



# Barr Lake Water Quality Report



April 08, 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.

*April* – Barr Lake is seeing slightly less diatom growth compared to March. Water clarity is slightly deeper, pH is lower, and oxygen is closer to 100%. Water temperature is right at the 20-year average for early April. The water level did come up about a foot over the past two weeks. The graph below looks at the ratio of TN and TP and how it compares with Chl-a. The goal for Chl-a is 20 ug/L. The data shows that if TN:TP is above 15 to 20 then the Chl-a will stay below the goal of 20 ug/L. Both TN and TP need to be reduced, and the goal is to reduce TP even more so that the ratio stays above 15.



## Watershed News

*Boating season started on April 1<sup>st</sup> at Barr Lake. Coming up next is Earth Day, April 22<sup>nd</sup>. 3<sup>rd</sup> Annual Carp Tournament is scheduled for June 7<sup>th</sup>. National Archery Day will be May 10<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 04-08-25)

Maximum Depth: 31.2 feet      Water Temperature: 50.8° F  
(between dam outlets)              (taken 3 feet below surface)

Water Clarity: 2.6 feet              Dissolved Oxygen: 114.6%  
(≥ 3 feet is good)                      (>80% is good)

pH: 8.76                                  Chlorophyll-a: <40.0 ppb  
(between 6 and 9 is good)              (How green, ≤ 25 is good)

Barr Lake, TN:TP Ratio vs Chl-a (June - September)

