



# Barr Lake Water Quality Report



August 9, 2022

## 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.

*August* – Water clarity was 1.80 meters deep. There were colonies of blue-green algae, but no signs of a bloom. Dissolved oxygen and pH indicate no major algal growth as well. Light can penetrate down 9 feet, about 1.5 times the Secchi depth. Dissolved oxygen was above 2 mg/L at the sediment interface. Barr Lake is meeting both pH and dissolved oxygen standards. Total phosphorus levels declined in lake July and typically decline for the rest of the summer season if there are no major inputs or internal loading.



## Watershed News

*The boat ramp at Barr Lake State Park is closed for the season due to low water levels. Smaller boats can be launched by hand from the shoreline.*

## 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 [sami.miller2019@gmail.com](mailto:sami.miller2019@gmail.com).

*Cooperation, Involvement, and Awareness*



## Water Quality Stats (as of 08-09-22)

Maximum Depth: 17.4 feet (between dam outlets)      Water Temperature: 78.9° F (taken 3 feet below surface)

Water Clarity: 5.9 feet (≥ 3 feet is good)      Dissolved Oxygen: 125.1% (>80% is good)

pH: 8.81 (between 6 and 9 is good)      Chlorophyll-a: <40.0 ppb (How green, ≤ 25 is good)

