



Barr Lake Water Quality Report



July 11, 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 – Happy Lakes Appreciation month. Barr Lake has not yet experienced any surface blooms this season. There are beginning signs of a blue-green algae bloom but nothing forming on the surface. Both oxygen and pH indicate that the growth of algae in early July is ramping up. Phosphorus is similar to last year, staying well below the average concentration. The overall goal is to get below 100 parts per billion or 0.10 mg/L. July is peak growing season for lakes because of the warmest water temperatures. Barr Lake's water level is beginning to drop and is about two feet lower than last week.

Water Quality Stats (as of 07-11-17)

Maximum Depth: 30.2 feet (between dam outlets) Water Temperature: 76.5° F (taken 3 feet below surface)

Water Clarity: 4.2 feet (≥ 3 feet is good) Dissolved Oxygen: 156% (>80% is good)

pH: 9.33 (between 6 and 9 is good) Chlorophyll-a: <50 ppb (How green, ≤ 25 is good)

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

Lake Appreciation Day is July 15th, come and help clean up the lake and have some fun on the water. July is National Lakes Appreciation Month. It is a great time to give back to Barr Lake. 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.

Contact Amy Conklin, watershed coordinator, at amy.conklin@comcast.net or 303-795-5925.

Cooperation, Involvement, and Awareness



Average TP by Month, Barr Lake

