










Lake Water Quality Report – Easy Summary

What We Measured	What It Means	Current Result	Is It Okay?
Water Temperature	How warm the water is — different fish prefer different temperatures.	62.7°F	 A bit cool for bass/bluegill, but great for trout!
Water Clarity (Transparency)	How far down we can see in the water. Changes can signal algae or sediment.	19 inches	 Normal for our lake — no issues.
Watercolor	The color can show if there's algae or dirt in the water.	Olive	 Might be algae starting — we're watching it.
pH Level	Informs if the water is too acidic or too basic.	8.30	 It's in the safe zone for fish and plants.
Oxygen in Water	Fish and other creatures need oxygen to survive.	99.2% (saturation)	 Excellent! Plenty of oxygen.
Dissolved Oxygen	Another way to check oxygen levels.	8.78%	 Healthy for fish and wildlife.
Invasive Mussels Check	Checks for harmful mussels that damage lakes.	Negative (none found)	 Great! No mussels were detected.

What Residents Should Know

- Different fish like different water temperatures:
 -  **Trout** prefer colder water: **50–60°F**
 -  **Largemouth bass, bluegill, and crappie** prefer warmer water: **70–80°F**
- Water doesn't need to be crystal clear — we monitor clarity for signs of algae or sediment changes.
- Wind and sunshine affect how water moves and how much oxygen it holds.
- Green or olive-colored water can mean algae growth — we're keeping an eye on it.
- No sign of invasive mussels like Zebra or Quagga — regular testing help protect our lake.