FINISHED WATER ANALYSIS
2010
SOURCE OF SUPPLY - LAKE ERIE

Chemical Analysis

	Frequency	Average	Suggested MCL
Turbidity (NTU)	D	0.134	0.5
pH	D	7.53	6.5 to 8.5
Alkalinity	W	83.35	**
Chlorine Residual - free	D	1.06	4.0
Chlorine Residual - total	D	1.21	4.0
Total Dissolved Solids	W	195.3	500
Total Hardness ($CaCO_3$)	W	121.2	**
as grains per gallon (gpg) TH x 0.0584	W	7.07	**
Calcium Hardness ($CaCO_3$)	W	85.08	**
Phosphate (PO4)	D	0.392	2.0
Fluoride	D	0.985	2.0
Conductivity	D	295.1	**
Chloride	W	22.1	250
Nitrate (as Nitrogen)	A	0.24	10.0
Nitrite (as Nitrogen)	A	<0.01	1.0
Aluminum	Q	0.097	0.2
Iron	Q	<.03	0.3
Manganese	Q	<.01	0.05
Magnesium (2009 value)	A	8.6	**
Copper	Q	<.01	*1.3
Lead	Q	<0.001	*0.015
Sulfates (2009 value)	A	25.1	250
Color	S	<5	15
Antimony	S	<0.003	0.006
Barium	S	0.021	2.0
Calcium	W	34.03	**
Thallium	S	<.001	0.002
Beryllium	S	<.0005	0.005
Cyanide	S	<.005	0.2
Mercury	S	<.0002	0.002
Chromium	S	<0.01	0.2
Cadmium	S	<0.0005	0.1
Selenium	S	<0.003	0.05
Sodium (2009 value)	A	12.3	**
Nickel	S	<.010	0.1
Arsenic	S	<0.003	0.05
Asbestos (2006 value)	A	<0.2 mf/l	7.0 mf/l
Silver (2009 value)	A	<0.002	0.1
Zinc (2009 value)	A	<0.001	5.0

D - Daily Q - Quarterly M - Monthly
W - Weekly S - Semi-Annually A -Annual
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	**

Cryptosporidium and Giardia are tested in the source water and none were found in 2010