



Milton Reservoir Water Quality Report



July 08, 2025

Water Summary

Milton Reservoir is sampled twice a month between March and October and monthly between November and February. The Barr Lake and Milton Reservoir Watershed Association coordinates all the efforts to monitor, test, and improve the water quality in Milton. Regular lake sampling started in 2002.

July – Milton is showing signs of algal growth. There were some cyanobacteria that was caught in the smartweeds near the east shore where they get trapped. The open water did not show signs of any surface scum, but the algae is still there. The oxygen levels were lower than usually throughout the water column. Despite the water being green, it seemed that decomposition was greater than photosynthesis. The algae can get to the surface where the water is the warmest. The surface water temperature was 83 F ° was 10 degrees water than water just 3 feet below the surface. This is why different areas and different times the reservoir can look very different – water density driven by water temperatures.



Watershed News

Memberships are due by mid-July for the 2025/26 year. BMW Association has a great board of directors that include at-large positions. Contact BMW coordinator, Sami, if you are interested in joining BMW or want to be on the board. Keep up to date on Barr Lake and Milton Reservoir activities by going to www.barr-Milton.org.

Join BMW Association

BARR LAKE AND MILTON RESERVOIR ASSOCIATION

The BMW Association's mission is to improve the water quality by encouraging cooperation, involvement, and awareness with people living near and upstream of Barr Lake and Milton Reservoir.

You can learn more about the lakes and what is going on in the watershed by going to www.barr-milton.org.

Contact Sami Miller, watershed coordinator, at miller.sami@outlook.com.

Cooperation, Involvement, and Awareness

Water Quality Stats (as of 07-08-25)

Maximum Depth: 23.6 feet (dam outlet) Water Temperature: 73.7° F (taken 3 feet below surface)

Water Clarity: 1.0 feet (≥ 3 feet is good) Dissolved Oxygen: 83.1% (>80% is good)

pH: 8.02 Chlorophyll-a: <30.0 ppb (How green, ≤ 25 is good)

