

## Raw Water Quality 2007

Parameter	Concentration	
	Range	Average
<b>General Chemistry, results in mg/L unless otherwise noted</b>		
Alkalinity	168 - 365	283
Bromide	BDL - 0.63	0.09
Calcium Hardness, as CaCO <sub>3</sub>	128 - 432	308
Chloride	19.0 - 49.4	30.32
Fluoride	0.30 - 0.55	0.39
Total Hardness, as CaCO <sub>3</sub>	332 - 780	489
Iron	BDL - 6.37	0.56
Magnesium Hardness, as CaCO <sub>3</sub>	84 - 460	181
Manganese	BDL - 5.72	1.02
Nitrate, as Nitrogen	0.01 - 2.79	0.37
pH, units	7.05 - 8.73	7.33
Sulfate	181 - 298	239
Total Dissolved Solids	432 - 700	613
Total Organic Carbon	2.83 - 30.24	4.4
Turbidity, NTU	0.15 - 103	4.76
Temperature, C	4 - 28	13
<b>Microbiological</b>		
Cryptosporidium	BDL	
Giardia (Cysts / 100 Liters)	BDL	

**Notes:**

mg/L = milligrams per liter (parts per million)

NTU = Nephelometric Turbidity units. This is a measure of the suspended material in the water

C = Degrees Celcius

CaCO<sub>3</sub> = Calcium carbonate

BDL = Below detection limit