



Milton Reservoir Water Quality Report



November 10, 2020

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.

November – It is now the beginning of the 2021 water year. There are no inflows yet for Milton. The chl-a levels in Milton for 2020 show that the highest algae peaks occurred outside of the state defined growing season of July through September. The median chl-a for this year's growing season was 32 ug/L. The goal is to stay below 25 ug/L. The algae seem to be not producing as much since the dissolved oxygen was below 100%. Decomposition and respiration was greater than the photosynthesis so the percentage was less than 100%. The water temperature went up about 5 ° F since late October. There was no ice on Milton. Water is being pumped out near the west end of the dam.

Do your part. Keep leaves out of Milton. Don't rake leaves in the street or wait for the wind or street sweeper to make them disappear. Leaves in the street can end up at Milton. Rake it.



Watershed News

Next up is the annual board retreat. This fall, the board of directors will work for half of a day to talk about big topics and go over future projects. We are busier than ever and there's lots to talk about. Check the www.barr-milton.org site to stay up to speed on projects and other water topics.

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 11-10-20)

Maximum Depth: 9.8 feet (dam outlet) Water Temperature: 43.1° F (taken 3 feet below surface)

Water Clarity: 1.0 feet (≥ 3 feet is good) Dissolved Oxygen: 85.8% (>80% is good)

pH: 8.79 (between 6 and 9 is good) Chlorophyll-a: <50 ppb (How green, ≤ 25 is good)

