



Barr Lake Water Quality Report



November 08, 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.

November – Inflows were turned off for a few days to allow for some head work cleaning (see photo). Flows are back on, and the S. Platte River is being swept at the Burlington Head Gate to start the refill period at Barr Lake. Oxygen levels close to 100% indicate no major algal growth. This results in a pH that is within the range of 6.5 and 9.0. Water temperature is right at average, and the water depth is still a little shallower than normal. Total phosphorus has been below average for most of 2022. There have been a few spikes in total phosphorus for the bottom water samples (hypolimnion). This is caused by low oxygen levels near the lake sediments.



Watershed News

Heading into winter, there is a major effort to keep tree leaves out of our streets and storm drains. Leaf Drop Off programs are important for watershed residents to participate in. Keep leaves out of the street. They end up triggering algae blooms downstream in Barr/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 Sami Miller, watershed coordinator, at sami.miller2019@gmail.com.

Cooperation, Involvement, and Awareness



Water Quality Stats (as of 11-08-22)

Maximum Depth: 16.4 feet (between dam outlets) Water Temperature: 45.4° F (taken 3 feet below surface)

Water Clarity: 1.8 feet (≥ 3 feet is good) Dissolved Oxygen: 101.1% (>80% is good)

pH: 8.67 (between 6 and 9 is good) Chlorophyll-a: <40.0 ppb (How green, ≤ 25 is good)

