



Barr Lake Water Quality Report



October 26, 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.

October – Water continues to enter Barr Lake. Flows from S. Platte River via the Burlington Head Gate, First Creek, and the Beebe Pipeline. Algal growth is slowly down compared to earlier in the month. Oxygen is close to 100% and pH is down. Diatoms are the dominant species causing the water to look dark green or brownish. Oxygen levels are great top to bottom. Some stormwater will be entering Barr Lake this week from the Thursday rain event across the watershed. Water depth is still below average for this time of year and it is following the normal pattern for this fall.



Watershed News

Storm water managers across the watershed are working on new monitoring efforts because of recent discharge permit updates. This will include both dry and wet weather data from outfalls. There is a great storm water dataset for the S. Platte River going back years.

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 10-26-22)

Maximum Depth: 13.5 feet (between dam outlets) Water Temperature: 51.5° F (taken 3 feet below surface)

Water Clarity: 1.8 feet (≥ 3 feet is good) Dissolved Oxygen: 103.0% (>80% is good)

pH: 8.75 (between 6 and 9 is good) Chlorophyll-a: <50.0 ppb (How green, ≤ 25 is good)

Average Depth by Month, Barr Lake

