

# Lake Monitoring 2023



Prepared for Lake Tishomingo by Gateway Lake Management LLC

Visit Date: Thursday 5/4/2023

## Visit 3 Observations

We haven't had much rain over the last few weeks and the lake is reflecting that. Pollen is settled on the surface and becomes thick in wind blown coves.

The planktonic bloom is on the moderate side and gives the water a green hue as seen in picture 1. Tossing the rake in various places shows a small amount of filamentous algae as seen in picture 2. The great news is that southern naiad and pondweed is not present. Other lakes I manage that grow naiads and pondweeds have already got a decent amount to spray.

There was 1 large dead grass carp but was likely due to old age judging by the size. Water willow is now about 2-3 inches above the surface. Fishermen will be happy with the fish growth related to the planktonic and boaters will enjoy not having to clean off props. For now things are looking alright heading into May.

## Water Testing

The water test was collected in the center of the lake. Overall conditions have had minimal changes since the last visit.

(continued on page 2)



Picture 1

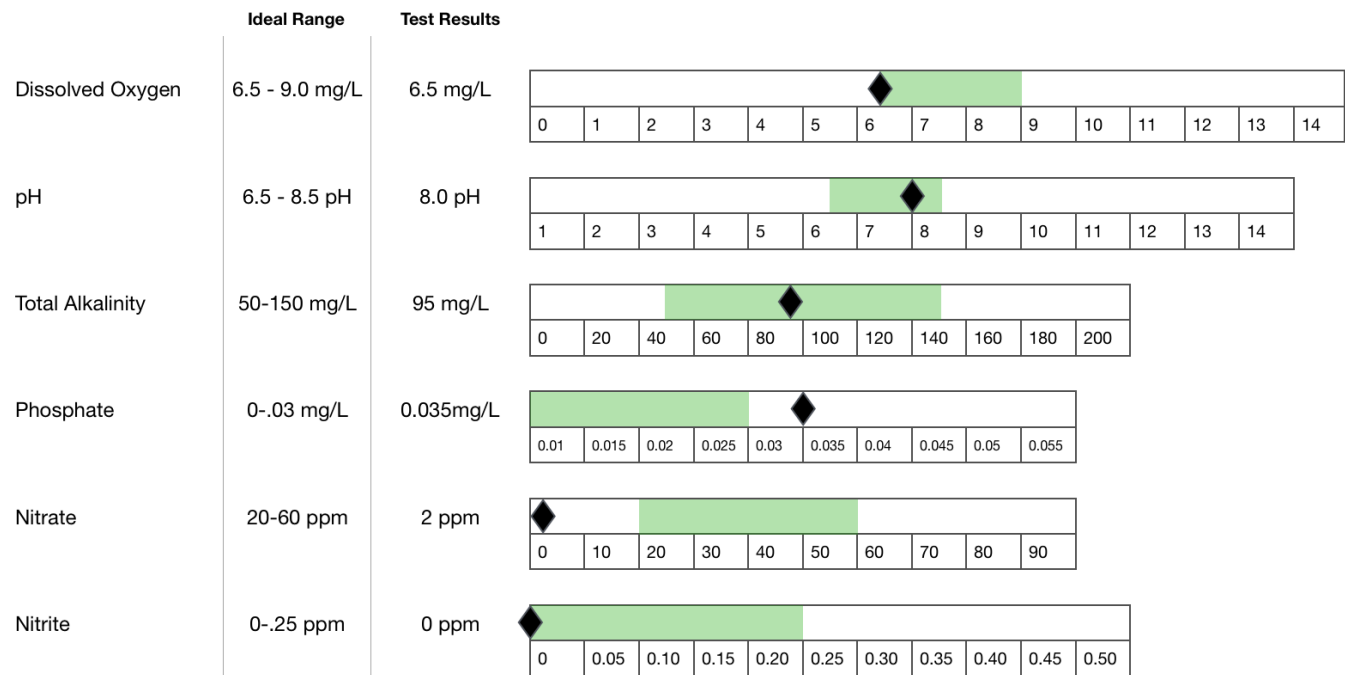


Picture 2

**Sample Collected:** 5/4/2023 @ 10:42AM

**Weather Conditions:** Sunny 69°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>