



Beaver Watershed Alliance July e-News

July is Lakes Appreciation Month!

July 2018 has been proclaimed by Governor Asa Hutchinson as Lakes Appreciation Month in Arkansas. With over a half-million acres of reservoirs in Arkansas, summer is a great time to encourage all Arkansans to appreciate the lakes of our Natural State by participating in recreation and stewardship activities such as swimming, boating, fishing, taking care of our lakes, and enjoying the scenic beauty and other benefits provided by our lakes, including drinking water and community and economic growth.

Beaver Lake, one of the largest lakes in Arkansas, is the drinking water source for over 500,000 people in the NWA region. The Beaver Lake watershed (area of land that drains to Beaver Lake) is 1,192 square miles of land and water, including rivers, streams, lakes, prairies and forests, and is home to 17 incorporated municipalities. The landscape is woven together geographically by the White River, with the headwaters starting in the southern portions of Washington County and western parts of Madison County, flowing northerly into Benton and Carroll counties to form the lake. Beaver Lake also generates 142 million kilowatt hours annually for energy consumption and brings over \$43 million to the local economy through recreation and tourism.

“The importance of protecting our lakes and reservoirs for future generations is critical to our quality of life, communities, wildlife, and potential for future growth and economic development,” said Clell Ford, Executive Director of the Beaver Watershed Alliance. “Beaver Lake is worthy of our appreciation and protection, and I hope others will join us in doing so.” Amy Wilson, Director of Public Affairs at Beaver Water District, said, “Beaver Water District’s support of Lakes Appreciation Month is part of our ongoing tradition of 50 years of supplying water to much of Northwest Arkansas and working to ensure that it is safe to drink.”

Lakes Appreciation Month is a signature program of the North American Lake Management Society (NALMS) whose mission is to foster the management and protection of lakes and reservoirs for today and tomorrow. According to Brad Hufhines of Beaver Water District, NALMS board member, “With increasing population growth, climate change, and urban development, which can be stressors on water quality, Lakes Appreciation Month is a great time for us to appreciate what we have and communicate to others the importance of protecting lakes for future generations.”

Many free, public, outdoor activities, including canoeing and kayaking on local lakes, volunteer monitoring programs, stewardship cleanups and scuba diving at Beaver Lake, will be happening

throughout the month of July.

Visit www.beaverwatershedalliance.org or call 479-750-8007 for more information and to RSVP for events. To learn more about the national Lakes Appreciation program, visit www.nalms.org.

#GetSocial While You're Out!

Summertime around Northwest Arkansas...bbq's, family, friends, and water! Where is your favorite place to enjoy the fresh, clean waters of the Beaver Lake watershed? A cove on the Beaver Lake? Wade fishing an Ozark stream? Kayaking the War Eagle? For the month of July, get social about Lakes Appreciation Month! Here are some hashtags you can use to celebrate!

#LakesAppreciation
#BeaverLake
#CleanWaterNWA



Secchi Dip In: Discover Your Local Lakes Through Citizen Science

The Secchi Dip-In is an annual event in July where volunteer monitors across North America take to their local lakes and reservoirs to measure water transparency using Secchi disks. The data collected are used to assess trends in transparency of waterbodies in North America. Since 1994, more than 10,000 trained volunteers have generated 42,000 transparency records, giving a glimpse of lake water transparency at sites across North America and the world (NALMS 2018). Transparency trends serve as an indicator of changing water quality.

You can be a citizen scientist and help capture these measurements in the Beaver Lake watershed, while learning more about your local lakes! A BWA staff member will guide you through the Secchi Dip In process on the water. All Secchi Dip In supplies and training provided, volunteers must have access and bring their own kayak or canoe.

For more info and to help measure Secchi in the Beaver Lake watershed, email info@beaverwatershedalliance.org or call 479-750-

Upcoming Events

July 6
[Scuba Diving at Beaver Lake](#) (Certified Divers)
Day Park at Beaver
Rogers, AR
8:30 am - 9:30 am

July 9
[Secchi Dip In](#)
Lost Bridge
Rogers, AR
10 am - 11 am

July 10
[St Paul Rain Garden Stewardship](#)
Pettigrew, AR
10:30 am - 12 noon

July 12
[Secchi Dip In](#)
Lake Atalanta
Rogers, AR
10 am - 11 am

July 13
[Adopt Highway Cleanup and Berry Pick'n](#)
Springdale, AR
8 am - 10 am

July 17
[Secchi Dip In](#)
Lake Wilson
Fayetteville, AR
10 am - 11 am

July 17
[Sunset Kayak Tour](#)
Beaver Lake
8 pm

July 19



Protecting and restoring Beaver Lake, our regional drinking water source!

2018 Secchi Dip In

Tour the watershed, be a citizen scientist.



The typical Secchi disk used in lakes is an 8-inch disk with alternating black and white quadrants. It's lowered into the water until the observer can no longer see it. The depth of disappearance, called the Secchi depth, is a measure of the transparency of the water.

The disk is named in honor of Father Pietro Angelo Secchi, astronomer and scientific advisor. Transparency decreases as the amount of particles in the water—such as algae and sediment—increases. The amount of algae depends on the amount of nutrients coming from surrounding land use, including urbanized areas and agricultural areas. Nonpoint source runoff can send sediment and nutrients, such as phosphorus and nitrogen, into nearby waterways.

What is a Secchi Dip In?

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The data collected are used to assess trends in transparency of waterbodies in North America. Since 1994, more than 10,000 trained volunteers have generated 42,000 transparency records, giving a glimpse of lake water transparency at sites across North America and the world. Transparency trends serve as an indicator of changing water quality.



Help Monitor on these Dates:

- July 9 - Lost Bridge, Beaver Lake, Rogers, AR
- July 12 - Lake Atalanta, Rogers, AR
- July 17 - Lake Wilson, Fayetteville, AR
- July 20 - Lake Hindsville, Hindsville, AR
- July 29 - Lake Sequoyah, Fayetteville, AR

Volunteers bring their own kayak or canoe. All Secchi Dip In supplies and training provided. RSVP to info@beaverwatershedalliance.org or call 479-750-8007



Secchi Dip In is a signature event of NALMS



www.beaverwatershedalliance.org

SUP Clinic

Dam Site Park
Beaver Lake
Rogers, AR
4 pm & 7 pm (2 classes)

July 20

Secchi Dip In

Hindsville Lake
Hindsville, AR
10 am - 11 am

July 23-24

2018 AWRC Annual Water Research Conference

Fayetteville, AR

July 28

Secchi Dip In

Lake Sequoyah
Fayetteville, AR
9 am - 11 am

July 31

Native Seed Collection and Riverside Pizza

Noland Waste Water Treatment Plant
Fayetteville, AR
4:30 pm - 7 pm

SAVE THE DATE!

August 18

Secchi Day on Beaver Lake

Water for Life!

The value of your interest and involvement in the voluntary watershed protection effort for our regional water supply is priceless and appreciated!

Read, like, and share this newsletter to help spread the good water quality word and to help get your friends and family involved.

Together, we can make a difference!

Events Calendar



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Lakes Appreciation Month is a signature program of the North American Lake Management Society (NALMS) whose mission is to foster the management and protection of lakes and reservoirs for today and tomorrow.



CALENDAR OF EVENTS

All events are FREE and open to the public, thanks to our partners and sponsors!

JULY 6, 8:30 AM - 9:30 AM Scuba Diving at Beaver Lake at Day Park
Day Park, Rogers, AR *Certified Divers Only

JULY 9, 10 AM - 11 AM Secchi Dip-In Volunteer Monitoring
Lost Bridge, Beaver Lake, Rogers, AR

JULY 10, 10:30 AM - 12 PM Rain Garden Stewardship
Madison County Convenience Center, Pettigrew, AR

JULY 12, 10 AM - 11 AM Secchi Dip-In Volunteer Monitoring
Lake Atalanta, Rogers, AR

JULY 13, 8 AM - 10 AM Adopt-A-Hwy Cleanup & Berry Pick'n
Cook's Berry Park, Springdale, AR

JULY 17, 10 AM - 11 AM Secchi Dip-In Volunteer Monitoring
Lake Wilson, Fayetteville

JULY 20, 10 AM - 11 AM Secchi Dip-In Volunteer Monitoring
Lake Hindsville, Hindsville, AR

JULY 28, 9 AM - 11 AM Secchi Dip-In Volunteer Monitoring
Lake Sequoyah, Fayetteville, AR

JULY 31, 4:30 PM - 7 PM Native Seed Collection
Noland WWTP, Fayetteville, AR Free pizza dinner served riverside!

MORE EVENTS HAPPENING TO CELEBRATE! CHECK OUT OUR FACEBOOK AND CONTACT BWA FOR MORE INFORMATION!

RSVP for Lakes Appreciation Month activities to
info@beaverwatershedalliance.org or call 479-750-8007.
Visit www.beaverwatershedalliance.org for more information.

About Beaver Watershed Alliance

BWA was formed in 2011 to proactively protect, maintain, and enhance the water quality of Beaver Lake and the integrity of its watershed through outreach and education, voluntary best management practice implementation, and scientific investigation. BWA represents a diverse stakeholder group from conservation, education, water utilities, technical and science, agriculture, recreation, business, and local government groups working together for the goal of clean water.

Your financial contribution will help BWA fulfill our mission to proactively protect, maintain, and enhance the water quality of Beaver Lake and the integrity of its watershed through outreach and education, voluntary best management practice implementation, and scientific investigation.

[Click Here To Donate](#)

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Carroll-Boone
WATER DISTRICT



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[Click Here To Contact Us](#)