

Lake Monitoring 2023



Prepared for Lake Tishomingo by Gateway Lake Management LLC

Visit Date: Friday 8/4/2023

Visit 9 Observations

Despite the rains increasing and more on the horizon, the lake has 3-4 feet of visibility. Weeds are still non-existent and the throw rake is coming up completely clean all over the lake. From an aesthetics point of view the lake looks good (as seen in picture 1).

Boaters and fisherman can enjoy a weed free nice looking lake. Bass, bluegill, and baitfish continue to be plentiful and are easy to spot all over.

However, a minor planktonic bloom is slowly gaining traction. The southern 30% of the lake looks free of this bloom but in the rest of the lake it can be detected to some degree. In most areas you can only see it as tiny specs of green suspended in the water column (as seen in picture 2). When these specs reach high volumes, they coagulate and settle on the surface (as seen in picture 3). August is usually the worst month for planktonic blooms as temperatures rise. These blooms usually die off at some point in September as night temperatures drop into the 50s.

Water Testing

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

(Continued on page 2)



Picture 1



Picture 2

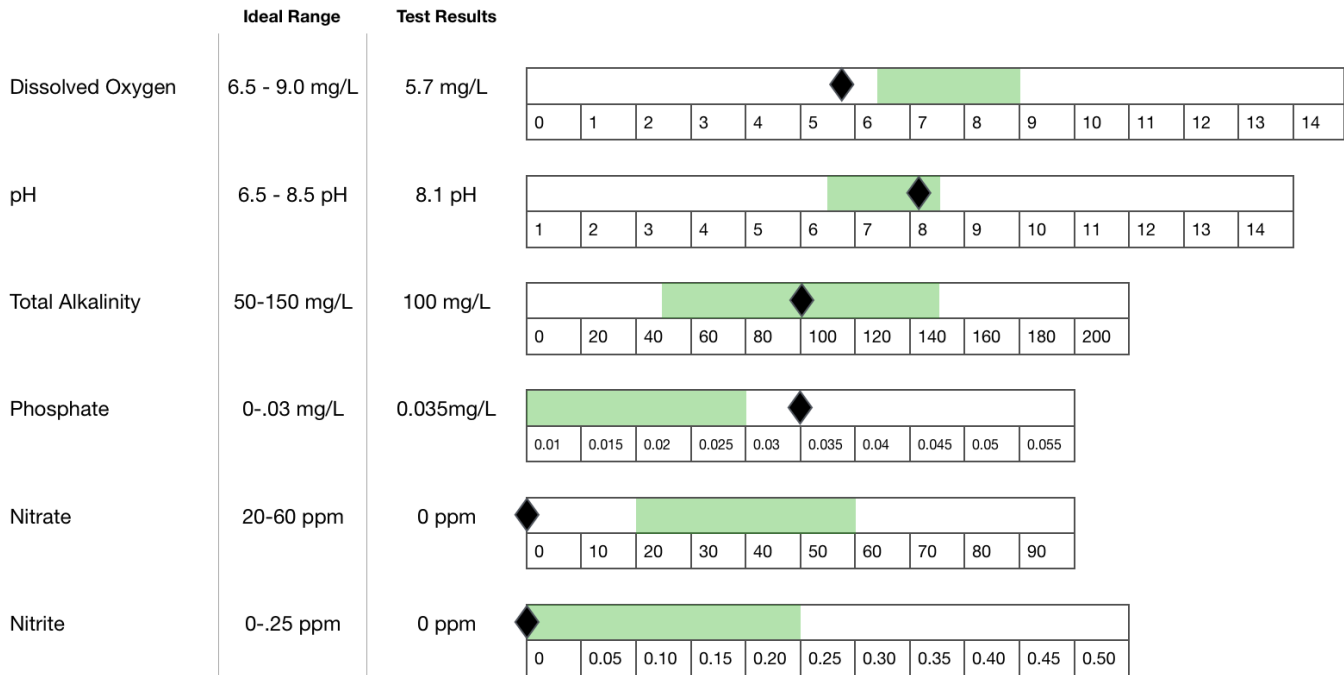


Picture 3

Sample Collected: 8/4/2023 @ 10:12AM

Weather Conditions: Cloudy 75°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>