

Lake Monitoring 2024



Prepared for Lake Tishomingo by Gateway Lake Management LLC

Visit Date: Tuesday 8/6/2024

Visit 9 Observations

This week's visit shows little change since the last. High heat and sporadic showers have taken over since heavy rain pushed in nutrients in July. The lake has a noticeable planktonic algae bloom that has spread to about 60% coverage (as seen in Picture 1). Visibility is at about 3-4 feet and oxygen levels remain high at 8.6 mg/l. The planktonic bloom can be unsightly, but it shows the lake is highly productive and beneficial for growing fish.

The weed rake is still coming up completely empty. Although some areas have a bloom occurring, overall conditions are decent. Backs of wind-blown covers show the worst vegetation coverage (as seen in Picture 2). Cooler temperatures and rain are expected and that should help decrease this bloom significantly.

(Continued on page 2)



Picture 1



Picture 2

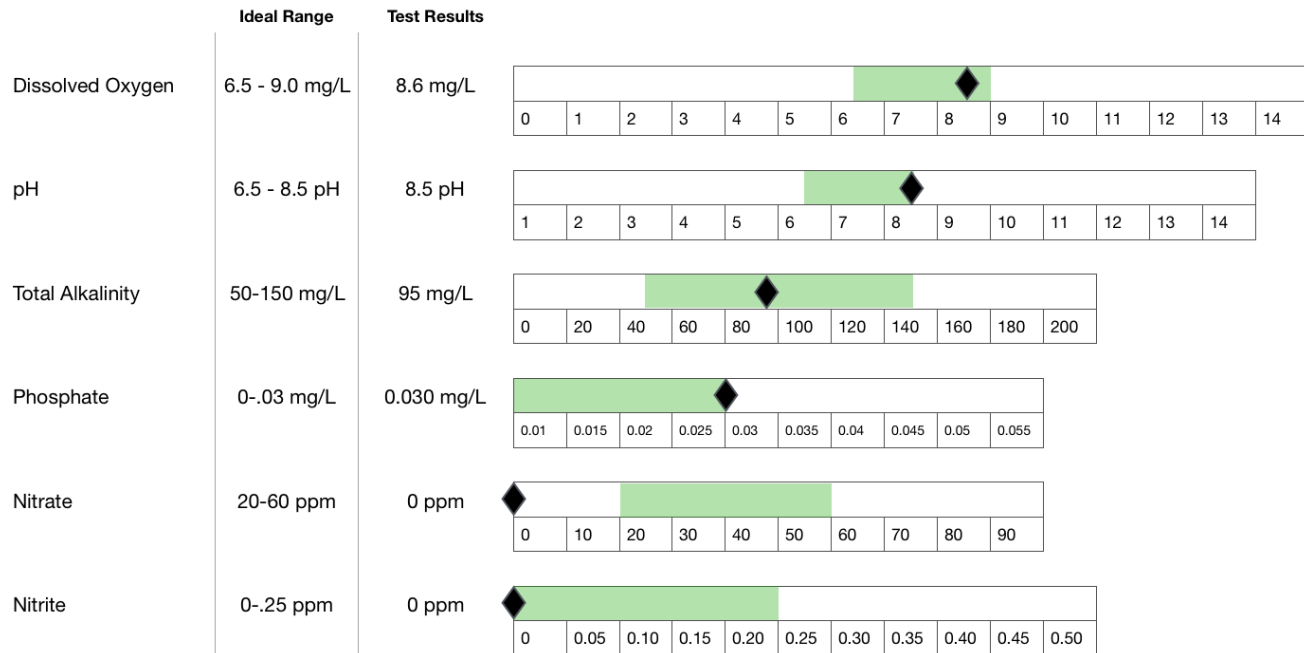
Water Testing

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

Sample Collected: 8/6/2024 @ 10:33 AM

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>