

FINISHED WATER ANALYSIS
2009
SOURCE OF SUPPLY - LAKE ERIE

Chemical Analysis

	Frequency	Average	Suggested MCL
Turbidity (NTU)	D	0.125	0.5
pH	D	7.42	6.5 to 8.5
Alkalinity	W	82.1	**
Chlorine Residual - free	D	1.03	4.0
Chlorine Residual - total	D	1.26	4.0
Total Dissolved Solids	W	195.0	500
Total Hardness (CaCO ₃)	W	119.8	**
as grains per gallon (gpg) TH x 0.0584		6.99	**
Calcium Hardness (CaCO ₃)	W	85.8	**
Phosphate (PO ₄)	D	0.23	2.0
Fluoride	D	0.934	2.0
Conductivity	D	296.5	**
Chloride	W	24.8	250
Nitrate (as Nitrogen)	A	0.33	10.0
Nitrite (as Nitrogen)	A	<0.01	1.0
Aluminum	Q	0.114	0.2
Iron	Q	<.03	0.3
Manganese	Q	<.01	0.05
Magnesium	A	8.6	**
Copper	Q	<.01	*1.3
Lead	Q	<0.001	*0.015
Sulfates	S	25.1	250
Color	S	<5	15
Antimony	S	<0.003	0.006
Barium	S	0.022	2.0
Calcium	W	34.3	**
Thallium	S	<.001	0.002
Beryllium	S	<.0005	0.005
Cyanide	S	<.005	0.2
Mercury	S	<.0002	0.002
Chromium	S	<0.001	0.2
Cadmium	S	<0.0005	0.1
Selenium	S	<0.003	0.05
Sodium	A	12.3	**
Nickel	S	<.002	0.1
Arsenic	S	<0.003	0.05
Asbestos (2006 Value)	A	<0.2 mf/l	7.0 mf/l
Silver	S	<0.002	0.1
Zinc	S	<0.001	5.0

D - Daily Q - Quarterly M - Monthly
W - Weekly S - Semi-Annually
n/a - Not Available

* Action Level
** Unregulated

Results expressed in parts per million (ppm) except for Color, Turbidity, and pH

Bacteriological Analysis

Coliform (per 100 ml)	D	<1 per 100 mL	<1 per 100 mL
Giardia (per 1000 ml)	M	Not tested	**
Cryptosporidium (per 1000 ml)	M	Not tested	**