



Barr Lake and Milton Reservoir Watershed Association

Ken Wagner, National Recognized Limnologist and Certified Lake Manager, is coming to Speak March 22nd

The BMW Association has been making steady progress on implementation of the TMDL. It's current focus is to examine what can be done in the reservoirs to help reduce the amount of phosphorus that comes from the sediments.

It is estimated that just over 8,800 pounds of phosphorus that comes from the sediments gets into the Barr Lake water. This is called internal loading – the amount of phosphorus that come from within the reservoir. This source of nutrients comes from fish excrement and decomposed algae growth. It becomes mobile when wind and wave action stirs up the sediments, or when the water has no oxygen.

There are a handful of in-reservoir management techniques that lake managers use to help control internal loading of phosphorus. Ken Wagner, with Water Resource Services out of Massachusetts, has been hired to look at Barr Lake and Milton Reservoir to evaluate the options for controlling internal loading. Ken is an expert when it comes to restoration techniques for lakes. Ken will be speaking at the March 22nd stakeholder meeting specifically about what may or may not work for Barr and Milton and in general for lakes and reservoirs.

BMW encourages anyone that manages a lake or reservoir to attend this meeting to see what Ken has to say about dredging, aeration, oxygenation, destratification, mixing, alum, and other techniques. Ken is an excellent speaker and has written many peer-review documents about lake management. An example is the [Practical Guide to Lake Management in Massachusetts](#).

www.mass.gov/eea/docs/dcr/watersupply/lakepond/downloads/practical-guide-no-pics.pdf

Please contact Amy Conklin, watershed coordinator, if you would like to attend the meeting so we can plan accordingly. The meeting will be held in the Denver metro area on March 22nd. Details are forthcoming.

Barr/Milton Watershed Educational Opportunities

Now that the TMDL has been approved, the next major step is to implement it. Public education is an integral element of the implementation process that is being overseen by they BMW information/Education committee. This committee is planning fun educational events at Barr Lake, within the surrounding lake communities, and throughout the watershed. Please consider volunteering at an event this year or attending one of the committee meetings



Barr Lake State Park Park Manager Update



It's hard to believe that it is already 2016! This will be the year of many changes at Barr Lake State Park. The Nature Center project has started with some initial projects that include removing the kitchen and adding a new septic system.

Construction of the new building will start in March, and be complete in 6 months. Look for our BIG grand opening in late September to early October.



Come check out our wintery bald eagle population. Our nesting pair has been spotted and are showing signs of courting. Great time to get outdoors!



Big thank you to the Friends of Barr Lake for sponsoring our New Years Eve Noon event and First Day Hike. These events would not be possible without their support!

Thank you to all for your continued support and love of Barr Lake! See you soon!

New Intern Introduction

My name is Shursteen Sharpe and I am very excited to have the opportunity to intern with the Barr Lake and Milton Reservoir Watershed Association this upcoming spring and summer. I am currently starting my last year at MSU Denver. I hope to graduate next December with a major in Biology and minors in both Water Studies and Chemistry. Additionally, I play for the MSU Denver Women's Soccer team and next fall will be my senior season due to receiving a medical redshirt when I was a junior. Upon graduation from MSU Denver, I will be attending graduate school internationally for Zoology, Ecology or Animal Conservation, in the hope that I can eventually have my dream career of helping run an animal sanctuary. During my time as an intern from BMW, I hope to experience a multitude of fields including field sampling, outreach to the community with events and newsletters, creating an interactive display for DIA, and shadowing professionals within many different roles. If you or anyone within your area would allow me the chance to shadow them, my availability is Monday and Wednesday evenings, Friday after 12:30 pm and most weekends all day. The best way to contact me is through my email: ssharpe7@msudenver.edu.



Welcome to the quarterly newsletter of the Barr Lake and Milton Reservoir Watershed (BMW) Association assembled by the BMW Information and Education Committee. The mission of the Committee is to reach out to all people in the watershed and provide water quality information important to the health of Barr Lake and Milton Reservoir.

Mark your calendar for these upcoming events in the watershed

- Raptor Run April 9th
- Spring Fishing Clinic May 7th
- Tri-cities water festival May 12th
- Bromley East end of School fun day in mid May
- Brighton Culture Fest June 4th
- River Fest June 25th and 26th
- Lake Appreciation Day July 16th
- Kid's day at Adams County Fair July 29th
- Commerce City Neighborhood Event in August
- Fall Birding Festival September 10th
- Shoreline Cleanup September 24th
- Harvest Festival October 8th
- Halloween Trail October 29th



Watershed events that BMW will be at:

Adopt-a-Watershed program will kick off in 2016, World Water Quality Monitoring Day September 20th, Colorado Watershed Assembly annual conference in October, and the Cherry Creek Watershed Partnership Conference in November.

BMW has a complete table top display designed to introduce folks to the watershed group and it's activities. Free materials are available for all ages including a color-on t-shirt for kids and matching coloring book. You can always find out about current meetings and events by going to www.barr-milton.org.

Barr Lake and Milton Reservoir in the Winter



Important Websites:

- BMW Association <http://www.barr-milton.org/>
- Barr Lake State Park <http://www.cpw.state.co.us/placetogo/parks/BarrLake>
- Rocky Mountain Arsenal National Wildlife Refuge www.fws.gov/refuge/rocky_mountain_arsenal/
- Weather www.crh.noaa.gov/bou/

