



# Barr Lake Water Quality Report



April 15, 2020

## 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 of the efforts to monitor, test, and improve the water quality in Barr Lake. 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 Barr 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. A water quality probe was also installed at Barr and programmed to collect pH, temperature, and dissolved oxygen data every 30 minutes. The purpose is to see how those parameters change from night to day as the lake transitions to the algae growing season. pH is doing great so far for 2020.

Do your part. Keep fertilizers off the road, drive-way, 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.

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 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 04-15-20)

Maximum Depth: 32.8 feet (between dam outlets)      Water Temperature: 49.4<sup>o</sup> F (taken 3 feet below surface)

Water Clarity: 2.0 feet (≥ 3 feet is good)      Dissolved Oxygen: 112.3% (>80% is good)

pH: 8.95 (between 6 and 9 is good)      Chlorophyll-a: >50 ppb (How green, ≤ 25 is good)

