

Lake Monitoring 2023



Prepared for Lake Tishomingo by Gateway Lake Management LLC
Visit Date: Wednesday 7/5/2023

Visit 7 Observations

Water clarity on the southern half of the lake has been reduced from last visit. This comes primarily from the mild planktonic algae bloom and winds blowing from the north. This gives the water a greener hue and the individual suspended algae particles block visibility (as seen in Picture 1).

Filamentous algae is starting to come back slightly on rip rap and submerged rock in shallow waters. Very minor, but still a noticeable form of vegetation (as seen in Picture 2).

The overall look and conditions of the lake are good. Surface debris is reduced, most likely from recent rainfall. Weeds such as southern naiad and fine leaf pondweed are still going undetected throughout the lake, which is a vast improvement from this time last year. Dissolved oxygen levels are better than they have been and baitfish are still plentiful.

Water Testing

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

(Continued on page 2)



Picture 1



Picture 2

Sample Collected: 7/5/2023 @ 10:55AM

Weather Conditions: Sunny 82°F

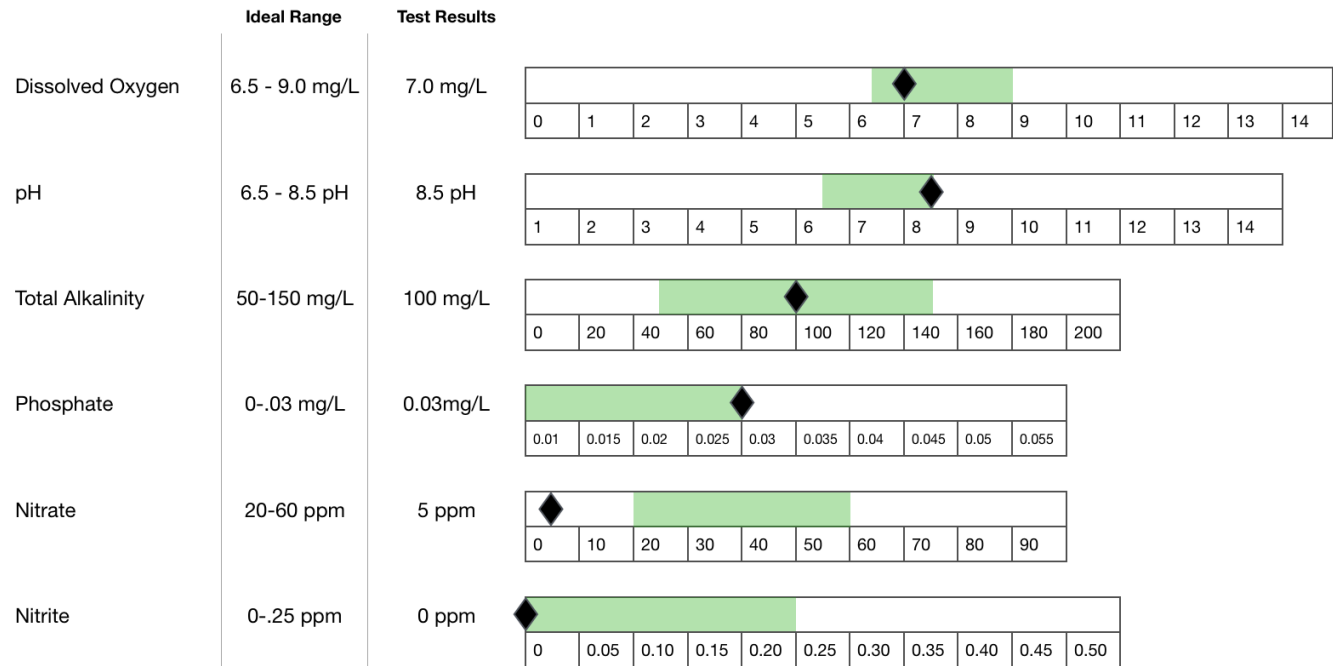


Figure 1:

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>