



# Barr Lake Water Quality Report



August 11, 2020

## 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.

*August* – The peak of warmest water temperature is here in early August. By the end of this month, water temperatures will be declining. Cyanobacteria are dominating but not blooming. Percent DO in the upper mixing layer is right at 100% which indicates no major growth happening. Yes, there are cyanobacteria present in Barr but this is typical and not alarming. As always with any waters, avoid contact with any floating scums and thoroughly wash off equipment and yourself if you do come into contact with a scum. Most issues with Cyanobacteria is when animals drink or consume it. Barr Lake is green and that is normal for August.

## Water Quality Stats (as of 08-11-20)

Maximum Depth: 16.7 feet (between dam outlets)      Water Temperature: 74.9° F (taken 3 feet below surface)

Water Clarity: 3.1 feet (≥ 3 feet is good)      Dissolved Oxygen: 106.7% (>80% is good)

pH: 8.83 (between 6 and 9 is good)      Chlorophyll-a: <30.0 ppb (How green, ≤ 25 is good)

*Do your part. Keep trash out of Barr Lake. Tires, mattresses, oil cans, Styrofoam, and just about anything else ends up at Barr Lake. Keep trash out of the storm drains by picking up trash you see.*



## Watershed News

*The BMW Association has formed a committee to update the pH TMDL Implementation Plan. The Plan was written in 2011 and it due for an update. The Association has conducted a few studies and will update the Plan with results, new studies, and a new schedule for implementing the pH TMDL.*

### 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*



Chl-a - Barr Lake

