



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)
09-Feb-10	2832 Powder Pt	0	0	0	0	9	6.8	0.12	148	0.1	313	0.62	0.274
17-Feb-10	2329 Chain Way	0	0	0	0	9	7.0	0.11	156	0.2	328		
23-Feb-10	2940 Fairwinds	0	0	0	0	7	7.0	0.09	150	0.1	315		
	Average	0	0	0	0	8.3	6.9	0.11	151.3	0.1	318.7	0.62	0.274
	Maximum	0	0	0	0	9	7	0.12	156	0.2	328	0.62	0.274
	Minimum	0	0	0	0	7	6.8	0.09	148	0.1	313	0.62	0.274

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.