



# Milton Reservoir Water Quality Report



March 10, 2020

## 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 of the efforts to monitor, test, and improve the water quality in Milton. Regular lake sampling started in 2002 and will continue into the future. It is important to closely monitor water quality to observe any major changes that would impact wildlife, park users, or downstream water users.

*April* – It has been four weeks since Milton was sampled due to the COVID-19 pandemic. Sample was temporarily suspended until mid April. Water samples are not being collected due to laboratory restrictions. Algae, zooplankton, and Chl-a samples were collected along with profile data. pH remains above 9.0 since December. One good sign is that dissolved oxygen is much closer to 100% indicating that the algae are slowing down for now. Diatoms are dominating the algae community. Another positive water quality note is that the bottom water is maintaining plenty of oxygen. This is because of mixing during these April storms and the algae growth.

## Water Quality Stats (as of 04-15-20)

Maximum Depth: 25.3 feet (dam outlet)      Water Temperature: 49.2° F (taken 3 feet below surface)

Water Clarity: 3.0 feet (≥ 3 feet is good)      Dissolved Oxygen: 117.3% (>80% is good)

pH: 9.44 (between 6 and 9 is good)      Chlorophyll-a: >50 ppb (How green, ≤ 25 is good)

*Do your part. Keep fertilizers off the road, driveway, and sidewalk. Use phosphorus-free lawn fertilizers if you can. Composting is lake friendly.*



## Watershed News

*BMW is planning out 2020 activities. Stay tuned for our upcoming events this year. We are still planning some great events like the watershed tour, bike tour, and shoreline clean up. Go to [www.barr-milton.org](http://www.barr-milton.org) to get the latest updates on all of our events and information. If plans change due to the current pandemic, we will post them on our website.*

## 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*



Average pH by Month, Milton Reservoir (0.5-2.0 m)

