

Lake Monitoring 2025



Prepared for Lake Tishomingo by Gateway Lake Management LLC

Visit Date: Tuesday 6/3/2025

Visit 5 Observations

Water levels have dropped since last visit and the debris is much less than before. Suspended sediment is still hanging around giving the lake lower visibility at about 2-3 feet. Aesthetically the lake looks muddy due to these conditions (as seen in Picture 1) but the overall health of the lake is good. Dissolved oxygen is high at 8.5 mg/l and pH is at 8.4 showing most parameters are in an ideal state.

Submersed weeds are still nowhere to be seen. The cooler water temperatures are helping keep the planktonic bloom away which normally would be coming on strong in June. The only detectable nuisance vegetation is a small amount of filamentous algae growing in some shallow rip rap areas (as seen in Picture 2).

More rain is in the forecast with cooler than average temperatures. I would expect these conditions to cause more suspended sediments and keep the lake a little cooler than most summers until we dry out and warm up.



Picture 1



Picture 2

(Continued on page 2)

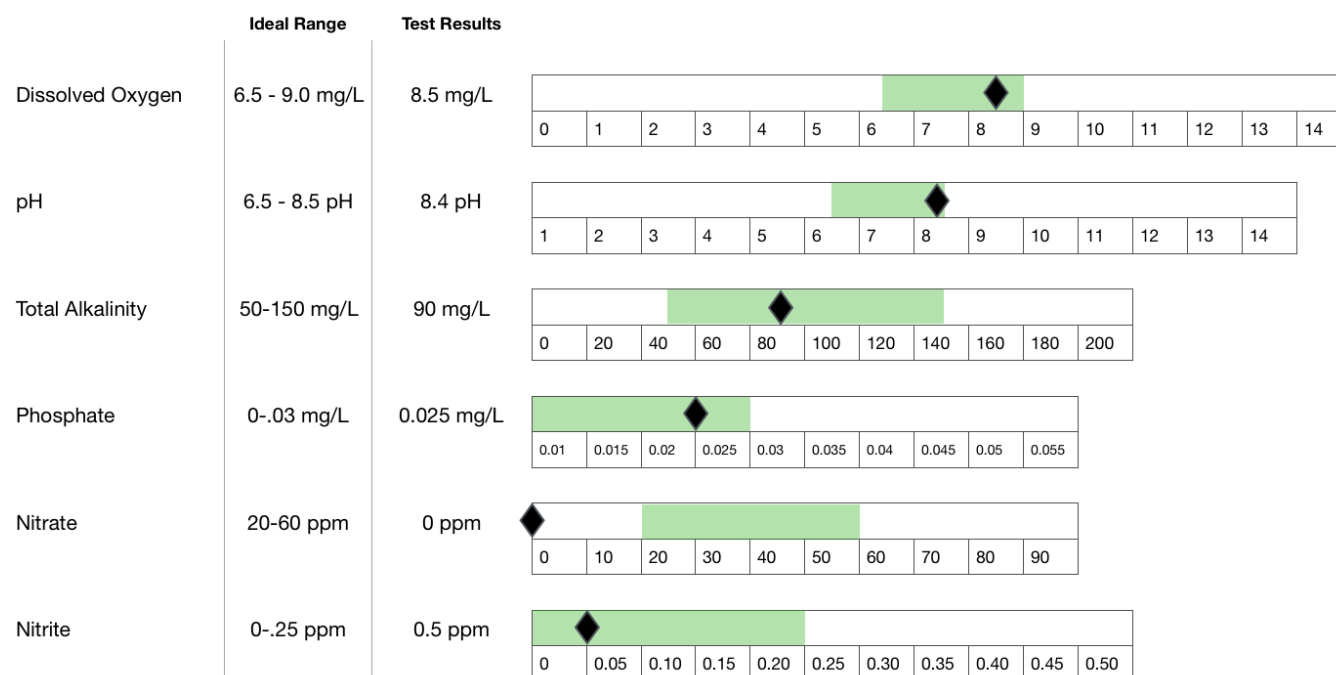
Water Testing

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

Sample Collected: 6/3/2025 @ 10:12 AM

Weather Conditions: Partly Cloudy 74°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>