

July 2026

Lake Water Quality Report – At a Glance

Parameter	What It Means	Current Result	Status
Water Temperature	Influences fish metabolism and species suitability	77.82°F (average)	Continued warming trend; highly favorable for warm-water fish species (bass, bluegill, crappie). Trout habitat likely limited to deeper, cooler zones.
Water Clarity (Transparency)	How far light penetrates the water; indicates sediment/algae levels	1 ft 10 inches	Slight decrease in clarity compared to June (30 inches); may indicate increased suspended material, algae activity, or seasonal changes. Continued monitoring recommended.
Water Color	Can indicate algae presence or suspended materials	Light olive	Color remains consistent with June; suggests possible ongoing algae presence, but conditions remain stable.
pH Level	Measures how acidic or alkaline the water is	7.56 – 8.44	Healthy and stable; slightly alkaline conditions remain within the acceptable range for aquatic life.
Oxygen Saturation	Percent of oxygen available in water for aquatic life	105.81% (average)	Excellent — above full saturation, indicating very strong oxygen availability and productive aquatic conditions.
Dissolved Oxygen	Direct measurement of usable oxygen in water	7.80 mg/L (average)	Very good — remains supportive of healthy fish populations and aquatic habitat.
Invasive Mussel Check	Detects harmful species such as zebra or quagga mussels	None detected	No invasive mussels present.

Overall Difference Summary:

July showed **normal seasonal changes rather than major water quality shifts.**

Positive changes:

- Water temperature increased, improving habitat suitability for warm-water species.
- Oxygen saturation improved significantly, indicating excellent oxygen production and availability.
- pH remained stable and healthy.

Minor concerns to monitor:

- Water clarity declined from **30 inches to 22 inches**, which may indicate increased algae activity or suspended particles.
- Dissolved oxygen remained strong but was essentially unchanged despite warmer water temperatures.

Overall assessment:

The lake remained healthy from June to July 2026, with the biggest changes being warmer water temperatures and reduced clarity. Oxygen conditions stayed excellent, and there were no signs of invasive mussels or major water quality concerns. July conditions continue to support a strong warm-water fishery.