

Lake Monitoring 2024



Prepared for Lake Tishomingo by Gateway Lake Management LLC

Visit Date: Tuesday 5/7/2024

Visit 3 Observations

The first visit in May came after some decent rains with more heavy rain expected for tomorrow. Water was murky with about 2 feet of visibility near the boat ramp and 3-4 feet by the dam. Debris from trees was the main issue with twigs and branches floating around the entire lake (as seen in Picture 1).

Filamentous algae was barely detected around some of the northern parts of the lake but much reduced from the previous visit. Planktonic algae was minimal. The throw rake was coming up empty with no weeds present in any of the coves.

High water levels are causing some issues with not only debris but also some anchored docks becoming partially submerged (as seen in Picture 2). Boaters should be cautious as some larger limbs and tree parts are floating in the main lake and that trend will continue with more heavy rain expected.

Overall the lake has minimal vegetation and water parameters are good with nutrient levels in check and oxygen levels high. I would expect fishing conditions to improve later in May once these cold fronts pass over and water temperatures climb into the 70's.



Picture 1



Picture 2

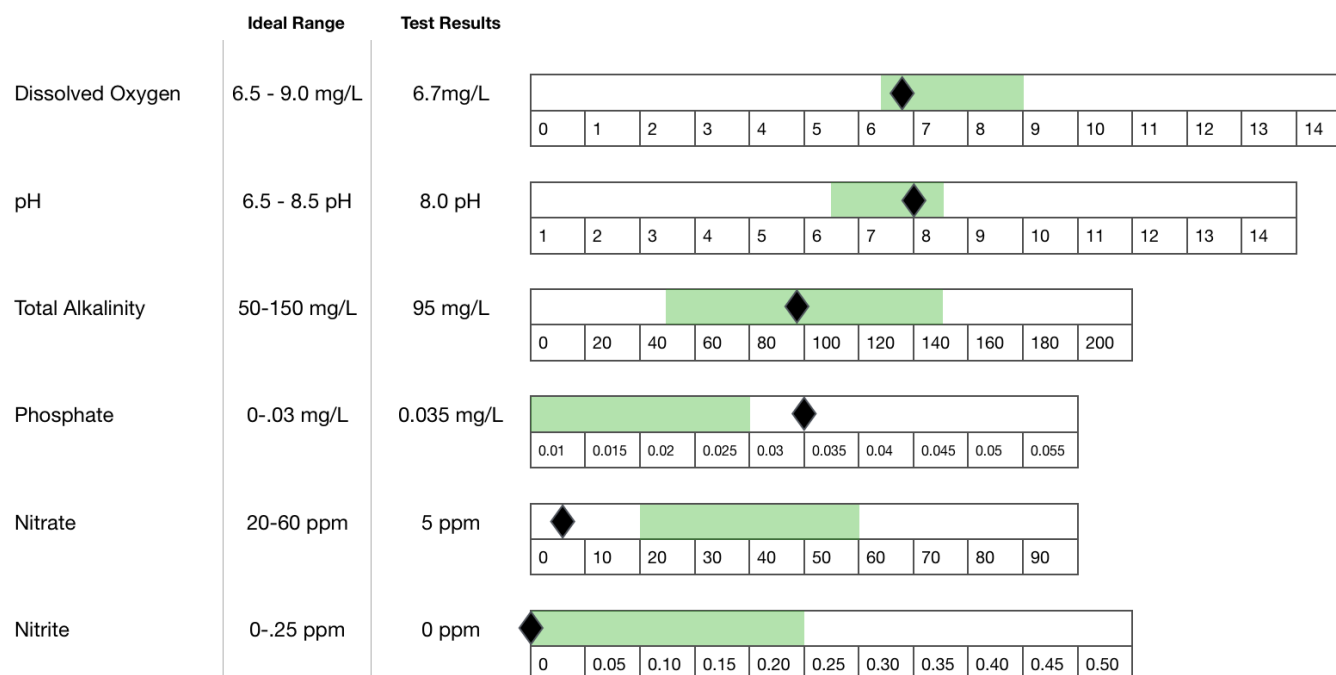
Water Testing

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

Sample Collected: 5/7/2024 @ 10:13AM

Weather Conditions: Partly Sunny 70°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>