

# Lake Monitoring 2024



Prepared for Lake Tishomingo by Gateway Lake Management LLC  
Visit Date: Monday 6/24/2024

## Visit 6 Observations

The lake is looking good even with high's in the mid 90's for the past couple weeks. Vegetation density is low. Water clarity is excellent with 4-5 foot on the boat ramp side and 8ft+ on the dam side. The planktonic bloom is once again reduced further adding to this increased clarity.

The throw rake continues to come up empty all over showing no signs of submersed weed growth. What has appeared on this visit is a very minor amount of oscillatoria algae (as seen in Picture 1). It should be noted that this is a type of cyanobacterium and I will continue to look for any increase in density and report back. The planktonic bloom is in the same cyanobacterium category and any increase in density will be noted.

Fish are very active right now and most have moved off the spawning beds. With high oxygen readings at 7.2mg/l they should be actively feeding around structure. Docks are providing great cover for bait fish and many were seen covered with small minnows (as seen in Picture 2).



Picture 1



Picture 2

(Continued on page 2)

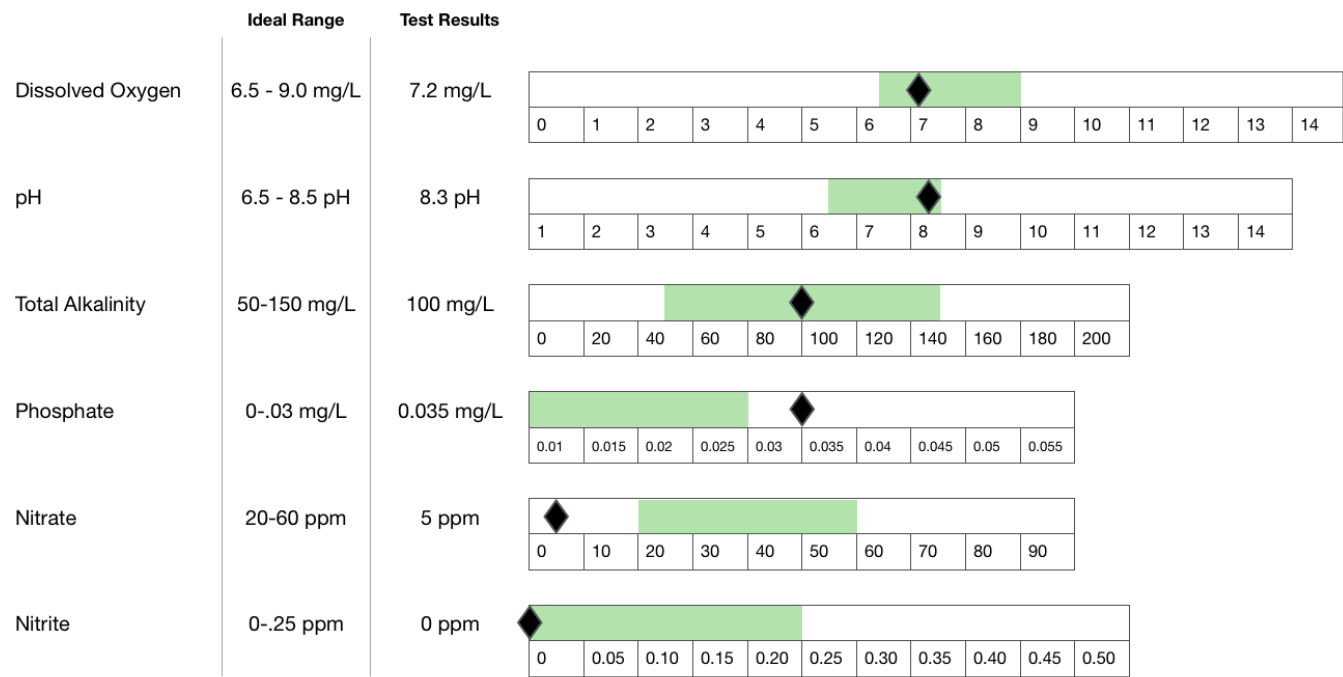
## Water Testing

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

**Sample Collected:** 6/24/2024 @ 9:51AM

**Weather Conditions:** Sunny 82°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>