



# Milton Reservoir Water Quality Report



January 9, 2019

## 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* – Similar to Barr Lake, Milton Reservoir is filling and experiencing algal growth under the ice. One major change at Milton is the addition of 4 aeration disks near the dam outlet to keep water open. There was open water near the sampling location. Unlike Barr Lake, Milton's pH is remaining below 9.0 during the 2018/19 refill season. Total Phosphorus levels in Milton for 2018 were well below the 17-average and the 2017 values. There was a summer time load and then December brought a spike in TP concentrations. This December-January spike is typical because the majority of the refill water is coming from the S. Platte River during this period.

*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 01-09-19)

Maximum Depth: 26.2 feet (dam outlet)      Water Temperature: 37.5° F (taken 3 feet below surface)

Water Clarity: 3.3 feet (≥ 3 feet is good)      Dissolved Oxygen: 139.1% (>80% is good)

pH: 8.68 (between 6 and 9 is good)      Chlorophyll-a: <50 ppb (How green, ≤ 25 is good)

