

# White Lake Monitoring Data Collected in June, From 1974 to 2021

	<u>1974</u>	<u>1998</u>	<u>2003</u>	<u>2013</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
<b>Mean Temperature (C)</b>	26.1	28.3	27.6	27.5	28.6	30.2	29.0	27.5	28
<b>Mean Secchi Depth (m)</b>	>3.0	2.4	2.6	2.8	1.2	1.75	>3.0	1.25	1.25
<b>Mean Chlorophyll a (µg/L)</b>			5	2.5	10.7	8	5.5	6.4	9.4
<b>pH Range (std. units)</b>	4.6	4.2-4.3	4.2	6.0-6.8	6.5-7.4	6.6-7.3	6.2-6.7	7.1-7.3	6.8-7.0
<b>Mean Dissolved Oxygen (mg/L)</b>	8.6	7.2	8.0	7.0	7.3	7.6	7.9	8.6	7.8
<b>Mean Total Nitrogen (mg/L)</b>	0.211	0.11	0.11	0.39	0.68	0.50	0.481	0.757	0.870
<b>Mean Total Phosphorus (mg/L)</b>	0.017	<0.01	<0.02	<0.02	0.02	0.02	0.014	0.025	0.031
<b>TN/TP (mass)</b>	12.4				34	25	34.4	30.3	28.1
<b># of Samples</b>		3	3	3	7	7	6	6	6

*A filamentous cyanobacteria bloom September 2017 to May 2018  
 pH > 9, fish kill  
 low-dose alum treatment 5/3 to 5/16; June 2018 data 6 wks. post trt*