



Barr Lake Water Quality Report



August 13, 2019

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 – Barr Lake has been very productive lately. Phosphorus concentrations are similar to last year, but the water is slightly warmer. Either way, blue-green algae have been growing lake-wide. Oxygen levels are below 100%, and the lake seems to be turning over – water temperature is the same top to bottom which has brought up some low oxygenated water from the bottom of the lake. It is hard to explain how a lake responds biologically from year to year. Besides warmer and drier weather this summer, Barr Lake was completely refilled last fall after the big drawdown. More water and more nutrients did enter the lake over the winter.

Runoff from snow and thunder storms this spring creates lots of flow from our streets, parking lots, and driveways. Do your part by keeping the drains clear of trash and debris.



Watershed News

15th Annual BMW Association BBQ and stakeholder meeting at Barr Lake Nature Center on September 24th. Meeting will start at 9:30am. This is a great time to hear the latest on watershed activities and water quality updates. A free lunch is included. Please contact Amy Conklin if you plan to attend.

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



Water Quality Stats (as of 08-13-19)

Maximum Depth: 26.9 feet (between dam outlets) Water Temperature: 75.7^o F (taken 3 feet below surface)

Water Clarity: 4.8 feet (≥ 3 feet is good) Dissolved Oxygen: 68.3% (>80% is good)

pH: 8.70 (between 6 and 9 is good) Chlorophyll-a: <100 ppb (How green, ≤ 25 is good)

