

INFLUENT WATER ANALYSIS

2020

SOURCE OF SUPPLY - LAKE ERIE

Chemical Analysis	Frequency	Average	High	Low
Temperature (°F)	D	55.1	79.8	33.0
Turbidity (NTU)	D	22.7	247	2.14
pH	D	8.06	8.50	7.51
Chlorine Residual - Free	D	0.05	0.46	0.00
Total Dissolved Solids	D	179.9	248.7	161.1
Conductivity	D	275.1	374.1	246.7
Alkalinity	W	92.1	98.6	82.6
Calcium Hardness (CaCO ₃)	W	82.1	91.8	72.4
Total Hardness (CaCO ₃)	W	119.4	129.4	112.4
as grains per gallon (gpg) TH x 0.0584	W	6.97	7.56	6.56
Fluoride	W	0.116	0.162	0.070
Chloride	M	20.6	37.7	14.6
Total Organic Carbon	M	2.6	3	2.3
Aluminum	Q	0.490	1.730	0.050
Copper	Q	0.003	0.005	0.002
Lead	Q	0.0008	0.004	<0.001
Manganese	Q	0.037	0.103	0.004
Zinc	Q	0.005	0.016	<0.005

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

KEY

D- Daily W- Weekly M- Monthly Q- Quarterly
