



# Milton Reservoir Water Quality Report



October 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.

*October* – October is the last month of the 2020 water year. November 1<sup>st</sup> is when Milton can begin to refill for 2021. Despite being below normal in water volume and depth, Milton’s water temperature is right at average will meeting both oxygen and pH standards. The water level is officially below the east boat ramp. Because of the extremely low water levels, the water clarity is clouded with sediments that can easily get re-suspended during wind events. With a water clarity of only 12 inches, very little light is penetrating the water column. Not much algae can grow in such murky conditions.

*Do your part. Keep trash out of Milton. Remember to pick up your trash and keep it bagged so it doesn't blow around. Pick up any trash you see. Trash always ends up in the water.*



## Watershed News

*Next up is the annual board retreat. This fall, the board of directors will work for half of a day to talk about big topics and go over future projects. We are busier than ever and there's lots to talk about. Check the [www.barr-milton.org](http://www.barr-milton.org) site to stay up to speed on projects and other water topics.*

## 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 10-13-20)

Maximum Depth: 10.5feet (dam outlet)      Water Temperature: 55.3<sup>o</sup> F (taken 3 feet below surface)

Water Clarity: 1.1 feet (≥ 3 feet is good)      Dissolved Oxygen: 83.2% (>80% is good)

pH: 8.39 (between 6 and 9 is good)      Chlorophyll-a: <20 ppb (How green, ≤ 25 is good)

