

# Lake Monitoring 2024



Prepared for Lake Tishomingo by Gateway Lake Management LLC  
Visit Date: Wednesday 9/4/2024

## Visit 11 Observations

This week is bringing much cooler temperatures as we begin the fall season. Water temperatures are dropping and that will cause vegetation such as the slight planktonic bloom present to naturally die off. The water visibility is down to 2-3 feet, and this is most likely from the breakdown of detritus and existing vegetation. During the last visit filamentous algae was observed growing on rocks near the dam which has since died off (as seen in Picture 1).

Overall the lake is in great shape with no submersed weeds present and dissolved oxygen still good for this time of the year at 7.8 mg/l. Some pollen is present on the surface and can be easily seen in the wind-blown coves (as seen in Picture 2). This should diminish with a good rainfall as it degrades.

A decent amount of mosquito larvae was seen on the surface in most backwater areas. Insect repellent or clothing that covers well is recommended to fisherman and those out on the water.

(Continued on page 2)



Picture 1



Picture 2

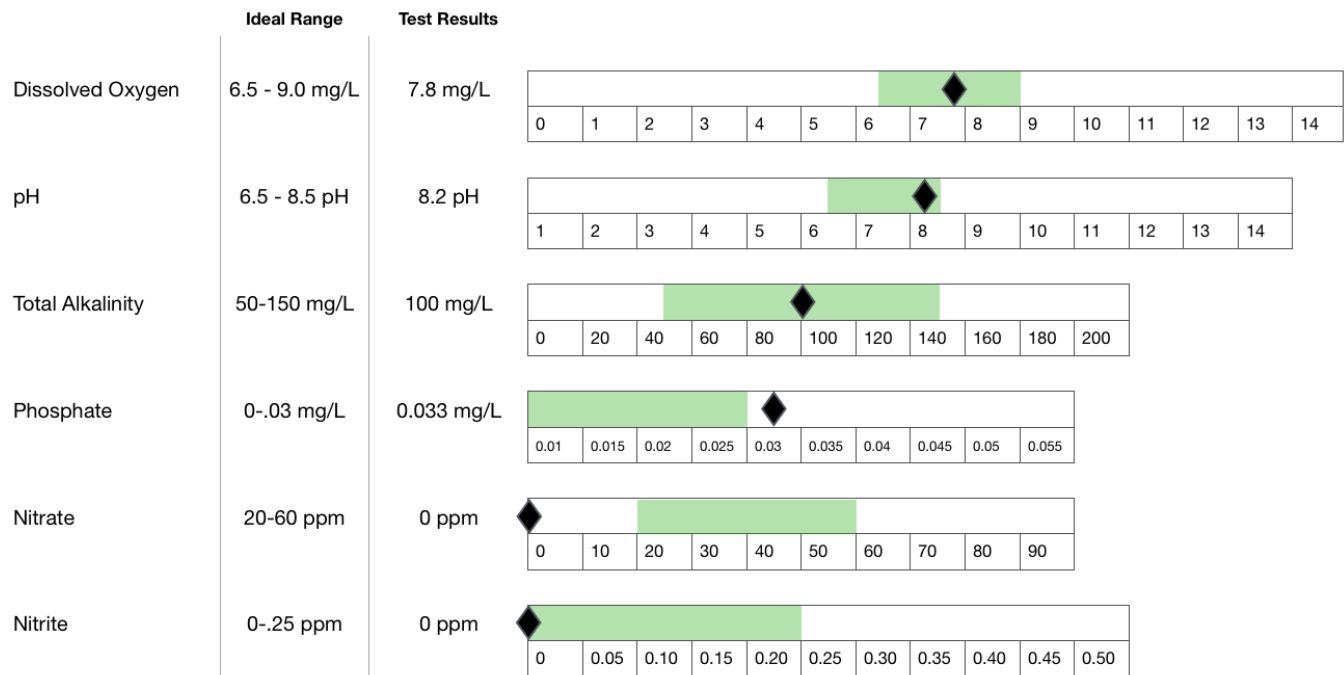
## Water Testing

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

**Sample Collected:** 9/04/2024 @ 9:37 AM

**Weather Conditions:** Sunny 67°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>