



Barr Lake Water Quality Report



June 25, 2018

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.

June – The on-water recreation at Barr Lake has noticeably increased this summer. This includes summer day campers, paddle boarders, canoeists, fishing people, and kayakers. During sampling, there were no signs of blue-green algae forming at the surface in the open water. pH was right at 7.0 (neutral), and the dissolved oxygen was just under 100% saturation. Both indicating that there was no current algal bloom forming. Things do change quickly, especially during the warmer part of the year. Water is over 70 degrees, and blue-green algae prefer these warmer water temperatures. The water level is starting to drop and is right on average for this time of the year. Water clarity of almost 6 feet is excellent for late June.

Be algae aware. Summer is the time when blue-green algae like to grow. They are the only algae that can float to the surface and form harmful scums. Be algae aware and avoid contact with the scum.



Watershed News

Welcome our new intern, Samantha Mills. Come to a BMW event this summer and say hi to her. Lakes Appreciation Day celebration is coming soon – July 14th! RSVP at the nature center if you want to come out and volunteer. Free lunch and on the water activities will happen in the afternoon. It is a good way to give back.

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 06-25-18)

Maximum Depth: 30.2 feet (between dam outlets) Water Temperature: 73.2^o F (taken 3 feet below surface)

Water Clarity: 5.9 feet (≥ 3 feet is good) Dissolved Oxygen: 94.4% (>80% is good)

pH: 6.96 (between 6 and 9 is good) Chlorophyll-a: =13 ppb (How green, ≤ 25 is good)

Average Depth by Month, Barr Lake

