



Barr Lake Water Quality Report



March 11, 2025

Water Summary

Barr Lake 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 Barr Lake. Regular lake sampling started in 2002.

March – Blue, ice-free waters at Barr Lake for early March this year. All water quality parameters are close to average and are similar to last year. Decrease in algal growth and increase in water clarity should gradually change through March and into April. Windy weather last week and throughout the month will allow for full water depth mixing. This creates a turnover effect where water parameters like oxygen, pH, and temperature are very similar from surface to bottom. Once the days get longer and warmer, the top water will begin to get warmer than the rest of the water column. This allows for thermal stratification.



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.

You can learn more about the lake 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 03-11-25)

Maximum Depth: 30.2 feet (between dam outlets) Water Temperature: 43.5° F (taken 3 feet below surface)

Water Clarity: 2.1 feet (≥ 3 feet is good) Dissolved Oxygen: 148.1% (>80% is good)

pH: 8.80 (between 6 and 9 is good) Chlorophyll-a: <40.0 ppb (How green, ≤ 25 is good)

Barr Lake Temperature Profiles (Jan-Jul)

