



Milton Reservoir Water Quality Report



August 29, 2018

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, lake users, or downstream water users.

August – Not much is growing in Milton. There are no aquatic plants near shore because of fluctuating water levels and there are no major blue-green algae blooms. The water temperature has dropped 4 degrees in the past two weeks and will continue to cool off. Milton’s water temperature has closely followed the 15-year average for most of 2018. Given the current pH and dissolved oxygen levels, there may not be major algae bloom in the near future. There is plenty of algae but no blue-green algae that can form floating scums. Samples were collected for algae identification and will be analyzed in about a week. The deepest location near the dam outlet is just over 15 feet and this is right at average for this time of year.

Be algae aware. Summer is the time when blue-green algae like to grow. They are the only algae that can float to the surface and form harmful scums. Be algae aware and avoid contact with the scum.



Watershed News

Welcome our new intern, Samantha Mills. Come to a BMW event this summer and say hi to her. The annual BBQ and Stakeholder meeting is coming up in September. Come enjoy some good food and hear what the BMW Association has been up to for the past year. This is a great time to learn about watershed activities and water quality conditions in Barr and Milton.

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 08-29-18)

Maximum Depth: 15.7 feet (dam outlet) Water Temperature: 70.7° F (taken 3 feet below surface)

Water Clarity: 1.6 feet (≥ 3 feet is good) Dissolved Oxygen: 102.7% (>80% is good)

pH: 8.49 (between 6 and 9 is good) Chlorophyll-a: <30 ppb (How green, ≤ 25 is good)

