



# Milton Reservoir Water Quality Report



June 26, 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.

*June* – Milton was busy this time. For the first time in 17 years, recreational boating (wake boarding) was occurring during lake sampling. Water quality was great for late June. The visibility, pH, and dissolved oxygen show no signs of an algal bloom. Water temperatures are about 4 degrees below normal for this time of the year. Things can quickly change, especially when it comes to algal growth. The phosphorus levels are below average but are still high relative to how much a reservoir should have. July and August are the peak months for growing algae and other aquatic plants.

*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

*Lakes Appreciation Month celebration at Barr Lake will be on Saturday, July 13<sup>th</sup>. Come out and enjoy a morning of volunteer work and then free food and lake side activities.*

## 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 06-26-19)

Maximum Depth: 26.2 feet (dam outlet)      Water Temperature: 68.5° F (taken 3 feet below surface)

Water Clarity: 11.2 feet (≥ 3 feet is good)      Dissolved Oxygen: 84.4% (>80% is good)

pH: 7.94 (between 6 and 9 is good)      Chlorophyll-a: 3.7 ppb (How green, ≤ 25 is good)

