



# Barr Lake Water Quality Report



September 26, 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.

*September* – Water levels are at their lowest. Water from the 1885 water right started coming in this week. Inflows about 70 cubic feet per second were coming from S. Platte River, Second Creek, and the Beebe Pipeline. Water clarity and quality looked like early September. Dissolved oxygen was over 100% indicating an increase in algal growth. There was over 100% dissolved oxygen at all depths. No signs of blue-green algae blooming. Water clarity was similar to early September, 0.4 meters or 1.3 feet. Water temperature is right at normal for this time of year. This ends the 2022 growing season sampling, and fall sampling will continue into October.



## Watershed News

*Water 22' is promoting water awareness for all of 2022. To learn more about Water 22', go to [www.water22.org](http://www.water22.org). The newest public service announcement is from Coors. There is also a list of upcoming events this fall.*

## 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 09-26-22)

Maximum Depth: 7.9 feet (between dam outlets)      Water Temperature: 62.2<sup>o</sup> F (taken 3 feet below surface)

Water Clarity: 1.3 feet (≥ 3 feet is good)      Dissolved Oxygen: 134.4% (>80% is good)

pH: 8.56 (between 6 and 9 is good)      Chlorophyll-a: <40.0 ppb (How green, ≤ 25 is good)

