



# Barr Lake Water Quality Report



September 12, 2023

## 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. This monitoring effort started in 2002.

*September* – We are nearing the end of the “growing season” for Colorado lakes and reservoirs. Barr Lake was showing signs of a shoreline bloom on the eastside of the lake where the algae tend to concentration because of the winds. In the open waters, concentrations of algae were much less. During in-reservoir monitoring 1.0 meter and 6.0 meter water was collected. Most of the analysis will be for nitrogen and phosphorus species. SRP or Soluble Reactive Phosphorus is the portion of Total Phosphorus that is readily available for algae to use. The state standard of 0.047 mg/L that will go into effect in 2028 is for TP.



## Watershed News

Annual BBQ and Stakeholder meeting is coming up September 26<sup>th</sup> at Barr Lake Nature Center from 9am to noon. There will be opportunities to hear updates, ask questions, and get out on the water. Equipment was installed in Barr Lake this week. The website will have a link soon to the data.

## 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](http://www.barr-milton.org).

Contact Sami Miller, watershed coordinator, at [miller.sami@outlook.com](mailto:miller.sami@outlook.com).

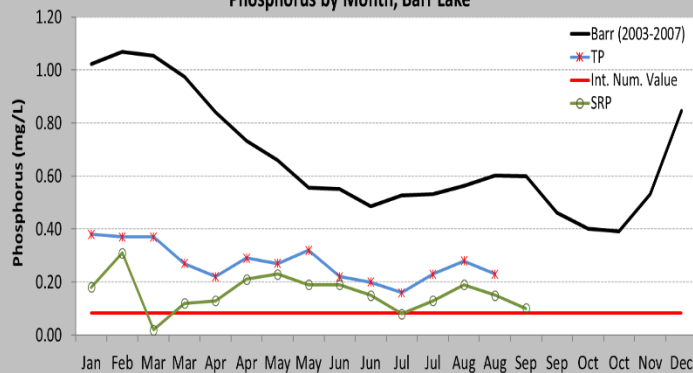
## Water Quality Stats (as of 09-12-23)

Maximum Depth: 22.3 feet (between dam outlets)      Water Temperature: 69.6° F (taken 3 feet below surface)

Water Clarity: 3.6 feet (≥ 3 feet is good)      Dissolved Oxygen: 102.2% (>80% is good)

pH: 8.74 (between 6 and 9 is good)      Chlorophyll-a: <25 ppb (How green, ≤ 25 is good)

Phosphorus by Month, Barr Lake



*Cooperation, Involvement, and Awareness*

