



# Barr Lake Water Quality Report



September 11, 2018

## 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.

*September* – We are now into the last growing season month for 2018. Barr Lake is still dropping about 1.5 feet per week. The last time the reservoir was this low was in the fall of 2014. The old railroad bed is partially exposed and is silt free in many areas. Carp are noticeable everywhere. There is an effort underway this month to capture carp with a large 60' x 30' box net and remove them from the lake in order to reduce bioturbation. The plan is to bait the net with corn to train the carp to enter the net area. The goal is to capture up to 1,000 carp in one netting. Since the reservoir is low, we plan to bait the net a few times before it starts to refill. The temperature profile shows that the reservoir is the same temperature from top to bottom with a slight warming at the surface during the day.

*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 fall and say hi to her. The annual BBQ and Stakeholder meeting is happening on September 25th. 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.

You can learn more about the lake and what is going on in the watershed by going to [www.barr-milton.org](http://www.barr-milton.org).

Contact Amy Conklin, watershed coordinator, at [amy.conklin@comcast.net](mailto:amy.conklin@comcast.net) or 303-795-5925.

*Cooperation, Involvement, and Awareness*

## Water Quality Stats (as of 09-11-18)

Maximum Depth: 14.8 feet (between dam outlets)      Water Temperature: 70.2° F (taken 3 feet below surface)

Water Clarity: 2.5 feet (≥ 3 feet is good)      Dissolved Oxygen: 119.7% (>80% is good)

pH: 9.00 (between 6 and 9 is good)      Chlorophyll-a: <40 ppb (How green, ≤ 25 is good)

