



Milton Reservoir Water Quality Report



July 7, 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.

July – Water quality is looking good for Milton. All signs indicate less algal growth with no indications of cyanobacteria. Water clarity is the deepest since 12 months ago, pH is below 9.0, and DO is below 100%. Lake depth is right at the 18-year average of 22.3 feet. The lake typically drops about 1.7 inches a day or just under a foot per week between lake June and early September. Total phosphorus for this year is staying below 300 µg/L. At the end of June, the TP was 240 µg/L. The average for late June is 592 µg/L. Milton has 60% less phosphorus compared to the 18-year average. The TP goal is to get below 100 µg/L during the summer. There is still a ways to go.

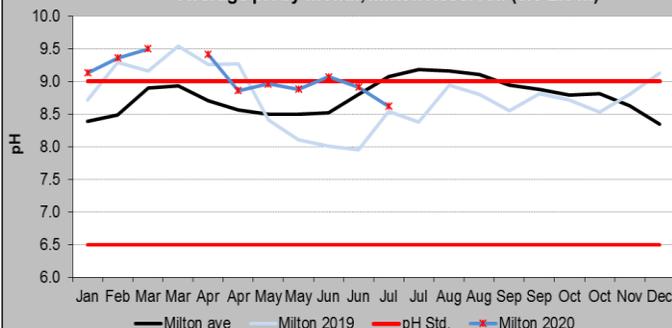
Water Quality Stats (as of 07-07-20)

Maximum Depth: 22.3 feet (dam outlet) Water Temperature: 74.9° F (taken 3 feet below surface)

Water Clarity: 4.1 feet (≥ 3 feet is good) Dissolved Oxygen: 88.4% (>80% is good)

pH: 8.60 (between 6 and 9 is good) Chlorophyll-a: >20 ppb (How green, ≤ 25 is good)

Average pH by Month, Milton Reservoir (0.5-2.0 m)



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



Watershed News

This month is National Lakes Appreciation Month. It is a great time to give back. Here is a short list of things you can do for Lakes Appreciation Month: do a shoreline clean up, make sure pick up pet waste, use only phosphorus-free fertilizers, conserve water and reduce runoff, and keep invasive species from spreading.

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

