



Barr Lake Water Quality Report



September 24, 2025

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.

September – This was the last sampling event for the 2025 growing season. This is the time of year though when the blue—green algae thrive. Water is still warm, the water depth is low, and there is not much movement of water. The reservoir is about 400 acres in size which is a big decrease from the full pool size of 1,800 acres. The box net has been installed in Barr Lake and will be used 3-4 times to capture and remove invasive, common carp. So far this year we have collected 758 carp. This net will be used through the month of October.



Watershed News

USGS is conducting a third S. Platte River Synoptic Study upstream of Barr Lake. The study includes low flow, snowmelt, and a storm event. BMW has supported this effort. Final report will be available in 2027. Keep up to date on Barr Lake and Milton Reservoir activities by going to www.barr-milton.org.

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 miller.sami@outlook.com.

Cooperation, Involvement, and Awareness



Water Quality Stats (as of 09-24-25)

Maximum Depth: 14.8 feet (between dam outlets) Water Temperature: 63.2° F (taken 3 feet below surface)

Water Clarity: 2.0 feet (≥ 3 feet is good) Dissolved Oxygen: 100.8% (>80% is good)

pH: 8.90 Chlorophyll-a: <40.0 ppb (How green, ≤ 25 is good)

Phosphorus at Burlington Head Gate

