



Barr Lake Water Quality Report



April 11, 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.

April – Barr Lake is very close to full pool and is slightly warmer than average for early April. All water quality parameters are looking good. Oxygen, pH, and chl-a would meet state standards. The period between spring and early summer is typically when water quality is the best at Barr. The chart below shows the pattern of water clarity (i.e., algal growth) from 2003 to 2007 and how it compares to 2022 and the first quarter of 2023. Barr's clarity and algal growth is about average and several feet deeper than one year ago. The dissolved phosphorus is 0.12 parts per million. The goal is to have total phosphorus below 0.1 parts per million. Total phosphorus is around 0.25 parts per million.



Watershed News

That time of year when lawn owners go out and fertilizer their lawns. To help with water quality in Barr and Milton, please use phosphorus free lawn fertilizers if you are planning to fertilize this year. Make sure you clean up all spills and keep leaves, grass clippings and dirt from getting to the storm drains. Lovecoloradowater.org/care

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.

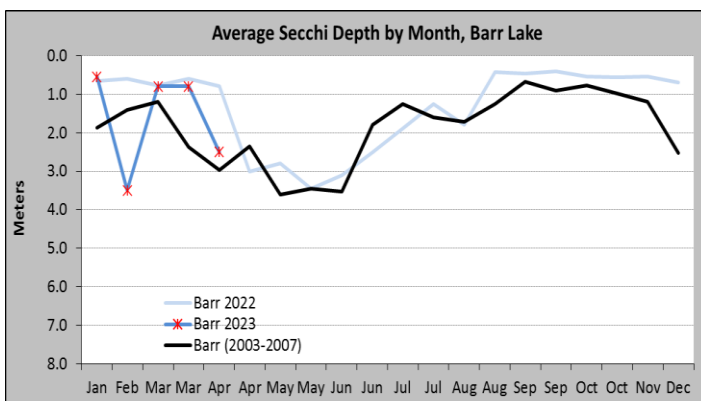
Contact Sami Miller, watershed coordinator, at miller.sami@outlook.com.

Water Quality Stats (as of 04-11-23)

Maximum Depth: 30.5 feet (between dam outlets) Water Temperature: 52.2° F (taken 3 feet below surface)

Water Clarity: 8.2 feet (≥ 3 feet is good) Dissolved Oxygen: 125.3% (>80% is good)

pH: 8.85 (between 6 and 9 is good) Chlorophyll-a: <20.0 ppb (How green, ≤ 25 is good)



Cooperation, Involvement, and Awareness

