



Barr Lake Water Quality Report



August 8, 2017

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.

August – The weather shifted in early August and has been unseasonably cooler, cloudier, and wetter. This change in weather has cooled the surface water in Barr. The most noticeable water quality impact from a change in weather, besides water temperature, is dissolved oxygen. Oxygen was below 5.0 mg/L or parts per million for the entire water column. Barr is now fully mixing after being thermally stratified since mid April. The Oxygen below 7 meters has been at zero mg/L for the past two months due to the mixing.

Rain water only goes down the storm drain. No dumping. BMW Association is helping Denver mark storm drains. Notice in the photo the stain of oil leading to a drain.



Watershed News

Just over 300 storm drains were marked in the Cole Neighborhood just upstream of the Burlington Head Gate. A group of youth girls spent a week gluing small plaques next to storm drains that informs people that the water goes straight to the S. Platte River.

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 08-08-17)

Maximum Depth: 26.6 feet (between dam outlets) Water Temperature: 70.8° F (taken 3 feet below surface)

Water Clarity: 3.3 feet (≥ 3 feet is good) Dissolved Oxygen: 63.7% (>80% is good)

pH: 8.93 (between 6 and 9 is good) Chlorophyll-a: <20 ppb (How green, ≤ 25 is good)

Barr Lake Temperature Profiles (2017)

