

RAW WATER ANALYSIS
2009
SOURCE OF SUPPLY - LAKE ERIE

Chemical Analysis

	frequency	average
Temperature (Fahrenheit)	D	51.89
Turbidity (NTU's)	D	9.30
pH	D	7.75
Alkalinity	D	88.40
Calcium	A	35.40
Total Dissolved Solids	D	190.40
Total Hardness (CaCO ₃)	D	121.40
as grains per gallon (gpg)		7.08
Calcium Hardness (CaCO ₃)	W	88.40
Conductivity	D	290.00
Fluorides	W	0.17
Chlorides	W	22.30
Aluminum	Q	0.066
Cadmium	Q	<0.0005
Chromium	Q	<0.001
Iron	Q	0.150
Nickel	Q	0.006
Copper	Q	0.003
Lead	Q	<0.001

A - Annual D - daily
Q -Quarterly M-monthly W - weekly

Results expressed in parts per million
except Temperature, Turbidity, and pH
Biological Analysis

Coliform (per 100mL)	D	64.2
Giardia (per 1L)	M	<1.0
Cryptosporidium (per 1L)	M	<1.0