



Barr Lake Water Quality Report



June 22, 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.

June – The end of June looked like the end of August. The water level has dropped and was about 3 feet below average and there was the start of a cyanobacteria bloom (mostly microcystin). Phosphorus concentrations earlier in the month were below 300 ug/L. The goal is to stay below 100 ug/L. Water temperature was slightly below average. Because of the main winds that come from the west, the algae can concentrate on the shore near the boat ramp. Avoid contact with the algal scum in the water and on shore. Remember to rinse off equipment and yourself if you do come into contact with an algal scum. Oxygen is good to the bottom of Barr.

Water Quality Stats (as of 06-22-20)

Maximum Depth: 27.9 feet (between dam outlets) Water Temperature: 68.7° F (taken 3 feet below surface)

Water Clarity: 6.1 feet (≥ 3 feet is good) Dissolved Oxygen: 119.6% (>80% is good)

pH: 8.52 (between 6 and 9 is good) Chlorophyll-a: <20 ppb (How green, ≤ 25 is good)

Do your part. Keep fertilizers off the road, drive-way, and sidewalk. Use phosphorus-free lawn fertilizers if you can. Composting is lake friendly.



Watershed News

Next month is National Lakes Appreciation Month, and Barr Lake is a great place to celebrate it. Come help give back to Barr Lake on July 11 am 8am to 1pm. Go to www.barr-milton.org to get the latest updates on all of our events and information. If plans change due to the current pandemic, we will post them on our website.

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



D.O. Average by Month, Barr Lake (0.5 - 2.0 m)

