

INFLUENT WATER ANALYSIS

2021

SOURCE OF SUPPLY - LAKE ERIE

Chemical Analysis	Frequency	Average	High	Low
Temperature (°F)	D	63.4	80.6	32.2
Turbidity (NTU)	D	20.9	198	1.74
pH	D	8.08	8.55	7.47
Chlorine Residual - Free	D	0.04	0.28	0.00
Total Dissolved Solids	D	169.4	190.9	153.8
Conductivity	D	259.3	281.1	236.5
Alkalinity	W	91.2	96.1	85.7
Calcium Hardness (CaCO ₃)	W	78.2	89.4	51
Total Hardness (CaCO ₃)	W	115.7	125.8	107.6
as grains per gallon (gpg) TH x 0.0584	W	6.76	7.35	6.28
Fluoride	W	0.133	0.163	0.091
Chloride	M	17.6	23.3	15.6
Total Organic Carbon	M	2.2	2.6	1.9
Aluminum	M	0.2541	1.510	<0.058
Copper	M	0.0350	0.0072	0.0016
Lead	M	0.0002	0.0008	<0.001
Manganese	M	0.0096	0.0098	0.0031
Zinc	M	0.0016	0.0090	<0.0050

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

KEY

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