

# Lake Monitoring 2023



Prepared for Lake Tishomingo by Gateway Lake Management LLC  
Visit Date: Friday 6/2/2023

## Visit 5 Observations

The lake is in good shape. Water clarity is the biggest surprise of the visit, with 5-7 feet of visibility throughout the lake. This is higher visibility than in previous visits. Vegetation is at a minimum with very little filamentous and a slight planktonic bloom. Once again no submersed weeds were detected anywhere on the lake. Baitfish were plentiful and seen in many locations around the perimeter.

The lake did appear to have a bit of surface film or detritus on top in some locations. This was mostly tree pollen and dead midges/gnats (as seen in picture 1). In another cove on the west side the surface debris was mostly grass clippings (as seen in picture 2).

Dissolved oxygen has rebounded and was at 6.4 mg/L which is an improvement from last time. Although it appears to have some imperfections in the aesthetics of the lake those issues are minor and the lake is itself in great shape.

## Water Testing

The water test was collected near the center of the lake.

(Continued on page 2)



Picture 1

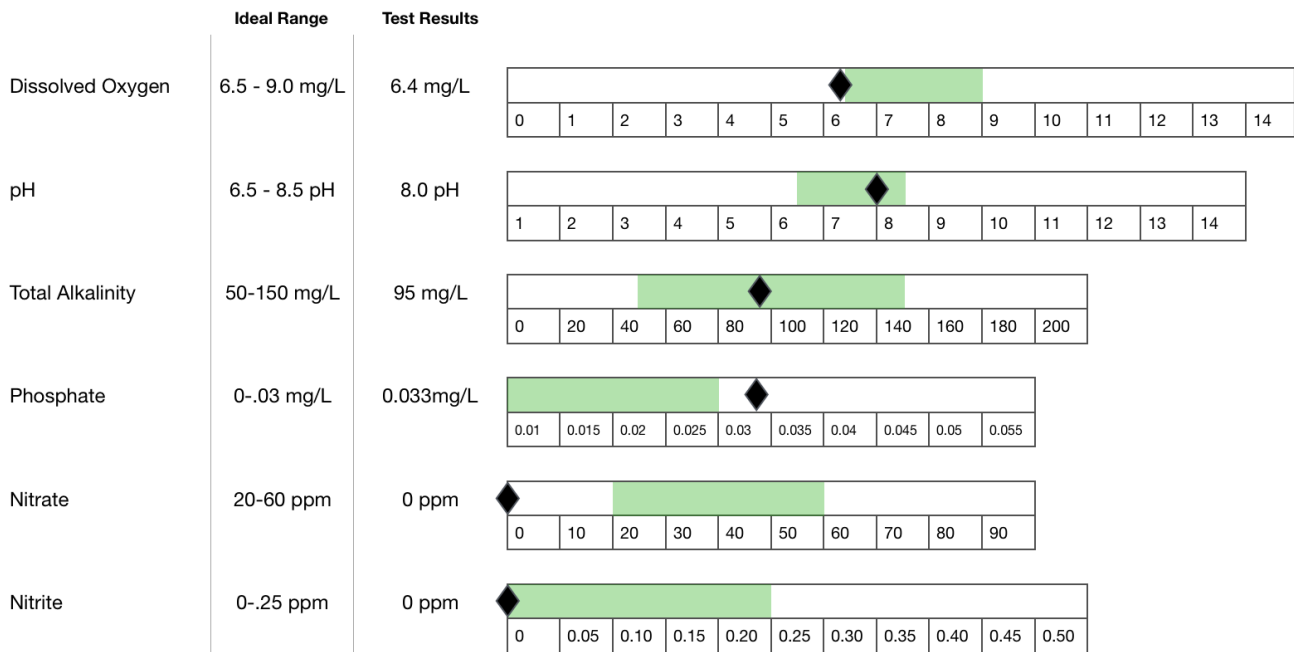


Picture 2

**Sample Collected:** 6/2/2023 @ 8:42AM

**Weather Conditions:** Sunny 71°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>