



Barr Lake Water Quality Report



March 29, 2023

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. This monitoring effort started in 2002.

March – Barr Lake is fully mixing with consistent water quality from the surface to the bottom of the reservoir. The springtime brings both warm and cool weather allowing for periods of thermal warming and stratification and then complete lake mixing. The water temperature is only 42 ° F. The surface water is still cold. There was even an iceberg floating around the reservoir for a couple weeks in March. Algae seem to be balanced with dissolved oxygen close to 100%. Water clarity and pH are typical for this time of year.



Watershed News

Rain barrels are a great way to help reduce storm water runoff, decrease phosphorus loads to Barr and Milton, and help conserve water. There are several rain barrel workshops planned this year to help you build and install a rain collection system. You can have two 55-gallon barrels per household.

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 03-29-23)

Maximum Depth: 27.2 feet (between dam outlets) Water Temperature: 41.9° F (taken 3 feet below surface)

Water Clarity: 2.6 feet (≥ 3 feet is good) Dissolved Oxygen: 113.0% (>80% is good)

pH: 8.77 (between 6 and 9 is good) Chlorophyll-a: <50.0 ppb (How green, ≤ 25 is good)

