



Barr Lake Water Quality Report



July 27, 2022

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 the efforts to monitor, test, and improve the water quality in Barr Lake. Regular lake sampling started in 2002.

July – Storms on Tuesday night sent stormwater into the S. Platte River. The only flows entering Barr Lake were stormwater flows being pumped directly from the S. Platte River via the Beebe Pipeline. 25-30 cfs was entering Barr Lake during sampling. Barr Lake is quickly dropping. Depth was 7.2 meters on July 11 and on July 27 it was 5.5 meters deep. No visual signs of surface scum. Blue-green algae growth is increasing indicated by the percent dissolved oxygen levels and the increased pH. Total phosphorus levels are remaining lower than average, some of the lowest numbers since 2003. TP has increased since early June.



Watershed News

A new bridge, 50th Ave., crosses the river just upstream of the Burlington Head Gate. The autosampler will be relocated to the bridge as soon as it is completed.

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 Sami Miller, watershed coordinator, at sami.miller2019@gmail.com.

Cooperation, Involvement, and Awareness



Water Quality Stats (as of 07-27-22)

Maximum Depth: 18.0 feet (between dam outlets) Water Temperature: 75.9° F (taken 3 feet below surface)

Water Clarity: 4.1 feet (≥ 3 feet is good) Dissolved Oxygen: 142.5% (>80% is good)

pH: 8.99 (between 6 and 9 is good) Chlorophyll-a: <40.0 ppb (How green, ≤ 25 is good)

