



Barr Lake Water Quality Report



November 10, 2020

Water Summary

Barr Lake 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 Barr Lake. 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 – Barr Lake water temperature is back up to average temperatures for this time of year. The water level has increase by two feet in the last two weeks, getting closer to the top of the outlet gates. There is still construction involved with the east outlet. November is the beginning of the 2021 water year. All parameters are within standards. Both pH and DO indicate that the late October algal growth is no longer growing faster than the decomposition/respiration. When DO is close to 100%, that is a good sign that the algae are not growing out of control. Water clarity is still low so there are plenty of algae still in the water as well as sediments.

Do your part. Keep leaves out of Barr Lake. 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 Barr Lake. Rake it.



Watershed News

Next up is the annual board retreat. This winter, the board of directors will talk about big topics and go over future projects. We are busier than ever and there's plenty to do. Check the www.barr-milton.org site to stay up to speed on projects and other water topics. Anyone is welcome to attend all BMW meetings.

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.

You can learn more about the lake 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 (between dam outlets) Water Temperature: 45.5° F (taken 3 feet below surface)

Water Clarity: 1.1 feet (≥ 3 feet is good) Dissolved Oxygen: 99.8% (>80% is good)

pH: 8.32 (between 6 and 9 is good) Chlorophyll-a: <50 ppb (How green, ≤ 25 is good)

