

# Lake Monitoring 2025



Prepared for Lake Tishomingo by Gateway Lake Management LLC

Visit Date: Thursday 7/17/2025

## Visit 8 Observations

Conditions on the lake have not changed much since last visit. Visibility has been slightly reduced to 2-3ft and appears cloudy. This is caused by a slight increase in the planktonic bloom. This upcoming week will be much hotter, bringing conditions that will be favorable to planktonic blooms.

The filamentous algae is reducing but still visible on shallow dock areas and rocks (as seen in Picture 1). The water's surface is clean of vegetation but has many mosquito pupal case discards. Residents are likely to see an increase in mosquitos based on this observation.

In shallow wind-blown coves, a small amount of film can be seen from detritus as it breaks down from natural processes (as seen in Picture 2). The weed rake continues to show no submersed vegetation.

Oxygen levels remain in ideal ranges and the aesthetics are great. It is a great time to enjoy everything this lake has to offer.

(Continued on page 2)



Picture 1



Picture 2

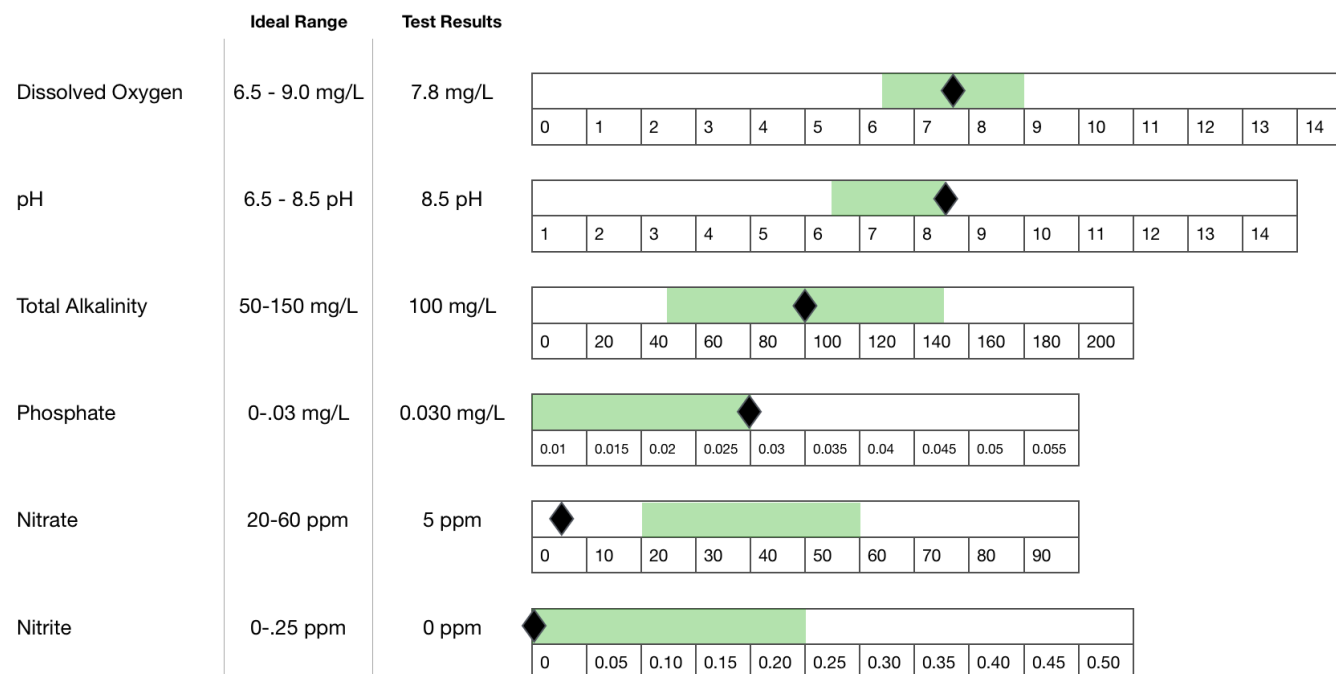
## Water Testing

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

**Sample Collected:** 7/17/2025 @ 10:02 AM

**Weather Conditions:** Mostly Cloudy 79°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>