



# Barr Lake Water Quality Report



September 12, 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.

**September** – Barr Lake has dropped three feet in the past two weeks and still has a brownish color to the water. The turbid water may be caused by algae growth like diatoms or by inorganic suspended material like clay that came in with storm water in early August. The reservoir is about 9 feet above average for this time of year. This is the last month of the growing season and blue-green algae growth has slowed because of turbid water. It has been warmer and drier for the past four weeks and the water temperature continues to slowly decrease.

## Water Quality Stats (as of 09-12-17)

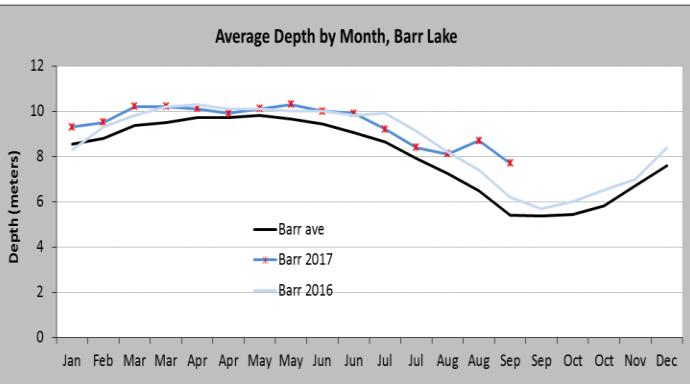
Maximum Depth: 25.3 feet      Water Temperature: 70.7° F  
(between dam outlets)      (taken 3 feet below surface)

Water Clarity: 2.1 feet  
( $\geq$  3 feet is good)

Dissolved Oxygen: 91%  
(>80% is good)

pH: 8.98  
(between 6 and 9 is good)

Chlorophyll-a: <40 ppb  
(How green,  $\leq$  25 is good)



Rain water only goes down the storm drain. No dumping. BMW Association is helping Denver mark storm drains. Notice in the photo the stain of oil leading to a drain.



## Watershed News

The annual BMW stakeholder meeting and barbecue is scheduled for September 26<sup>th</sup>. Come hear about news in the watershed and get an update on the water quality. Free lunch and boat rides are included.

## 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

