



# Barr Lake Water Quality Report



May 08, 2024

## 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, after several days of strong winds and cooler nights, seems to be the same temperature as the last sampling event in late April but lost about 14 feet of water clarity. Winds and waves might have stirred up sediments, or the algal growth might have increased. The water is well oxygenated top to the bottom thanks to the mixing. The water depth is slightly down by a couple of feet. For 2024 so far, the phosphorus concentrations in Barr seem to be even lower than last year and much lower than the 2003-07 average. It will be interesting to see how low the phosphorus goes this year.



## Watershed News

BMW has interviewed and hired two interns for the next 12 months. Both students are attending Metro State University and will be helping with BMW activities for the next year. Please contact us if you have a project that needs help getting done.

## 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 05-08-24)

Maximum Depth: 32.8 feet (between dam outlets)      Water Temperature: 55.8° F (taken 3 feet below surface)

Water Clarity: 6.4 feet (≥ 3 feet is good)      Dissolved Oxygen: 97.7% (>80% is good)

pH: 8.12 (between 6 and 9 is good)      Chlorophyll-a: <10.0 ppb (How green, ≤ 25 is good)

