



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-Jun-10	2329 Chain Way	0	0	0	0		7.7	0.94	154	0.2	324	0.24	0.162
15-Jun-10	2940 Fairwinds Dr	0	0	0	0		7.4	0.22	120	0.1	255		
22-Jun-10	2832 Powder Pt	0	0	0	0		7.3	0.03	106	0.1	223		
29-Jun-10	2329 Chain Way			0	0		7	2.2	151	0.1	316		
	Average	0	0	0	0	#DIV/0!	7.4	0.85	132.8	0.1	279.5	0.24	0.162
	Maximum	0	0	0	0	0	7.7	2.2	154	0.2	324	0.24	0.162
	Minimum	0	0	0	0	0	7	0.03	106	0.1	223	0.24	0.162

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.