

RAW WATER ANALYSIS
2010
SOURCE OF SUPPLY - LAKE ERIE

Chemical Analysis

	frequency	average
Temperature (Fahrenheit)	D	54.20
Turbidity (NTU's)	D	33.50
pH	D	7.70
Alkalinity	D	96.80
Calcium	A	33.96
Total Dissolved Solids	D	200.10
Total Hardness (CaCO ₃)	D	126.32
as grains per gallon (gpg)		7.38
Calcium Hardness (CaCO ₃)	W	84.90
Conductivity	D	302.02
Fluorides	W	0.18
Chlorides	W	22.40
Aluminum	Q	0.109
Cadmium	Q	<0.0005
Chromium	Q	<0.001
Iron	Q	0.669
Nickel	Q	0.006
Manganese	Q	0.217
Copper	Q	<0.0035
Lead	Q	<0.001

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

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

Coliform (per 100mL)	D	536
Giardia (per 1L)	M	<1.0
Cryptosporidium (per 1L)	M	<1.0