October 2026

Lake Water Quality Report – At a Glance

Parameter	What It Means	Current Result	Status
Water Temperature	Influences fish metabolism and species suitability	63.6°F (average)	Cooler than September's 70.9°F, consistent with seasonal cooling. October readings ranged from 62.9°F to 64.4°F across the sampled locations.
Water Clarity (Transparency)	How far light penetrates the water; indicates sediment and algae levels	1 ft (12 inches) at Marina	One-foot transparency was recorded at the Marina, matching September's reported value. No transparency readings were entered for the other October sampling locations.
Water Color	Can indicate algae presence or suspended materials	Olive (Marina)	Olive coloration was noted at the Marina, similar to September's olive-green observation. No color readings were entered for the other October sampling locations.
pH Level	Measures how acidic or alkaline the water is	7.26–8.55	The range is wider than September's 7.83–8.40. Most locations were slightly alkaline. The lowest pH was at the Marina (7.26), and the highest was at Fishing Area 3 (8.55).
Oxygen Saturation	Percent of oxygen available in water relative to saturation	94.75% (average)	Slightly below September's 95.52% average. Individual October readings ranged from 85.0% to 102.8%, with variation across sampling locations.
Dissolved Oxygen	Direct measurement of usable oxygen in water	8.27 mg/L (average)	Improved from September's 7.61 mg/L average. Individual readings ranged from 7.43 to 9.04 mg/L, indicating generally favorable oxygen availability at sampled locations.
Invasive Mussel Check	Detects harmful species such as zebra or quagga mussels	None Detected	South End entries indicate none for quagga, zebra, and golden mussels. North End entries indicate none for zebra and golden mussels. Most other locations had no mussel entries, so a lakewide absence cannot be confirmed from these sheets.

Overall Assessment

October's field measurements from 11 lake locations show generally favorable oxygen availability and continued seasonal cooling. Average water temperature was 63.6°F, compared with 70.9°F in September. At the Marina, transparency was recorded at 1 foot, matching September's reported value, and water color was noted as olive. Other October locations did not have clarity or color entries.

Dissolved oxygen averaged 8.27 mg/L, an increase from September's 7.61 mg/L, while oxygen saturation averaged 94.75%, slightly below September's 95.52%. The pH readings ranged from 7.26 to 8.55, a wider range than September's 7.83–8.40. These comparisons are based on the October field measurements recorded in the supplied sheets.

At the South End, no quagga, zebra, or golden mussels were noted. The North End recorded no zebra or golden mussels, but most locations did not include mussel observations. Continued monitoring is recommended for invasive mussels, water clarity, and site-to-site pH variation.