



Milton Reservoir Water Quality Report



March 27, 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 is warming up now that the days are getting longer and warmer. The entire water column is warming up because it fully mixing during storms and at night. The mixing and temperature determines what, when, and where for the algal community. Clearly, Milton is growing plenty of algae right now based on the high pH and oxygen levels. There are no scums because the algae growing are diatoms and they can't change their buoyancy. This spring time diatom bloom has been occurring for the past 15 years. Spring is a busy time for Milton and there will be plenty of water quality changes as the lake water warms up.

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.

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

Cooperation, Involvement, and Awareness



Water Quality Stats (as of 03-27-19)

Maximum Depth: 26.6 feet (dam outlet) Water Temperature: 45.8° F (taken 3 feet below surface)

Water Clarity: 1.6 feet (≥ 3 feet is good) Dissolved Oxygen: 199% (>80% is good)

pH: 9.57 (between 6 and 9 is good) Chlorophyll-a: <150 ppb (How green, ≤ 25 is good)

Milton Reservoir Temperature Profiles (2019)

