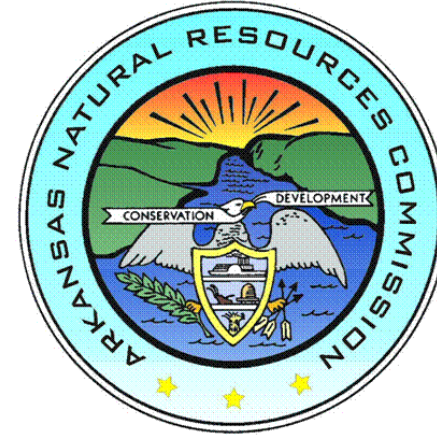
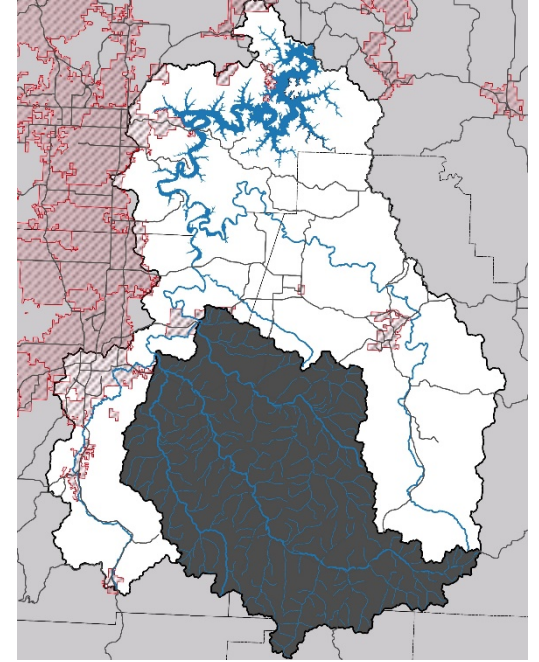


White River and Richland Creek Watershed Opportunity Assessment

Project FY16-500

Melissa Welch



Project Overview

- Project Goals/Objectives:

To raise White River and Richland Creek landowners' awareness and knowledge of the importance of riparian areas and engage them in adopting individual best management actions through public outreach, education, and demonstration programs.

- October 2016 to June 2019

- Project Costs: \$438,251 (57% Federal, 43% Match)



White River-Richland Creek Watershed

Middle Fork-White River

- 48,410 acres
- 156.5 mi of roads & 99 mi of streams
- Pasture 16%, Forest 77.5%, Urban 1%

Lake Sequoyah-White River

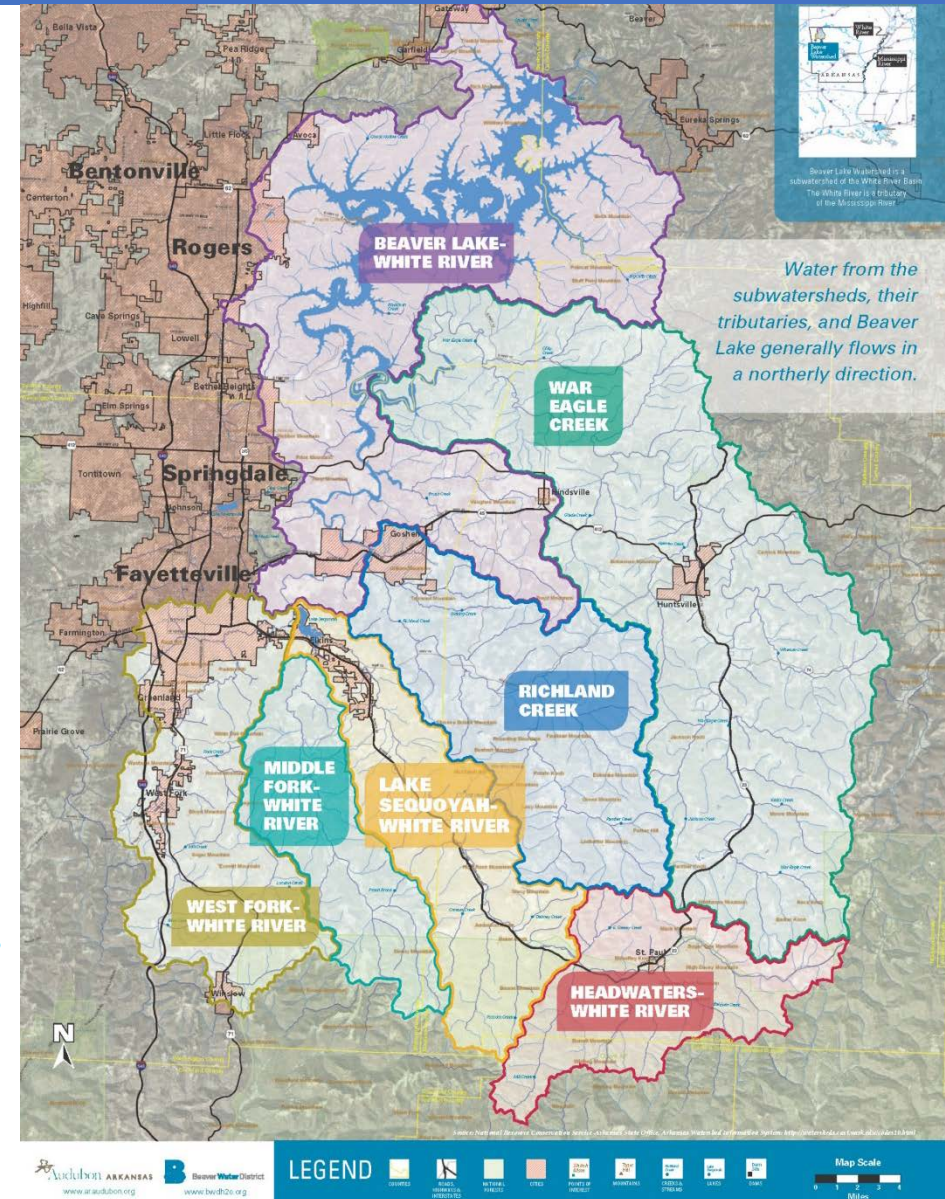
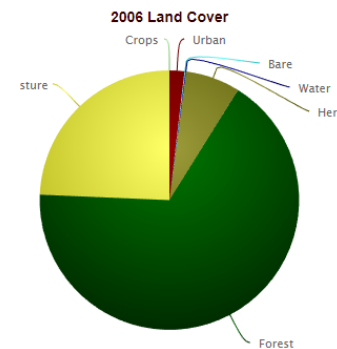
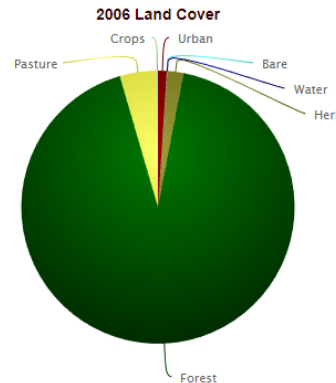
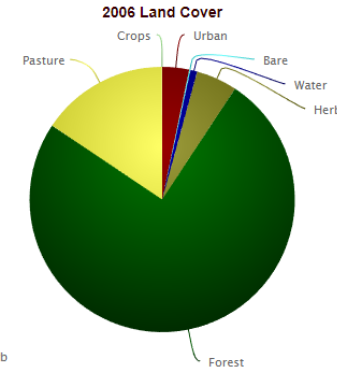
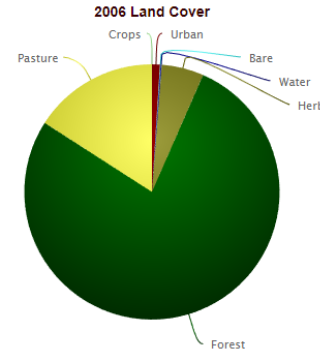
- 70,838 acres
- 206 mi of roads & 143 mi of streams
- 490 acre man-made lake (recreational fishing)
- Pasture 16%, Forest 75%, Urban 3%

Headwaters-White River

- 58,206 acres
- 134 mi of roads & 114.75 mi of streams
- Pasture 4.3%, Forest 92.5%, Urban 1%

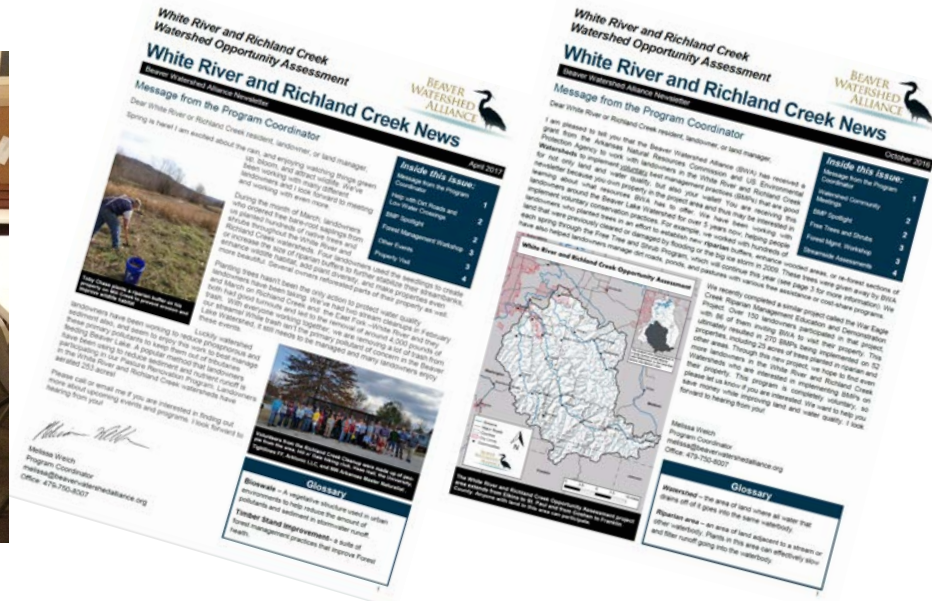
Richland Creek

- 93,333 acres
- 283.3 mi of roads & 189 mi of streams
- Pasture 24%, Forest 67%, Urban 2%



Our Approach

- In the beginning
 - 14 Focus Group Meetings
 - Established connections with major stakeholders in watersheds
 - 47 Attendees
- 7 bi-monthly newsletters sent to over 4,500 landowners
- 9 monthly eNews sent to landowners



Learning Process

- Watersheds have different perspectives
 - Headwaters more reserved
 - Richland Creek, Lake Sequoyah, and Middle Fork Watershed Landowners more open
 - All are excited about protecting water quality
 - Why care about Beaver Lake?
 - Don't have rural water



Building Connections

- Network of Landowners was Slow Building
 - Landowners talked to neighbors
 - Some watersheds have closed off communities
- Tree and Shrub Program
 - Interested the majority of landowners
 - 30 landowners utilized our bare-root seedling giveaway



Successful Programs

- Forest Management Workshop - December 2016
 - 44 participants listened to presentations from AGFC, NRCS, and Devereux & Associates LLC
- Streamside Management Workshop - March 2017
 - 50 participants listened to presentations from WCRC, U.S. Fish and Wildlife, and BWA
- Forest and Wildlife Management Demo – May 2017
 - 9 participants learned about thinning and other TSI practices



Successful Programs

- Five Major Cleanups

- Lake Sequoyah Cleanup
- Richland Creek Cleanup – 2,920 lb
- East Fork-White River Cleanup – 400 lb (20 lb)
- Middle Fork-White River Cleanup – 500 lb (80)
- Headwaters of the White River Cleanup – 700 lb



Supplemental Rain Garden Program

- Rain Garden Academy- April 2017
 - 17 participants learned about the rain gardens and how they improve water quality
- BWA offered rain garden-mini grants to landowners
 - 2 landowners in the White River and Richland Creek watersheds applied for funding



Community Presence

County Calendar Madison County

Bluegrass Gospel Jam in St. Paul

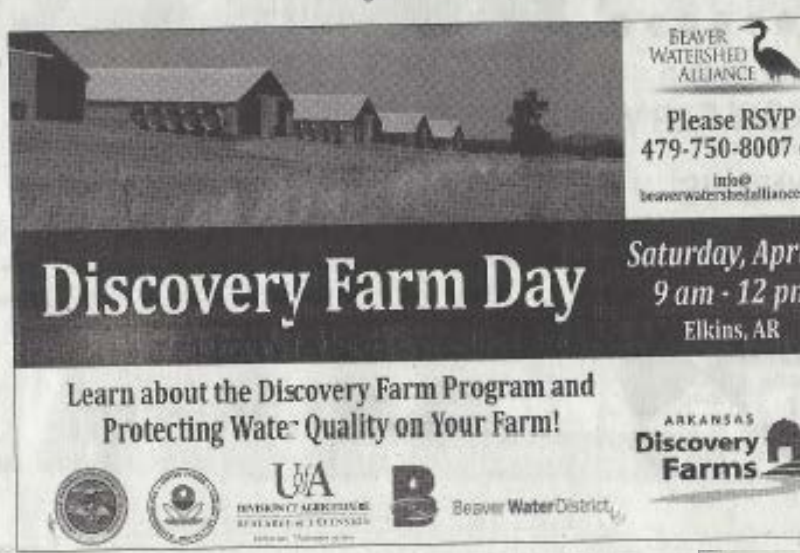
There will be a Bluegrass Gospel Jam in St. Paul at the Activity Center beginning at 6 p.m., March 18. Potluck style snacks appreciated.

Madison County Quorum Court meeting

The Madison County Quorum Court will meet for its monthly meeting at 6 p.m. on Monday, March 20, at the Madison County Courthouse.

3rd annual White River Cleanup

The Beaver Watershed Alliance will host the 3rd Annual East Fork of the White River Cleanup, to be held from 9 a.m. to noon on Saturday, March 25. Volunteer check-in will be at Bunch Park in Elkins and the cleanup will take place along targeted areas of the river. Lunch and door prizes will be available for volunteers after the



Discovery Farm Day
Saturday, April 1
9 am - 12 pm
Elkins, AR

Learn about the Discovery Farm Program and Protecting Water Quality on Your Farm!

Beaver Watershed Alliance

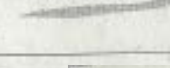


Please RSVP
479-750-8007
info@beaverwatershedalliance.org

info@beaverwatershedalliance.org

Saturday, April 1
9 am - 12 pm
Elkins, AR

ARKANSAS
Discovery Farms



THURSDAY, MAY 18, 2017

THE MADISON COUNTY RECORD

Volunteers needed for May 27 cleanup

Submitted Volunteer check-in begins

6D SUNDAY, MARCH 19, 2017

River cleanup needs workers

The third annual East Fork of the White River Cleanup will be held from 9 a.m. to noon Saturday.

Volunteers will register at Bunch Park in Elkins. Then they will fan out to stations along the river. Volunteers will be provided lunch and have the chance to win door prizes from local sponsors.

All participants will be supplied with trash bags,

District, Patagonia, Butterball, Boston Mountain Solid Waste District, Cargill, Pack Rat, Arkansas Natural Resources Commission, EPA, and Coca-Cola.

To volunteer, please call or email Melissa at 479-750-8007 or melissa@beaverwatershedalliance.org.

The Beaver Watershed Alliance is formed of a diverse conservation, water utility, business, and private landowner perspectives who all work together for the benefit of Beaver Lake and its watershed. To learn more about BWA, best management practices for water quality, or how you can become involved in voluntary watershed protection go to www.beaverwatershedalliance.org.

Streamside Management Workshop to be held in Elkins Saturday

The Beaver Watershed Alliance (BWA) will be hosting a Streamside Management Workshop on Saturday, March 19, at 9 a.m. in Elkins Community Center, 162 Doolin Dr., Elkins, AR. Experts from the Arkansas Natural Resources Commission and the U.S. Fish and Wildlife Service will present on stream bank stabilization, riparian habitat, and stream bank erosion. The workshop will include a hands-on demonstration of stream bank stabilization techniques. The workshop is free and open to the public. Registration is required. For more information, contact Melissa at 479-750-8007 or melissa@beaverwatershedalliance.org.

Briefly

Kappa Alpha Theta recently celebrated their Founders Day with a luncheon at Springdale Country Club. A donation was made to CASA.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

Information: (479) 750-8007 or email info@beaverwatershedalliance.org.

County Calendar Madison County

Coggins Clinic at the Huntsville Rodeo Grounds

The Huntsville Riding Club, along with the Huntsville Vet Clinic, will host a Coggins Clinic, Saturday, March 4, from 9 a.m. to 11 a.m., at the Huntsville Rodeo Grounds. Along with the equine vaccines, there will also be dog vaccines available. For more information, call: Aaron Baker 479-225-3035, Lesha Baker 479-422-7158 or Alyson Wilson 479-789-4523.

Streamside Management Workshop

The Streamside Management Workshop, hosted by Beaver Watershed Alliance, will be Saturday, March 4, at 9 a.m. at the Elkins Community Center (162 Doolin Dr.). Participants will learn how to establish and increase the health of their riparian buffers along streams and rivers.

Teamwork for trees



NWA Democrat-Gazette/WANDY SHUPE

Neta Winston (from left), Carol Gulley, Jan Judy and Danny Smith plant a willow oak tree Friday near Elkins High School. The group are members of the Washington County Master Gardeners and were working with the Beaver Watershed Alliance to plant trees on School District property.



2017 FREE SPEAKER SERIES

Investing in Water Supply Protection in NWA

at Elkins Community Center - 162 Doolin Dr., Elkins, AR

THURSDAY, FEB. 23 FROM 11:30 A.M. TO 1 P.M.

Maintaining High Quality of Life in Your Community & Protecting Water Quality

Presentation by guest speaker Brian Teague, Owner
Community by Design

PLEASE RSVP - 479.750.8007
or info@beaverwatershedalliance.org

FREE LUNCH



Please RSVP
479-750-8007 or

becky@beaverwatershedalliance.org



Project Numbers So Far

- 536 Participating Landowners
- 64 Site Assessments
- 136 BMPs Implemented
 - 1,005 acres Aerated
 - 7 acres of Riparian Buffer Established
 - 61 acres of Upland Habitat Reforested
- 26 Demonstration Sites Established
- Open-Space Neighborhood Collaboration



Project Numbers So Far

- 751.75 Volunteer Hours
 - About \$17,700 of \$50,000 needed
- 3 Special Interest Meetings
- 5 Stream Cleanups
- 9 Native Tree Plantings
- 7 Newsletters and 15 Mass Mailings
- 4 Rain Garden Stewardship Events



Big Issues



Erosion Estimates



Rounding the Corner

- Snowball Effect
 - More Site Visits
- Increasing the Number of Demonstration Sites
- More Programs Planned:
 - Forest Management Workshop
 - Beaver Lake Watershed Symposium
 - Streamside Management Workshop
 - 10 WROA Meetings
 - Maps being made
 - Areas not being reached?



Thanks to Our Partners & Sponsors:

