



Barr Lake Water Quality Report



February 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.

February – It was a very cold, grey day at Barr Lake. Surprisingly, there was about 100 feet of open water along the dam which allowed sampling from open water. Oxygen levels were great all the way to the bottom along with pH. Algae are growing strong creating the top water to have over 200% dissolved oxygen. This can lead to a large amount of biomass that will decompose in the spring creating a dip in oxygen. This happens typically in April when respiration/decomposition is much greater than photosynthesis. Reminder, one year ago Barr was free of ice because of above normal temperatures.



Watershed News

The next BMW board meeting will be February 25th. The change for 2025 is that all Information/Education meetings will now be a part of the board meetings. The Technical Committee still meets the fourth Thursday of the odd months at 9am. Anyone is welcome attend these BMW meetings.

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 02-11-25)

Maximum Depth: 26.2 feet (between dam outlets) Water Temperature: 39.2° F (taken 3 feet below surface)

Water Clarity: 2.6 feet (≥ 3 feet is good) Dissolved Oxygen: 222.7% (>80% is good)

pH: 8.78 (between 6 and 9 is good) Chlorophyll-a: <50.0 ppb (How green, ≤ 25 is good)

