



Barr Lake Water Quality Report



April 29, 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.

April – This month has been warm and dry. The surface water temperatures jumped by 10° F within two weeks. The water column is thermally stratified during these periods of warm, dry weather. Water is being released from the dam. This allows cooler, bottom water to be released while the top water gets warmer. This allows for the bottom water to be slowly warmed up also. The lake is still murky from diatom growth. Oxygen levels are down so that indicates the algal growth is slowing down. Carp were coming to the surface and seen in the shallow waters. Carp spawning season is beginning.

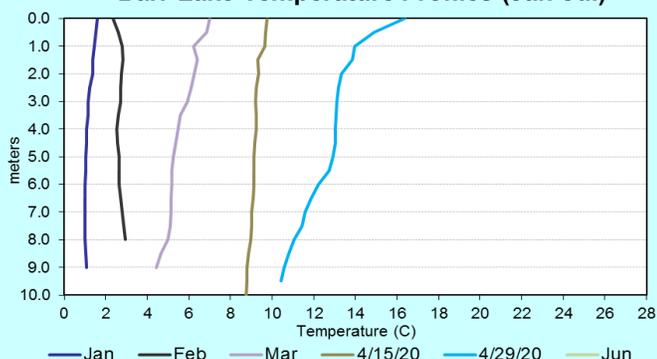
Water Quality Stats (as of 04-29-20)

Maximum Depth: 32.2 feet (between dam outlets) Water Temperature: 57.9° F (taken 3 feet below surface)

Water Clarity: 2.4 feet (≥ 3 feet is good) Dissolved Oxygen: 91.6% (>80% is good)

pH: 8.85 (between 6 and 9 is good) Chlorophyll-a: >50 ppb (How green, ≤ 25 is good)

Barr Lake Temperature Profiles (Jan-Jul)



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

BMW is planning out 2020 activities. Stay tuned for our upcoming events this year. We are still planning some great events like the watershed tour, bike tour, and shoreline clean up. 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

