Milton Reservoir Water Quality Report

March 11, 2025

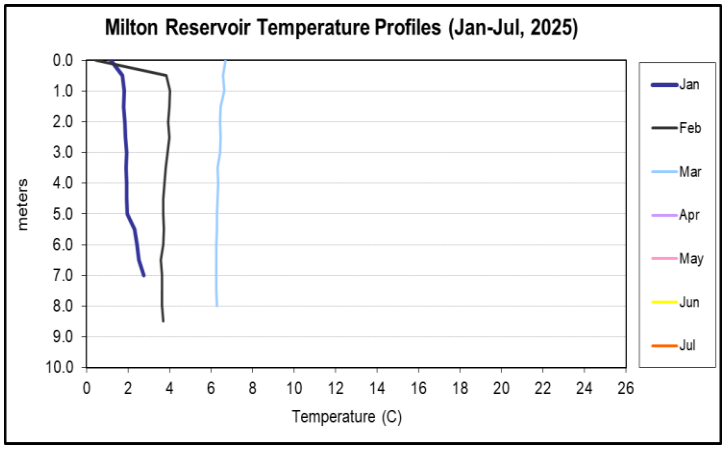
Water Summary

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.

March – Milton Reservoir was close to being full and was free of ice. Like Barr Lake, Milton had consistent water quality from the surface to the bottom because of the isothermal conditions. Milton is in the spring turnover phase. The water temperature will begin to slowly increase as the days get longer and warmer. Spring is an important season at Milton. We will see how clear Milton will get this spring and for how long. In recent years, Milton has had a shorter and shallower clearing phase once thermal stratification sets in. The total phosphorus level last month was 0.2 mg/L and the dissolved portion that algae can use was only 0.01 mg/L.

Water Quality Stats (as of 03-11-25)

Maximum Depth: 29.2 feet (dam outlet)	Water Temperature: 43.9^0 F (taken 3 feet below surface)
Water Clarity: 1.9 feet (≥ 3 feet is good)	Dissolved Oxygen: 142.1% (>80% is good)
pH: 8.87 (between 6 and 9 is good)	Chlorophyll-a: <40.0 ppb (How green, ≤ 25 is good)



ZERO PHOSPHORUS On Your Lawn

Watershed News

BMW Association has another new intern. Welcome Dominique Garcia. She is a senior at Metro State University with a strong interest in water. She has experience with River Watch, the state legislative process, and a desire to learn more about water quality and water rights. She will intern through the summer.

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