

Lake Monitoring 2023



Prepared for Lake Tishomingo by Gateway Lake Management LLC

Visit Date: Wednesday 7/19/2023

Visit 8 Observations

Rains have been hitting the area hard which helps to refill the lake to full pool, but in the short term the water has greatly reduced clarity. The southern 20% of the lake around the boat launch is very muddy/murky from the creek that feeds the lake. Visibility is around 1-2 feet (as seen in picture 1). The northern 80% of the lake has reduced clarity but isn't as bad at about 3 feet of visibility.

The planktonic bloom has been knocked out by the rains and filamentous algae is very scarce. The throw rake came up clean and free of weeds all around the lake. Vegetation wise the lake is excellent on this visit. Aesthetics wise the rains have caused some woody debris to be washed in, which is floating around the lake and congregating in wind-blown coves (as seen in picture 2). Things are going along great as we enter August.

Water Testing

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

(Continued on page 2)



Picture 1

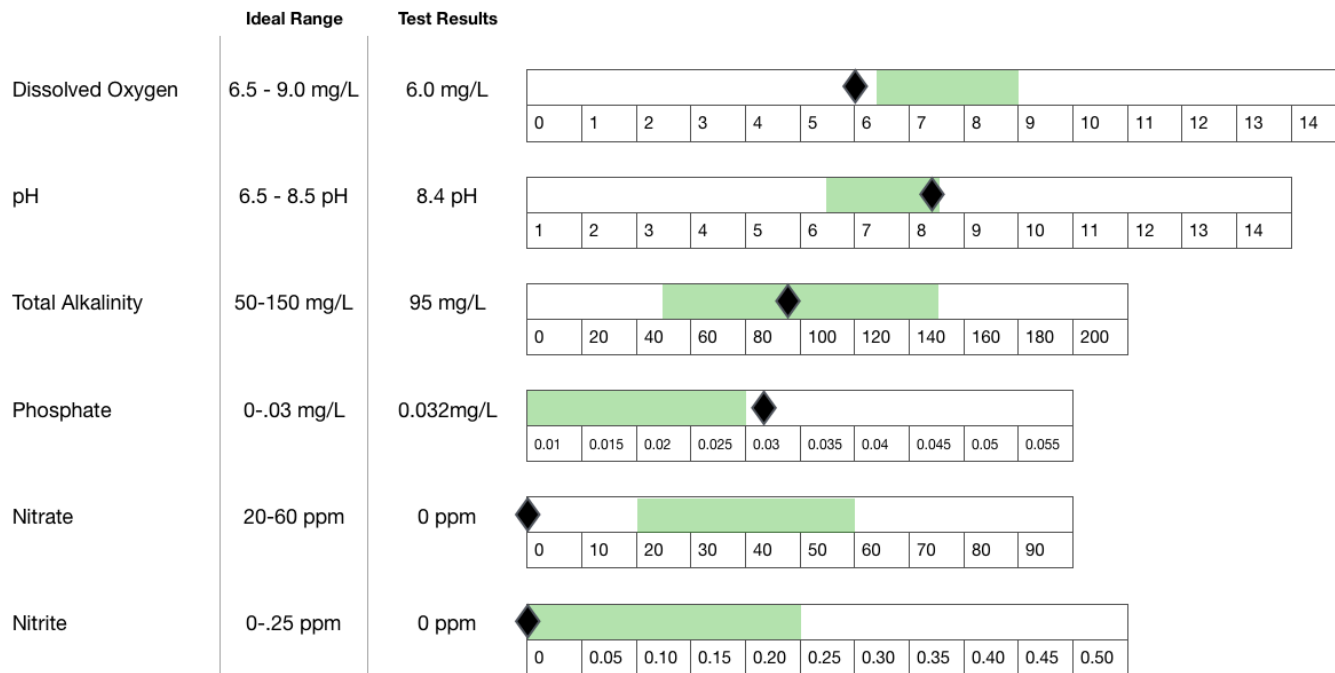


Picture 2

Sample Collected: 7/19/2023 @ 9:50AM

Weather Conditions: Partly Cloudy 78°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>