



# Milton Reservoir Water Quality Report



October 23, 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.

*October* – The water depth has not changed in Milton for the month of October. With no major inflows, the phosphorus levels continue to remain relatively low for September and October. There is still enough phosphorus to grow plenty of algae even when the water is cooler. The 2019 pattern of phosphorus is a clear indication that the winter time refill determines how much phosphorus you will have for the following year. It takes roughly 9 months for the phosphorus to settle out or get consumed by algae. Then it is time to be refilled. It would be ideal to intercept the inflow phosphorus each year in order to achieve the summer time goal of 100 parts per billion between July and September.

*Runoff from snow and thunder storms this spring creates lots of flow from our streets, parking lots, and driveways. Do your part by keeping the drains clear of trash and debris.*



## Watershed News

*Denver is currently encouraging residents to pick up their leaves and drop them off at several leaf drop-off stations. It is good to pick up leaves and not just rack or blow them into the street. Leaves are a source of nutrients and can clog storm drains. Please remember to pick up your leaves and compost them.*

## 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 10-23-19)

Maximum Depth: 16.4 feet (dam outlet)      Water Temperature: 47.7° F (taken 3 feet below surface)

Water Clarity: 2.0 feet (≥ 3 feet is good)      Dissolved Oxygen: 95.6% (>80% is good)

pH: 8.74 (between 6 and 9 is good)      Chlorophyll-a: <30 ppb (How green, ≤ 25 is good)

