



Beaver Watershed Alliance November e-News

Dear Beaver Lake Watershed Stakeholder,

Thank you! Thank you! Thank you! Thank you for your interest and/or participation in the effort to voluntarily protect the water quality of Beaver Lake and its tributaries. Whether you help volunteer your time, talents, leadership or services, we appreciate you and are thankful for YOU!

We are thankful for our partners that help accelerate clean water initiatives to improve Beaver Lake, and the land and tributaries throughout the watershed.

In return, our watershed supplies high-quality water at a low cost to local communities, water for growing food, supports habitat for wildlife, contributes to tourism, economic development, fisheries, forestry, and other industries, and provides recreation opportunities such as hunting, fishing, boating, kayaking, hiking, and more.

We are thankful for the many opportunities and together, we can make a difference in protecting and restoring the Beaver Lake watershed. Show your gratitude for the Beaver Lake watershed by doing your part - every action, no matter how small or big, can make a difference!

Find out how to get involved, visit www.beaverwatershedalliance.org or check out our [Facebook](#) page for volunteer events and watershed news!

Beaver Watershed Alliance Receives Three-Year Grant with Walton Family Foundation for the Beaver Lake Watershed

The Walton Family Foundation recently awarded a three-year grant to the Beaver Watershed Alliance (BWA) to improve the region's water quality through installing low-impact development (LID) demonstrations throughout the watershed in priority areas, constructing a peak flow reduction pond, and developing a series of priority watershed maps to upgrade the Beaver Lake Watershed Protection Strategy and increase project funding potential across all sectors. This grant will also serve as matching funds for EPA, Arkansas Natural Resource Commission, Fed-Ex and National Fish and Wildlife Foundation grant projects.

These projects will increase protection of Northwest Arkansas' drinking-water resources and increase funding for implementation of further watershed protection projects. The maps produced in this project

will be for War Eagle Creek, White River-Headwaters, Middle Fork-White River, Richland Creek, and Lake Sequoyah-White River subwatersheds. The maps developed so far, such as in the West Fork White River, have greatly increased project resources to help protect NWA's regional water supply.

Low Impact Development (LID) demonstrations such as pervious paving, rain gardens and bioswales will reduce non-point source sediment and nutrient loads as well as reduce peak flows. Native plants and natural designs will also help to capture, treat and filter nonpoint source runoff and recharge groundwater supplies, while increasing habitat for native wildlife such as birds, bees and butterflies. The LID installations will demonstrate alternative stormwater design and provide educational opportunities for watershed stakeholders.

In addition to focusing on promoting the Beaver Lake Watershed Protection Strategy and implementing priority BMPs in priority areas, this project will seek to improve pond construction design to reduce peak flow, nutrients, and sediment entering the West Fork White River. This project could provide substantial reductions in sediment and nutrient loading to Beaver Lake as well as increase funding for pond creation and maintenance. Furthermore, peak-flow increases due to land-use change is a significant factor increasing streambank erosion. Reducing peak flow complements existing streambank restoration efforts, reducing water velocity and mitigating bank erosion.

We are thankful for this opportunity to advance the Beaver Watershed Alliance mission and strategy to proactively protect, maintain, and enhance Beaver Lake and the integrity of its watershed.



2018 Farm Bill: A watershed opportunity to collaborate on nutrient pollution

Beaver Water and the Farm Bill [reposting from AW WA Sept. 28, 2017]

Two things happened in 2016 that helped Beaver Water District further advance its 50-year source water protection plan.

First, the district's board of directors approved a measure to put \$.04 per thousand gallons of water sold into a source water protection fund.

Also last year, the district and its partners received approval for its \$4.3 million RCPP project through the Farm Bill and the USDA's NRCS. "The ability of the district and its partners to provide another \$4.3 million in matching contributions -- both cash and in-kind -- and act as the public sponsor for the program were essential in getting the project approved," said James McCarty, who succeeded Morgan as Beaver Water's manager of environmental quality.

The RCPP is unique in that it allows a local partnership to combine the various NRCS programs into a focused project on a specific problem area. Beaver Water's RCPP project was put together by the Beaver Watershed Alliance and the Watershed Conservation Resource Center, a non-profit that specializes in ecological restoration.

The district and its partners are working to restore 1 to 2 miles of stream in the West Fork of the White River, along with up to 21,000 feet of riparian vegetation, implement about 300 on-farm conservation

Upcoming Events

November 3

[Town Branch Cleanup](#)

Huntsville Sewer Plant
Hwy 23
Huntsville, AR
9 am - 11 am

November 11

[Kudzu Kill](#)

108 N. Winslow Blvd.
Winslow, AR
9 am - 12 noon

November 13

[BWA Board of Directors Meeting](#)

6 pm

November 16

[Cleanup the West Fork at Dead Horse Mountain Rd.](#)

Fayetteville, AR
12 pm - 1 pm

November 17

[Multi-basin Regional Watershed Council Meeting](#)

Rogers, AR
10 am - 2 pm

November 17

[Beaver Watershed Alliance Friendraiser](#)

Magnolia Gardens
Springdale, AR
6:30 pm - 9:30 pm

November 21

[Rain Garden Stewardship South Madison County Convenience Center](#)

17121 AR-16
St Paul, AR
11:30 am - 1:30 pm

practices, develop 150 new conservation plans, and create five perpetual easements to protect critical land from development.

"There are all sorts of conservation practices that landowners can provide that we will provide funding for -- riparian buffers, grade stabilization, cattle fencing, and waste storage facilities are just a few that help achieve nutrient and sediment reductions," McCarty said.

While it is too early to report the actual nutrient and sediment load reduction because of the project, the district's modeling indicates reductions of 3,000 to 7,000 tons of sediment per year and 1,500 to 3,500 pounds of phosphorous per year.

"Beaver Water District has used its knowledge and resources to work with a broad set of stakeholders to accomplish its goals," said Beaver Water District CEO, Alan Fortenberry. "To be effective, however, we need to leverage our resources by working closely with watershed partners and other funders. The Farm Bill currently provides the best opportunity to bring significant resources to the table to prevent water quality degradation."

[Read the full article here.](#)



Celebrate and support another year of voluntary watershed protection and stewardship with friends and partners of the Beaver Lake watershed! Help keep Beaver Lake and its tributaries healthy for maintaining our high-quality drinking water source!

Friday, Nov. 17
6:30 pm - 9:30 pm

BWA Friendraiser

Magnolia Gardens, 501 N Main St, Springdale, AR

Celebrate and support another year of voluntary watershed protection and stewardship with friends and partners of the Beaver Lake watershed!

The evening will feature live bluegrass music, local craft beer, a catered dinner and a silent auction featuring local, hand-crafted items as well as outdoor gear to raise funds for continuing watershed education and stewardship throughout the year.

We appreciate and value your support and dedication for maintaining high-quality, clean drinking water and improving source water protection!

For more information or to RSVP, please contact info@beaverwatershedalliance.org or call 479-750-8007.

November 27
Invasive Plant Removal on Mt. Sequoyah
5 S. Happy Hollow Rd.
Fayetteville, AR

November 30
BWA Speaker Series: LID and Drainage Criteria Manuals
Greenland Community Building
170 N Letitia St.
Fayetteville, AR
11:30 am - 1 pm

SAVE THE DATE!

December 9
Forest Management Workshop
Wesley Community Center
Wesley, AR
9 am - 12:30 pm

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!

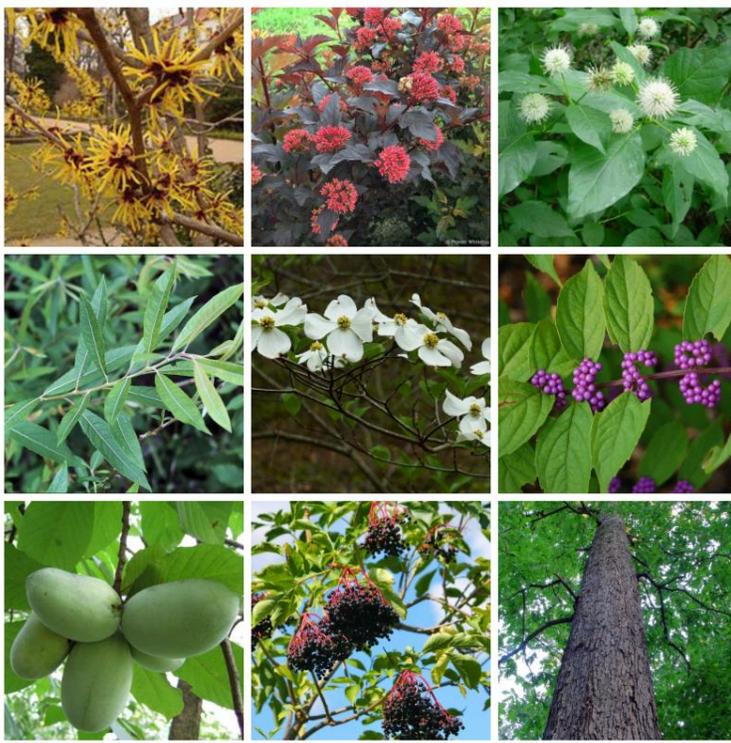
Read, like, and share this newsletter to help spread the good water quality word and to help get your friends and family involved.

Together, we can make a difference!

Events Calendar



99 Volunteers came to the Lake Sequoyah Cleanup! We appreciate the opportunity to work on this event with City of Fayetteville Parks and Recreation, Washington County Environmental, HomeGrown on the River, AR Stream Team and Boston Mountain Solid Waste!



DEADLINE APPROACHING: DECEMBER 1, 2017
Free Native Trees & Shrubs
for Beaver Lake Watershed
Residents

BWA will be providing a wide variety of free Ozark native trees and shrubs for landowners that are interested in using these plants to restore or enhance their streamside (riparian area) vegetation or reforest their property.

Strengthening the riparian buffer of your stream can prevent erosion - sediment is the largest contributor to impaired streams in the Beaver Lake watershed. Healthy, vegetated riparians can also improve wildlife habitat, and improve water quality! Reforesting the watershed improves its function to slow down rainfall and absorb runoff and nutrients.

There are 30 native species to choose from. Orders must be submitted by December 1st and plants will be made available at our Streamside Landowner Workshop in March 2018. This program was very successful last year, with over 5,000 seedlings given to landowners throughout the watershed. Thanks to our partners and sponsors, trees and shrubs are provided to Beaver Lake watershed residents at no cost.

Contact us at 479-750-8007 or info@beaverwatershedalliance.org to setup a free site visit with a BWA Program Coordinator. They can assist you with your property challenges and goals and help place your order for native trees and shrubs.



Much appreciation to the 86 volunteers that came and volunteered their morning to clear invasive plants from 15 acres of forest at Mt. Sequoyah, Fayetteville as part of Make A Difference Day!!! Thanks to Fayetteville Parks and Recreation, University of Arkansas Patagonia Pack Rat Outdoor Center and Cargill Cares, Volunteer Action Center and all that came out to Make A Difference Day 2017!



(Pictured L to R: Jim Woodruff, ARTEX Ranch and Max Braswell, Executive Vice President of the Arkansas Forestry Association)

Congratulations to Jim Woodruff, ARTEX Ranch, who recently received the BWA Watershed Guardian Award for the Middle Fork White River. Jim and his partners have owned and operated their 1,800 acre tree farm, for about two decades and have constantly worked to be good stewards of the land, air, and water for the purpose of recreation and increasing forest health and wildlife habitat.

Thank you for your continued stewardship for the Beaver Lake watershed!



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.

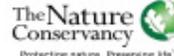
Your financial contribution will help BWA fulfill our mission to proactively protect, maintain, and enhance the water quality of Beaver Lake and the integrity of its watershed through outreach and education, voluntary best management practice implementation, and scientific investigation.

[Click Here To Donate](#)

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Great Partners = Clean Water

The
WALTON FAMILY
FOUNDATION



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[Click Here To Contact Us](#)