



# Barr Lake Water Quality Report



July 26, 2017

## 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* – A third of the growing season for lakes and reservoirs is over. August and September are left. July was a good month for Barr Lake. There were no lake-wide algal blooms, Chl-a remained below the goal of 25 ug/L or less, but pH was above 9.0. The water level is steadily decreasing and is close to average depth for this time of the summer. The total phosphorus levels were 300 ug/L in early July. This is closer to the maximum total phosphorus goal of 100 ug/L than previous years. The soluble portion of the total phosphorus (Soluble Reactive Phosphorus) that algae like to use was 230 ug/L in early July.

*That time of year when people fertilize their yards. In some states, it is the law to sweep any fertilizer that gets on your sidewalk or driveway. Do your best to keep fertilizer from getting to Barr Lake.*



## Watershed News

*Upcoming events include the Adams County Fair, August 4<sup>th</sup>, Annual BMW BBQ in September, and over 300 storm drains were recently marked in Denver. The water summer season is here, be algae aware and avoid contact with algae scums.*

### 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 07-26-17)

Maximum Depth: 27.6 feet (between dam outlets)      Water Temperature: 76.5<sup>o</sup> F (taken 3 feet below surface)

Water Clarity: 3.6 feet (≥ 3 feet is good)      Dissolved Oxygen: 117.5% (>80% is good)

pH: 9.26 (between 6 and 9 is good)      Chlorophyll-a: <20 ppb (How green, ≤ 25 is good)

Median Chl-a by Month, Barr Lake

