

Lake Monitoring 2023



Prepared for Lake Tishomingo by Gateway Lake Management LLC

Visit Date: Thursday 4/20/2023

Visit 2 Observations

The lake was much improved this visit compared to last visit. The planktonic bloom that had previously been present was non-existent which is typical, here today gone tomorrow.

Filamentous algae was still present in very minor amounts near some shorelines. For optimal fish growth some of this is beneficial to the food chain.

Visibility within the lake was vastly improved as clarity was up to 3.5-4ft.

Pollen from trees was the main culprit of the negative aesthetics of the lake (as seen in picture 1). This can be seen as tiny tan flecks on the surface or in coves it can congregate.

Water willow can be seen sprouting just under the surface in the few areas around the lake where it is desirable (See picture 2). The lake is in good shape for this time of year and hopefully this trend continues.

Water Testing

The water test was collected in the center of the lake. Oxygen levels returned to normal. Overall conditions appear to remain stable.

(continued on page 2)



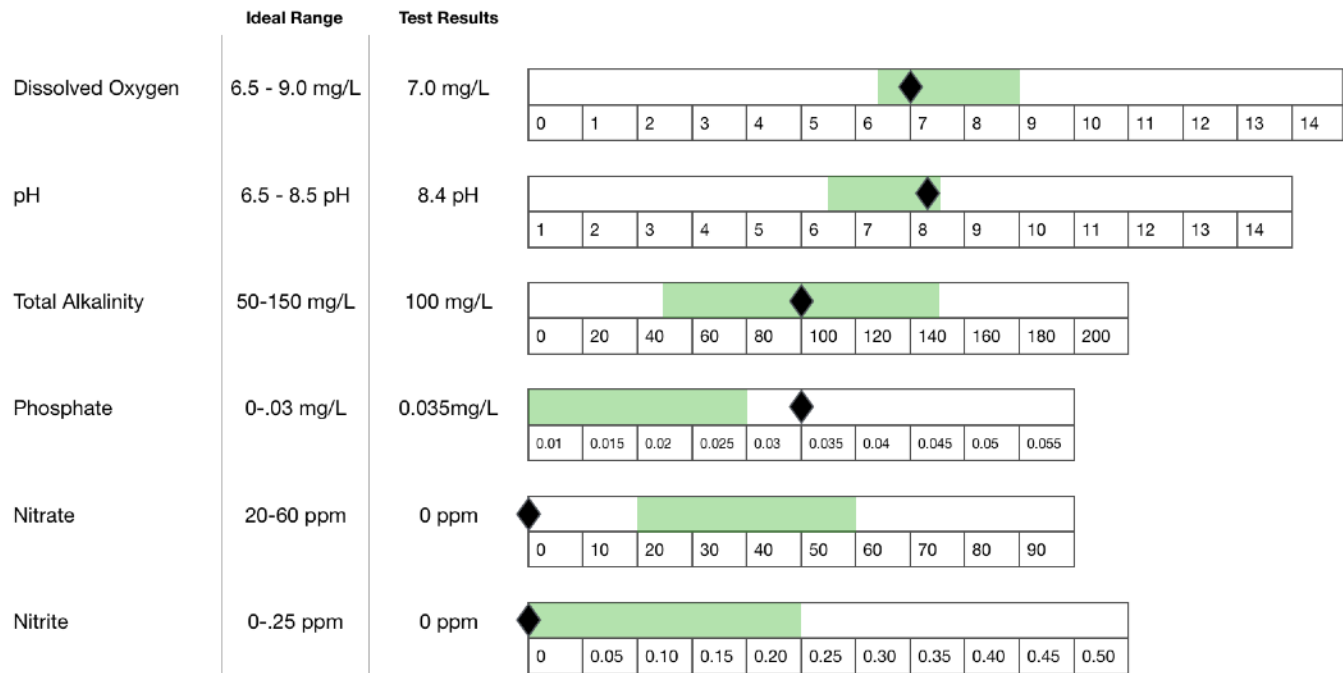
Picture 1



Picture 2

Sample Collected: 4/20/2023 @ 10:21AM
Weather Conditions: Cloudy 63°F

Figure 1:



Note: The water test results estimated above are collected for the applicator’s informational purposes to assess the potential for vegetation growth and are not evaluated by an accredited or certified laboratory. Water chemistry can vary day to day with weather conditions and site conditions.

To learn more about some testing parameters, see links below:

- <https://www.epa.gov/national-aquatic-resource-surveys/indicators-dissolved-oxygen>
- <https://www.epa.gov/national-aquatic-resource-surveys/indicators-nitrogen>
- <https://www.epa.gov/national-aquatic-resource-surveys/indicators-phosphorus>
- <https://www.epa.gov/caddis-vol2/ph>