



Lake Water Quality Report – At a Glance

What We Measured	What It Means	Current Result	Is It Okay?
Water Temperature	How warm the water is — different fish prefer different temperatures.	73.5°F (average)	<input checked="" type="checkbox"/> Ideal for bass and bluegill; a bit warm for trout.
Water Clarity (Transparency)	How far down we can see into the water — low clarity can signal algae or sediment.	2FT (South End)	<input checked="" type="checkbox"/> Normal clarity — no issues.
Watercolor	Can show signs of algae or dirt in the water.	Mostly Olive	<input type="checkbox"/> ⚠ Olive tint might suggest algae — being monitored.
pH Level	Tells us if the water is too acidic or too basic.	6.89 to 7.86	<input checked="" type="checkbox"/> All within safe range for aquatic life.
Oxygen in Water	Fish and other creatures need oxygen to survive.	Up to 95.9% saturation	<input checked="" type="checkbox"/> Excellent oxygen levels throughout.
Dissolved Oxygen	Another way to measure how much oxygen is in the water.	Around 7.23 mg/L	<input checked="" type="checkbox"/> Healthy for fish and wildlife.
Invasive Mussels Check	Looks for damaging species like Zebra or Quagga mussels.	Negative (none found)	<input checked="" type="checkbox"/> Great! No mussels detected.

What Residents Should Know

- **Fish have temperature preferences:**
 -  Trout like it colder: **50–60°F**
 -  Largemouth bass, bluegill, and crappie thrive in **70–80°F**
- **Clarity around 20–25 inches** is typical — helps us spot early signs of algae or runoff.
- **Olive-colored water** could mean algae is present — we're keeping an eye on it.
- **Oxygen levels are excellent**, thanks to natural factors like wind and sunlight.
- **Invasive mussels** (Zebra, Quagga, Golden) have **not** been found — we're staying vigilant.