



# Barr Lake Water Quality Report



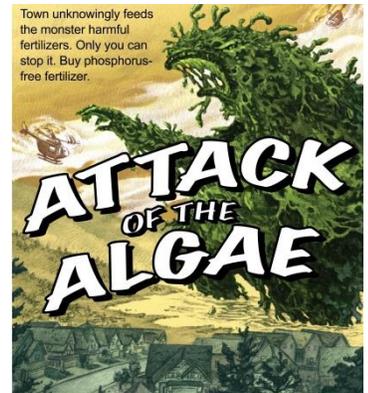
September 28, 2016

## 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* – This concludes the last sampling of the 2016 summer/growing season for Barr Lake. The main focus to understand water quality in Barr Lake occurs between July and September. This is the time when water quality standards apply. Sampling still happens between October and June in order to understand how the lake behaves all year long. Algae can still grow in the fall and even under the ice during the winter. Barr Lake is still dropping and is close to being at the lowest point for the year. Despite the cooler temperatures and shorter days, algae are still growing. Oxygen is plentiful from top to the bottom.

*Fertilizers, pet waste, dirt on the road, and leaky cars can send nutrients and other chemicals to the lake. Do your best to keep them out of the water and keep the algae monster under control.*



## Watershed News

*If you are traveling through DIA, stop and check out the BMW display about watersheds, Lake Appreciation Month, and Colorado State Parks. You can even win a park pass if you take a selfie with it. The display is at the southern end of baggage claim on the east side.*

## 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 09-28-16)

Maximum Depth: 18.7 feet (between dam outlets)      Water Temperature: 64 ° F (taken 3 feet below surface)

Water Clarity: 1.3 feet (≥ 3 feet is good)      Dissolved Oxygen: 124 % (>80% is good)

pH: 9.02 (between 6 and 9 is good)      Chlorophyll-a: >25ppb (How green, ≤ 25 is good)

