

Lake Monitoring 2024



Prepared for Lake Tishomingo by Gateway Lake Management LLC

Visit Date: Tuesday 8/20/2024

Visit 10 Observations

Cooler temperatures are bringing in a change in season. With temperatures dropping into the 80s and 70s, the change in temperature is causing the planktonic bloom to decrease. The oscillatoria algae that was present the past month has completely gone away. In its place is a small amount of cool season filamentous algae growing in shallow areas on the rocks (as seen in Picture 1).

The weed rake is coming up empty and the debris from heavy rains is no longer present or causing issues on the lake. The only thing visible on the lake's surface is a small amount of film in the wind-blown coves (as seen in Picture 2). This is usually caused from yard clippings that get blown into the lake.

Visibility is at about 4-5 feet and oxygen levels remain good. Conditions have improved overall and should continue to improve as we get cooler with fall approaching. Fishermen were seen with several nice bass and panfish in their live wells. These transition times are excellent for fishing and recreational opportunities.

(Continued on page 2)



Picture 1



Picture 2

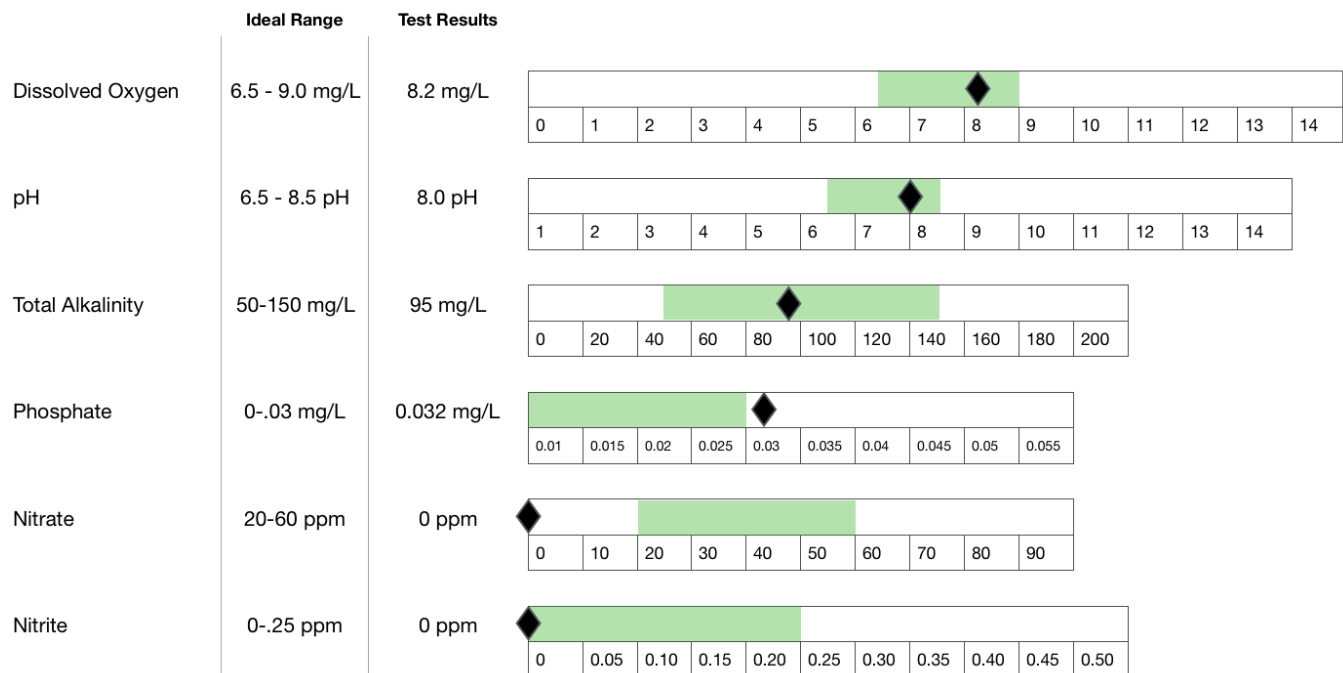
Water Testing

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

Sample Collected: 8/20/2024 @ 10:55 AM

Weather Conditions: Sunny 76°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>