



# Milton Reservoir Water Quality Report



January 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.

January – Milton is full. Diatoms are growing causing the pH to be above 9.0. The total phosphorus for January is 280 ug/L which is relatively low for January. If there are no major inflows during the winter, the TP could remain low for 2020. The Jul-Sep average for 2019 was 283 ug/L, and the annual average was 360 ug/L. Still a long way to go, but the TP concentrations are staying typically below 400 ug/L in Milton. 2017 was a complete refill year so that is why the TP was higher. More inflows mean a chance of higher TP values. There is slightly more ice on Milton than at Barr. The milder winter is not allowing the ice to set up.

Just like fertilizers, it is best to keep salt out of our lakes and streams. If you do use salt, please use it sparingly and even consider sweeping it up after the snow melts.



## Watershed News

To avoid dumping holiday trash around the watershed, make sure you take advantage of local Christmas tree recycling programs or use your tree for composting, mulch, or firewood. Please do not dump your tree along the roadside. Most trash eventually finds its way into Barr Lake and other water ways in the watershed.

## 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 01-13-20)

Maximum Depth: 24.9 feet (dam outlet)      Water Temperature: 36.2° F (taken 3 feet below surface)

Water Clarity: 3.3 feet (≥ 3 feet is good)      Dissolved Oxygen: 144.3% (>80% is good)

pH: 9.37 (between 6 and 9 is good)      Chlorophyll-a: 71 ppb (How green, ≤ 25 is good)

