



Barr Lake Water Quality Report



December 11, 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.

December – This was the last sampling event for 2023. Inlet water has been entering Barr since late November. The water depth is up 4 feet since mid-November. The pH is noticeably lower. The alkalinity is much lower than usual which allows for a lower background pH. Some diatoms are growing but not much. It was very noticeable this year that internal loading of phosphorus occurred when bottom water experienced zero oxygen. This occurred during the winter ice-over period and during early summer when the water depth was deeper than normal. Total phosphorus has been close to the maximum goal of 0.10 mg/L since early October. Concentrations will increase over the winter because of refill. Water temperatures are right at average now.



Watershed News

BMW Association wants to thank Michelle Seubert (Barr Lake Park Manager) for her service for the past 15 years and welcome in Lisa Gill as the new park manager. We are excited to continue working with CPW on water quality topics at Barr Lake. 2024 will be a great year.

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 12-11-23)

Maximum Depth: 27.2 feet (between dam outlets) Water Temperature: 37.1^o F (taken 3 feet below surface)

Water Clarity: 3.0 feet (≥ 3 feet is good) Dissolved Oxygen: 119.7% (>80% is good)

pH: 7.39 (between 6 and 9 is good) Chlorophyll-a: <25 ppb (How green, ≤ 25 is good)

