



# Barr Lake Water Quality Report



May 13, 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.

May – Barr Lake is experiencing some of the clearest waters. Water clarity is over 20 feet deep. This extreme clarity occurred over a span of just four weeks. Zooplankton, daphnia in particular, population has exploded, and their grazing abilities have allowed for this water clarity. There were some blue-green algae floating at the surface indicating a typical bloom by July. The other major difference at Barr Lake is the surface water temperature. The water temperature is well above average for early May due to the warm weather recently. The lake is slightly thermally stratified with it being around 64 F at the top and about 57 F at the bottom of the reservoir.



## Watershed News

The annual carp tournament is coming up on June 5<sup>th</sup>. Registration is \$10/person. The annual watershed tour is scheduled for June 24<sup>th</sup>. Registration will be available by June 1<sup>st</sup>. Bike to Work Day is June 25<sup>th</sup>. Keep up to date on Barr Lake and Milton Reservoir activities by going to [www.barr-milton.org](http://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.

You can learn more about the lake and what is going on in the watershed by going to [www.barr-milton.org](http://www.barr-milton.org).

Contact Sami Miller, watershed coordinator, at [miller.sami@outlook.com](mailto:miller.sami@outlook.com).

*Cooperation, Involvement, and Awareness*



## Water Quality Stats (as of 05-13-25)

Maximum Depth: 30.2 feet (between dam outlets)      Water Temperature: 64.1<sup>o</sup> F (taken 3 feet below surface)

Water Clarity: 21.2 feet (≥ 3 feet is good)      Dissolved Oxygen: 98.0% (>80% is good)

pH: 7.95 (between 6 and 9 is good)      Chlorophyll-a: <1.0 ppb (How green, ≤ 25 is good)

