41	0.186

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.