



# Milton Reservoir Water Quality Report



May 13, 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.

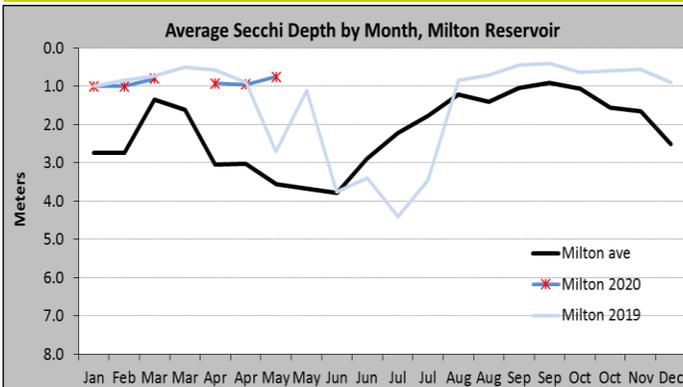
May – Milton has not cleared up yet. Compared to last year and the 18-year average, Milton typically has a clearing phase in the spring where the large zooplankton (daphnia) do a great job of grazing on the diatoms. This has not happened yet. The overall average water clarity depth for the beginning of May is around 11 feet. Water is coming in from Barr Lake via the Bebee Canal that enters Milton from the south. Carp are also more noticeable this year. The non-native fish spawn during May and can stir up the sediments in the shallow waters. If populations get too high, they can cause water quality problems. Around 6,000 carp have been harvested from Barr Lake over the past 4 years.

### Water Quality Stats (as of 05-13-20)

Maximum Depth: 24.6 feet (dam outlet)      Water Temperature: 58.0<sup>o</sup> F (taken 3 feet below surface)

Water Clarity: 2.5 feet (≥ 3 feet is good)      Dissolved Oxygen: 130.6% (>80% is good)

pH: 8.99 (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*

