

February 2026 Lake Water Quality Report

(Samples taken at 2 feet)

What We Measured	What It Means	Current Result	Status
Water Temperature	Indicates how warm the water is — different fish thrive in different temperature ranges.	52.8°F (average)	Ideal for trout and other cold-water species; cool for warm-water fish.
Water Clarity (Transparency)	How far down we can see — lower clarity may indicate algae or sediment.	2 ft	Below typical clarity (20–25"); likely due to algae or suspended sediment.
Water Color	Can indicate algae or sediment presence.	Light Olive	Suggests mild to moderate algae presence — monitoring continues.
pH Level	Measures how acidic or basic the water is.	7.62–9.04	Generally safe, though upper readings are slightly elevated.
Oxygen Saturation	Indicates how much oxygen the water holds compared to its maximum capacity.	111.6% (average)	Supersaturated; indicates increased photosynthesis from algae/plants.
Dissolved Oxygen	Shows the actual amount of oxygen available in water (mg/L).	11.16 mg/L (average)	Very healthy levels that strongly support fish and wildlife.
Invasive Mussels Check	Checks for harmful species like Zebra or Quagga mussels.	None detected	No invasive mussels found — monitoring continues.

What Residents Should Know

• Fish & Temperature Conditions:

The average water temperature of 52.8°F continues to support cold-water fish such as trout. Warm-water species like bass and bluegill may remain less active in these cooler conditions, but overall the temperature is within a healthy range for the lake's fish populations.

• Water Clarity & Color:

Clarity measured 2 feet, which is below the typical 20–25 inch range, indicating reduced visibility. The light olive color suggests mild to moderate algae presence or suspended sediment. While this reduces visibility, it is not currently a health risk for aquatic life.

• Oxygen Levels:

Dissolved oxygen averaged 11.16 mg/L, which is very healthy and strongly supports fish and other aquatic organisms. Oxygen saturation of 111.6% indicates active photosynthesis, likely from algae or aquatic plants. Overall, the lake's oxygen conditions are excellent.

• pH Balance:

The pH range of 7.62–9.04 remains generally safe for fish and aquatic life. The upper end is slightly elevated, consistent with increased biological activity, but no immediate concerns are indicated.

• Invasive Species:

No Zebra, Quagga, or other invasive mussels were detected. Ongoing monitoring and preventive measures continue to protect the lake.