



Milton Reservoir Water Quality Report



August 26, 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.

August – Milton is slightly below average in water depth, but it is not as low as Barr Lake. Dissolved oxygen and pH are meeting standards and the % dissolved oxygen of just over 100% tells us that there are no major algal blooms on the way. Algae are growing, but they are beneficial to help keep oxygen in the water. With lower water, the lake is fully mixing with a slight thermal stratification during the day if it is calm. September is when Milton is at its lowest level and will hopefully begin to bring in refill water by October. pH has gone back down below 9.0 which is another good indication that algal growth is on the decline. DO is doing well since there were no major blooms this summer.

Water Quality Stats (as of 08-26-20)

Maximum Depth: 14.8feet (dam outlet) Water Temperature: 75.0^o F (taken 3 feet below surface)

Water Clarity: 1.1 feet (≥ 3 feet is good) Dissolved Oxygen: 102.9% (>80% is good)

pH: 8.73 (between 6 and 9 is good) Chlorophyll-a: <35 ppb (How green, ≤ 25 is good)

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

The annual Stakeholder meeting is coming in September (September 22nd). This is a great opportunity for to check in to see what BMW has been up to for 2020. We are busier than ever and there is lots to talk about. Check the www.barr-milton.org site to get all the details.

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

