



Barr Lake Water Quality Report



June 10, 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.

June – Barr Lake is full and summer is in full swing. Flows were still coming in but most of them were going around Barr Lake to Horse Creek Reservoir. There were still clear waters, but the blue-greens are coming. With the coming hotter weather and calm waters, blue-greens will grow well. For the past two weeks, Barr Lake has been thermally stratified allowing for complete depletion of dissolved oxygen at the bottom of the lake. This is when internal loading of phosphorus and ammonia occurs. The bottom two meters or six feet of water is without any oxygen. This covers roughly 600 acres of lake sediment where phosphorus is being dissolved up into the water column to be used by algae.



Watershed News

The annual carp tournament is coming up on June 5th. Registration is \$10/person. The annual watershed tour is scheduled for June 24th. Registration will be available by June 1st. Bike to Work Day is June 25th. 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 06-10-25)

Maximum Depth: 31.8 feet (between dam outlets) Water Temperature: 74.1^o F (taken 3 feet below surface)

Water Clarity: 13.5 feet (≥ 3 feet is good) Dissolved Oxygen: 122.7% (>80% is good)

pH: 8.18 (between 6 and 9 is good) Chlorophyll-a: <5.0 ppb (How green, ≤ 25 is good)

Barr Lake Dissolved Oxygen Profiles (2025)

