

September 2026

Lake Water Quality Report – At a Glance

Parameter	What It Means	Current Result	Status
Water Temperature	Influences fish metabolism and species suitability	70.9°F (average)	Cooler than August's 77.3°F, reflecting a seasonal decline in water temperature. Conditions remain generally favorable for warm-water fish species such as bass, bluegill, and crappie.
Water Clarity (Transparency)	How far light penetrates the water; indicates sediment and algae levels	1 ft (12 inches)	Clarity decreased significantly from August's 24 inches. This reduction may indicate increased algae, suspended materials, or other factors affecting transparency. Continued monitoring is recommended to determine whether this decline persists.
Water Color	Can indicate algae presence or suspended materials	Olive green	The olive-green coloration remains consistent with August. This may indicate the continued presence of algae or suspended materials. Monitoring is recommended alongside the decline in water clarity.
pH Level	Measures how acidic or alkaline the water is	7.83–8.40	The water remains slightly alkaline, with readings generally suitable for freshwater aquatic life. The range is comparable to August's readings, suggesting relatively stable pH conditions.
Oxygen Saturation	Percent of oxygen available in water relative to saturation	95.52% (average)	Oxygen saturation decreased from August's 99% but remains high, indicating generally good oxygen availability for aquatic life.

Dissolved Oxygen	Direct measurement of usable oxygen in water	7.61 mg/L (average)	Very good. Dissolved oxygen increased from August's 7.43 mg/L, indicating an improvement in measured oxygen concentration. This level generally supports healthy fish populations and aquatic habitat.
Invasive Mussel Check	Detects harmful species such as zebra or quagga mussels	None detected	No invasive mussels were detected during the September inspection. Continued monitoring is recommended to help protect the lake's ecosystem.

Overall Assessment

September's water-quality results indicate that the lake continues to maintain generally favorable conditions for aquatic life, although the decline in water clarity warrants attention. The average water temperature decreased to 70.9°F from August's 77.3°F, reflecting seasonal cooling that remains generally suitable for warm-water fish species.

Dissolved oxygen improved from 7.43 mg/L in August to 7.61 mg/L in September, while oxygen saturation decreased from 99% to 95.52%. Both measurements indicate generally good oxygen availability. The pH range of 7.83–8.40 also remains relatively stable and slightly alkaline.

No invasive mussels were detected, which is encouraging for the continued protection of the lake's ecosystem.