



# Milton Reservoir Water Quality Report



September 13, 2022

## Water Summary

Milton Reservoir 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 Milton. Regular lake sampling started in 2002.

*September* – Several water quality parameters changed since the end of August. Oxygen has quickly increased caused by more algal growth. Water temperature has dropped by seven degrees. pH still is remaining below 9.0 with the recent increase in algal growth. Milton had more algal growth than Barr but had no signs of a scum forming algal bloom. Dredging near the west inlet and boat ramp area was still in operation during sampling. Total phosphorus was 0.28 mg/L compared to Barr’s TP concentration of 0.37 mg/L. These levels of TP are still in the range where nitrogen, carbon, light, or even temperature can be the limiting factor to algal growth.



## Watershed News

*Annual Stakeholder meeting and BBQ will be September 27<sup>th</sup> at Barr Lake State Park. Come tour the inlet, get a 2022 update, and enjoy a free lunch.*

## 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 Lake and Milton Reservoir.

You can learn more about the lakes and what is going on in the watershed by going to [www.barr-milton.org](http://www.barr-milton.org).

Contact Amy Conklin, watershed coordinator, at [amy.conklin@comcast.net](mailto:amy.conklin@comcast.net) or 303-795-5925.

*Cooperation, Involvement, and Awareness*



## Water Quality Stats (as of 09-13-22)

Maximum Depth: 10.2 feet (dam outlet)      Water Temperature: 65.7° F (taken 3 feet below surface)

Water Clarity: 1.1 feet (≥ 3 feet is good)      Dissolved Oxygen: 144.2% (>80% is good)

pH: 8.78 (between 6 and 9 is good)      Chlorophyll-a: <70.0 ppb (How green, ≤ 25 is good)

