



# Milton Reservoir Water Quality Report



April 25, 2018

## 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.

*April* – Milton has warmed up consistent with previous years. The top water is slightly warmer than the bottom and, during big wind storms, fully mixes. This is the reason why the bottom water temperature is slowly increasing. Water clarity decreased from the first part of the month but is still high at almost 9 feet. Total phosphorus is much lower than a year ago this time. The value for April 10<sup>th</sup> was 0.08 mg/L which is 0.02 mg/L below the target value. This is roughly a 79% decrease in TP from the average value for the end of April. The average for Milton is based on data collected from 2003 to 2017.

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

Two great events are being planned for this coming June. June 5<sup>th</sup> and 6<sup>th</sup> there is the annual free bike tour that will follow Sand Creek from Bluff Lake to the S. Platte River. Then June 26<sup>th</sup> is the annual watershed tour. This year's tour will highlight the big changes going on around the Western Complex and the S. Platte River.

## 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 04-25-18)

Maximum Depth: 26.2 feet Water Temperature: 54.1° F  
(dam outlet) (taken 3 feet below surface)

Water Clarity: 8.9 feet Dissolved Oxygen: 81.3%  
(≥ 3 feet is good) (>80% is good)

pH: 8.04 Chlorophyll-a: <10 ppb  
(between 6 and 9 is good) (How green, ≤ 25 is good)

