



# Barr Lake Water Quality Report



July 25, 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.

*July* – With the first summer month almost over, Barr Lake’s water quality is looking good. There were no major blue-green algal blooms in July and both the pH and oxygen were meeting the standards this week. July started out dry and hot and the cooler, wetter weather in the last couple of days might be encouraging less algal growth. Barr Lake was slightly cooler at the end of the month than at the beginning. The last week of July or first week of August is when water temperatures usually peak. Water level continues to drop at Barr. Phosphorus has steadily increased since early June and is higher than last year’s July values. With no water coming into Barr, this increase of phosphorus most likely came from the lake sediments.

*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. Lakes Appreciation Day celebration is coming soon – BMW Association will have a booth at the Adams County Fair on August 3<sup>rd</sup>. Stop by and get a free t-shirt that you can color yourself. Be on the lookout for the poop balloon that encourages people to pick up after their pets.*

## 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 07-25-18)

Maximum Depth: 23.0 feet      Water Temperature: 75.4<sup>o</sup> F  
(between dam outlets)              (taken 3 feet below surface)

Water Clarity: 5.2 feet              Dissolved Oxygen: 76.7%  
(≥ 3 feet is good)                      (>80% is good)

pH: 8.89                                  Chlorophyll-a: <30 ppb  
(between 6 and 9 is good)              (How green, ≤ 25 is good)

