

# Lake Monitoring 2023



Prepared for Lake Tishomingo by Gateway Lake Management LLC

Visit Date: Tuesday 6/20/2023

## Visit 6 Observations

Water clarity continues to improve on this visit with some areas as great as 7-8ft depth of visibility. The north area around the dam and some eastern shores look the best. The western coves have some planktonic algae growth that the wind is blowing around causing it to build up in the backs of these coves (as seen in picture 1).

Filamentous algae growth is also slightly up with minor growth around rip rap shorelines (as seen in picture 2). Some vegetation growth is desirable because it contributes to the food chain. Without any vegetation at all fish growth would not be as good.

The conditions present are excellent for a recreational lake. Surface debris is slightly reduced from last visit but pollen and cottonwood seeds are still present. Small baitfish and minnows were very plentiful schooling around docks and even out in open water (as seen in picture 3). The throw rake was used in just about every cove coming up free of weeds. Looking great heading into July.

## Water Testing

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

(Continued on page 2)



Picture 1



Picture 2

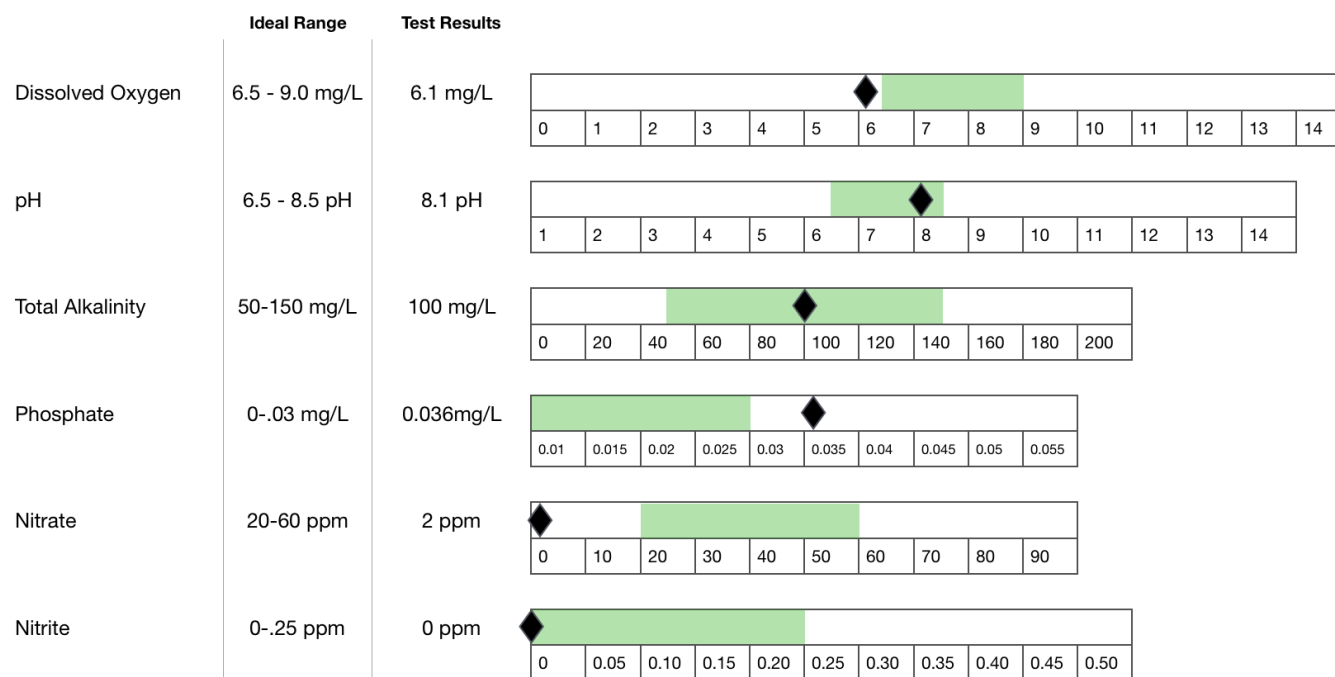


Picture 3

**Sample Collected:** 6/20/2023 @ 10:16AM

**Weather Conditions:** Sunny 77°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>