

## March 2026 Lake Water Quality Report

*(Samples taken at 2 feet)*

<b>What We Measured</b>	<b>What It Means</b>	<b>Current Result</b>	<b>Status</b>
<b>Water Temperature</b>	Indicates how warm the water is — different fish thrive in different temperature ranges.	62.5°F (average)	Ideal for trout and other cold-water species; cool for warm-water fish.
<b>Water Clarity (Transparency)</b>	How far down we can see — lower clarity may indicate algae or sediment.	2 ft	Below typical clarity (20–25"); windy (~18 mph) and cloudy conditions during sampling likely reduced visibility.
<b>Water Color</b>	Can indicate algae or sediment presence.	Light Green	Suggests mild to moderate algae presence — monitoring continues.
<b>pH Level</b>	Measures how acidic or basic the water is.	7.86-8.5	Generally safe, though upper readings are slightly elevated.
<b>Oxygen Saturation</b>	Indicates how much oxygen the water holds compared to its maximum capacity.	90.0% (average)	Supersaturated; indicates increased photosynthesis from algae/plants.
<b>Dissolved Oxygen</b>	Shows the actual amount of oxygen available in water (mg/L).	8.20 mg/L (average)	Very healthy levels that strongly support fish and wildlife.
<b>Invasive Mussels Check</b>	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 current water temperature continues to support cold-water fish such as trout. Warm-water species may be less active in these cooler conditions, but overall fish health remains stable.

### **• Water Clarity & Color:**

Clarity is currently at 2 feet, which is lower than typical conditions. The light green color indicates mild algae or suspended sediment. Windy and cloudy conditions at the time of sampling likely contributed to reduced visibility.

### **• Oxygen Levels:**

Oxygen levels remain strong, with both saturation and dissolved oxygen supporting a healthy aquatic environment.

### **• pH Balance:**

pH levels remain within a safe range. Slight increases are consistent with normal biological activity.

### **• Invasive Species:**

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