



Milton Reservoir Water Quality Report



September 23, 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.

September – The official growing season has come to an end for Milton but the lake is showing signs of an increase in algal growth. Both pH and dissolved oxygen have increased. Total phosphorus has stayed well below average for 2020. One reason why there were no major blooms this summer was that the dissolved portion of the total phosphorus was very low for most of the summer. The dissolved portion is what is readily available for algae to grow. Also, nitrogen becomes scarce during the summer so Milton’s algae might have also been controlled by low levels of nitrogen. Either way, the lake had a great summer season with no algae issues.

Do your part. Keep trash out of Milton. Remember to pick up your trash and keep it bagged so it doesn't blow around. Pick up any trash you see. Trash always ends up in the water.



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 09-23-20)

Maximum Depth: 12.1 feet (dam outlet) Water Temperature: 66.2^o F (taken 3 feet below surface)

Water Clarity: 1.6 feet (≥ 3 feet is good) Dissolved Oxygen: 146% (>80% is good)

pH: 8.65 (between 6 and 9 is good) Chlorophyll-a: <25 ppb (How green, ≤ 25 is good)

