



Barr Lake Water Quality Report



June 6, 2016

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.

June – Summer is here and so is the growing season for Barr Lake. The official growing season defined by the state for lakes and reservoirs is July through September, but one can argue that June should also be included. June is when recreation increases, when water temperatures increase, and when algae start to grow. Either way, Barr is in summer mode with temperatures above 70° F and plenty of park users fishing and enjoying the long summer days. The good clarity did not last very long. Algae are growing well again causing the oxygen to go well over 100%. Since Barr is still deep, the water column is thermally stratified – warm water floating on top of cooler water.

Water Quality Stats (as of 06-06-16)

Maximum Depth: 32.8 feet (between dam outlets) Water Temperature: 70.3° F (taken 3 feet below surface)

Water Clarity: 5.0 feet (≥ 3 feet is good) Dissolved Oxygen: 220% (>80% is good)

pH: 8.98 (between 6 and 9 is good) Chlorophyll-a: <30 ppb (How green, ≤ 25 is good)

Don't forget to bring along a bag to pick up after your pet on those nice summer walks. Pet waste can be a source of nutrients and bacteria that can harm water quality.



Pick up after your dog.

Don't drink from local streams and rivers, which end up in our lakes and reservoirs. So please, pick up after your pet, and help keep bodies of water as places to fish, swim, and enjoy.



Watershed News

BMW Association's annual watershed tour is June 28th. The tour will start at Barr Lake's nature center and include stops at ECCV treatment facility and Milton Reservoir for a lunch BBQ. Kayaking on Lake Christina will also be included. Come and have some fun in the BMW. Contact Amy Conklin to register.

Join BMW Association

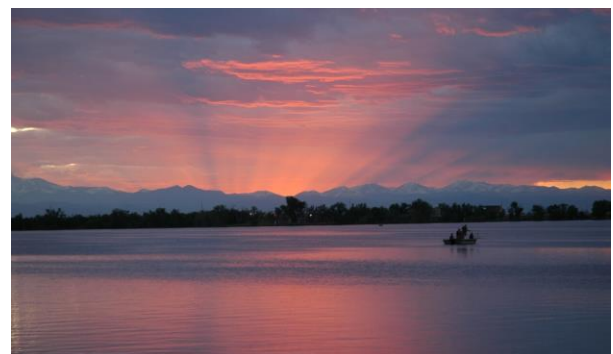
BARR LAKE AND MILTON RESERVOIR ASSOCIATION

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



Barr Lake Temperature Profiles (2016)

