



Milton Reservoir Water Quality Report



March 12, 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.

March – Milton Reservoir is mostly covered in ice and is no longer bringing in water from the Platte Valley Canal. There is open water near the outlet and the aeration system is still operating. Sampling occurred about 50 feet to the west of the aerators. Algal productivity has increased since February when comparing the increased oxygen levels and the slightly less water clarity. Unlike Barr Lake, Milton Reservoir is turning over and fully mixing, even with the ice cover. This might be because of the aerators at the dam. A couple of juvenile bald eagles were seen by the west boat ramp along with a couple of adult bald eagles.

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

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.

Contact Amy Conklin, watershed coordinator, at amy.conklin@comcast.net or 303-795-5925.

Cooperation, Involvement, and Awareness



Water Quality Stats (as of 03-12-19)

Maximum Depth: 27.2 feet (dam outlet) Water Temperature: 39.1^o F (taken 3 feet below surface)

Water Clarity: 2.4 feet (≥ 3 feet is good) Dissolved Oxygen: 169.2% (>80% is good)

pH: 9.15 (between 6 and 9 is good) Chlorophyll-a: <100 ppb (How green, ≤ 25 is good)

Milton Reservoir Temperature Profiles (2019)

