



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)
06-Jul-10	2329 Chain Way	0	0	0	0		7.6	0.46	141	0.1	297	0.24	0.165
13-Jul-10	2832 Powder Pt	0	0	0	0		7.6	1	137	0.1	288		
21-Jul-10	2329 Chain Way			0	0	17	7.5	1.69	131	0.1	276		
27-Jul-10	2940 Fairwinds	0	0	0	0	12	7.6	0.23	150	0.1	315		
	Average	0	0	0	0	14.5	7.6	0.85	139.8	0.1	294.0	0.24	0.165
	Maximum	0	0	0	0	17	7.6	1.69	150	0.1	315	0.24	0.165
	Minimum	0	0	0	0	12	7.5	0.23	131	0.1	276	0.24	0.165

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.