



# Milton Reservoir Water Quality Report



April 24, 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.

*April* – Milton is home to two bald eagle nests and hundreds of white pelican and cormorant nests on the west side of the reservoir. This is a busy time of year at Milton for the birds. Please stay clear of the rookeries and the nests. Water clarity is beginning to show signs of improved water clarity caused by less algae. One indication is the dissolved oxygen profile as they have changed from early to late April. Less oxygen means less algae and more respiration and decomposition. Zooplankton are the natural grazers in the water and are showing signs of keeping up with the algal growth. As long as the zooplankton continue to grow, water clarity should continue to increase as we head into May.

*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

*Spring weather is upon us. Make sure you do your best to remove old leaves and debris from the curb. Spring runoff can send lots of nutrients through the storm sewers eventually ending up in Milton Reservoir.*

## 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 04-24-19)

Maximum Depth: 25.6 feet (dam outlet)      Water Temperature: 58.7° F (taken 3 feet below surface)

Water Clarity: 3.0 feet (≥ 3 feet is good)      Dissolved Oxygen: 128.3% (>80% is good)

pH: 9.34 (between 6 and 9 is good)      Chlorophyll-a: <100 ppb (How green, ≤ 25 is good)

