



Barr Lake Water Quality Report



October 13, 2020

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 Lake is low. Construction on the East outlet is still happening. Most visual water quality notice was the colloidal cloudiness of the water. With only 7 feet of water depth, the water column is very turbid. Water clarity was just over 8 inches in depth. There is no light penetration below a foot of water, thus allowing very little opportunity for algae to grow. Oxygen and pH are lower than normal because of this. Close to 1,240 carp have been removed this year. The overall total is over 8,000 carp have been removed since 2014. Next month, the water year starts over and Barr Lake can start refilling.

Do your part. Keep trash out of Barr Lake. Tires, mattresses, oil cans, Styrofoam, and just about anything else ends up at Barr Lake. Keep trash out of the storm drains by picking up trash you see.



Watershed News

Next up is the annual board retreat. This fall, the board of directors will work for half of a day to talk about big topics and go over future projects. We are busier than ever and there's lots to talk about. Check the www.barr-milton.org site to stay up to speed on projects and other water topics.

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



Water Quality Stats (as of 10-13-20)

Maximum Depth: 7.2 feet (between dam outlets) Water Temperature: 55.0° F (taken 3 feet below surface)

Water Clarity: 0.6 feet (≥ 3 feet is good) Dissolved Oxygen: 74.4% (>80% is good)

pH: 7.74 (between 6 and 9 is good) Chlorophyll-a: <20 ppb (How green, ≤ 25 is good)

D.O. Average by Month, Barr Lake (0.5 - 2.0 m)

