



Barr Lake Water Quality Report



April 9, 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.

April – Barr Lake State Park is open to boating and the water is looking great. Early April is the start of the “clearing phase” at Barr Lake. We will see how deep the clarity goes and for how long. Clarity and overall water quality is very similar as one year ago. Oxygen is slightly below 100% saturation. Barr tends to have lower oxygen levels during the “clearing phase” because of decomposition of wintertime algal growth and lower primary productivity. The extreme wind we had last weekend did help with mixing and reoxygenating the upper waters. The water temperature is right at average for this time of 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.

Contact Sami Miller, watershed coordinator, at miller.sami@outlook.com.

Cooperation, Involvement, and Awareness

Water Quality Stats (as of 04-09-24)

Maximum Depth: 34.5 feet (between dam outlets) Water Temperature: 49.7° F (taken 3 feet below surface)

Water Clarity: 6.7 feet (≥ 3 feet is good) Dissolved Oxygen: 6.92% (>80% is good)

pH: 8.60 (between 6 and 9 is good) Chlorophyll-a: <30.0 ppb (How green, ≤ 25 is good)

