



Barr Lake Water Quality Report



October 8, 2019

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 of the efforts to monitor, test, and improve the water quality in Barr Lake. Regular lake sampling started in 2002 and will continue into the future. It is important to closely monitor water quality to observe any major changes that would impact wildlife, park users, or downstream water users.

October – Barr has dropped another foot and a half in the last two weeks. The deepest spot is near the west outlet at around 21 feet deep. This water depth is right at average for this time of year. S. Platte River water is coming in, but the outflows are slightly greater. A total of 1,589 carp have been removed so far in 2019. This is also the time of year when the water temperatures quickly drop. Carp tend to stop feeding at 50 F and that typically occurs by the end of October. October will be the last month with bi-weekly sampling. Levels of phosphorus quickly dropped since July mainly from the uptake from algae and no inflows to Barr.

Water Quality Stats (as of 10-08-19)

Maximum Depth: 19.0 feet (between dam outlets) Water Temperature: 58.7° F (taken 3 feet below surface)

Water Clarity: 2.0 feet (≥ 3 feet is good) Dissolved Oxygen: 129.5% (>80% is good)

pH: 8.69 (between 6 and 9 is good) Chlorophyll-a: >20 ppb (How green, ≤ 25 is good)

Runoff from snow and thunder storms this spring creates lots of flow from our streets, parking lots, and driveways. Do your part by keeping the drains clear of trash and debris.



Watershed News

Denver Water, CPDHE, and EPA have been working on a plan to reduce lead in drinking water without the use of phosphorus. A decision will be made this fall. The plan is to have Denver Water remove 60,000+ private lead lines, increase alkalinity to avoid corrosion, and hand out free water filters for the next few 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 Amy Conklin, watershed coordinator, at amy.conklin@comcast.net or 303-795-5925.

Cooperation, Involvement, and Awareness

