



Barr Lake Water Quality Report



August 29, 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.

August – Barr Lake is still dropping. The deepest depth by the dam is just over 18 feet. The current lake volume is about 7,000 acre-feet (21% of full volume) and the surface area is about 790 acres (42% of full surface area). The island that appears in the middle of the lake is about 4 feet below the lake surface and might show up in about a week. Be careful when boating around the lake during these lower water levels. Water clarity is above three feet, and there are no signs of any major algae blooms. There is still one more month left for the lake growing season, and it looks like Barr Lake will continue to not have any major blue-green algae blooms. Water temperature is dropping and is right at average for this time of year.

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. The annual BBQ and Stakeholder meeting is coming up in September. Come enjoy some good food and hear what the BMW Association has been up to for the past year. This is a great time to learn about watershed activities and water quality conditions in Barr and Milton.

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 08-29-18)

Maximum Depth: 18.4 feet (between dam outlets) Water Temperature: 70.1° F (taken 3 feet below surface)

Water Clarity: 3.6 feet (≥ 3 feet is good) Dissolved Oxygen: 85.8% (>80% is good)

pH: 8.55 (between 6 and 9 is good) Chlorophyll-a: <30 ppb (How green, ≤ 25 is good)

