



# Milton Reservoir Water Quality Report



September 8, 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.

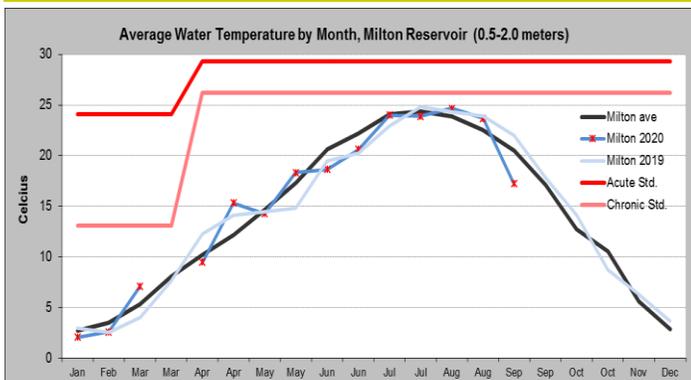
*September* – Milton Reservoir is in fall mode. Water temperatures dropped just over 12 °F in two weeks due to a cold front. Air temperatures during sampling were close to freezing. Water depth is right at average for Milton unlike Barr Lake. Water clarity is only a foot but it is not because of algae. The chl-a value is well below the goal of 25 ug/L. There is algae in the water but no blue-green algae. Diatoms do not produce as much chl-a and there could be algae that are just not producing chl-a. Sediments can also be re-suspended when the reservoir is low at end of the summer season, especially when the average depth is close to six or seven feet deep.

## Water Quality Stats (as of 09-08-20)

Maximum Depth: 14.4feet (dam outlet)      Water Temperature: 63.1° F (taken 3 feet below surface)

Water Clarity: 1.0 feet (≥ 3 feet is good)      Dissolved Oxygen: 71.4% (>80% is good)

pH: 8.41 (between 6 and 9 is good)      Chlorophyll-a: 6.4 ppb (How green, ≤ 25 is good)



*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

The annual Stakeholder meeting is coming in September (September 22<sup>nd</sup>). This is a great opportunity for to check in to see what BMW has been up to for 2020. We are busier than ever and there is lots to talk about. Check the [www.barr-milton.org](http://www.barr-milton.org) site to get all the details.

## 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*

