



Milton Reservoir Water Quality Report

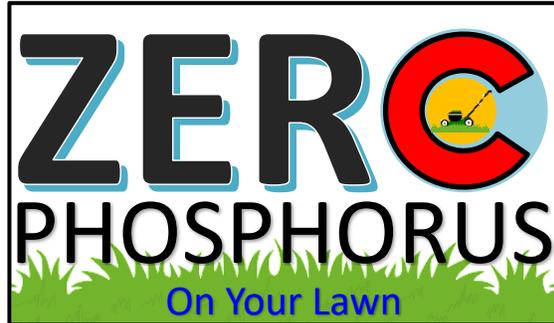


November 08, 2022

Water Summary

Milton Reservoir 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 Milton. Regular lake sampling started in 2002.

November – November is the beginning of the water year for Barr and Milton. Due to the continuing dredging near the Platte Valley Canal inlet and the timing of when Milton is allowed to refill, no water is entering Milton. Typically, inflows start in February after Barr Lake has filled. Milton continues to experience major algal growth. Most of it being diatoms. With no water movement and nutrient rich waters, the algae continue to grow despite below average levels throughout 2022. Both percent dissolved oxygen and pH are high which are response variables to the growth of algae. Similar to Barr Lake, Milton did have slight increases in phosphorus in the bottom water (hypolimnion) during periods of low oxygen.



Watershed News

Heading into winter, there is a major effort to keep tree leaves out of our streets and storm drains. Leaf Drop Off programs are important for watershed residents to participate in. Keep leaves out of the street. They end up triggering algae blooms downstream in Barr/Milton.

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 Lake and Milton Reservoir.

You can learn more about the lakes 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 11-08-22)

Maximum Depth: 7.9 feet (dam outlet) Water Temperature: 41.6° F (taken 3 feet below surface)

Water Clarity: 1.0 feet (≥ 3 feet is good) Dissolved Oxygen: 129.1% (>80% is good)

pH: 9.38 Chlorophyll-a: <120.0 ppb (between 6 and 9 is good) (How green, ≤ 25 is good)

