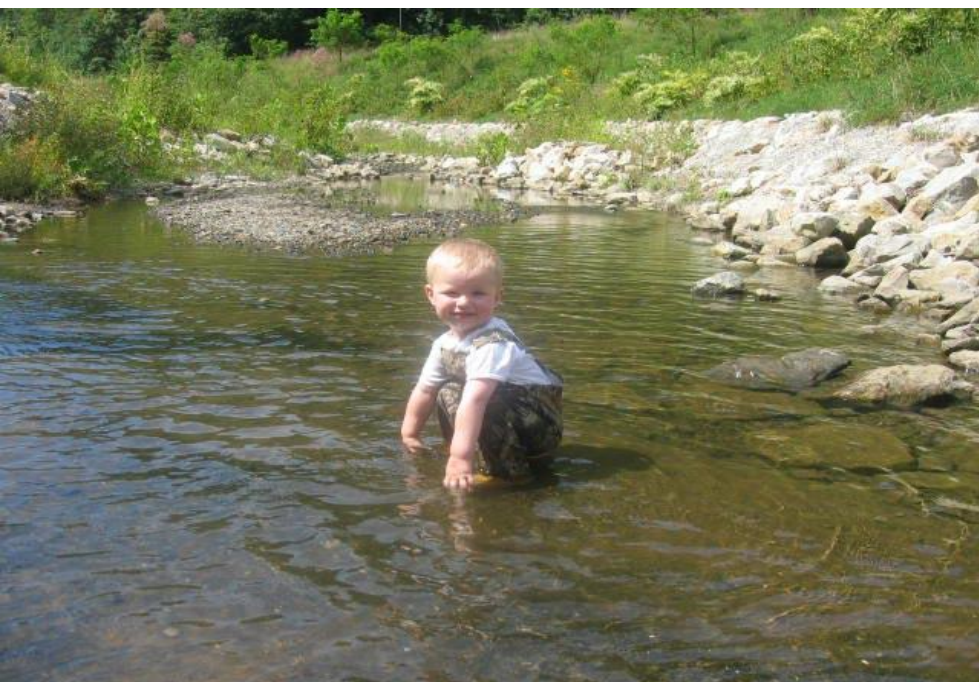




**2012**

*West Virginia Stream Partners Program*



**YEARBOOK**

# *West Virginia Stream Partners Program*

**West Virginia Stream Partners Program** is a cooperative effort of the Department of Environmental Protection, the Division of Forestry, the Division of Natural Resources and the West Virginia Conservation Agency.

## **Purpose**

To support community groups that are dedicated to assuring that their local rivers and streams are safe for: swimming, fishing, recreation, public and commercial purposes and provide habitat for plant and animal life.

## **How to get started**

\$5,000 seed grants are available each year to applicants that are willing to organize community members to plan and complete a watershed improvement project. Applications are available online at [www.wvca.us/stream.cfm](http://www.wvca.us/stream.cfm).

## **Basin Coordinators**

Four regional basin coordinators are available to:

- Help complete applications
- Advise on projects with agency and assist with partnership building
- Get your community involved by helping to organize and facilitate meetings

## **The Partners**

In January of 2012 the West Virginia Stream Partners Program awarded 20 local watershed associations grants of up to \$5,000. These watershed volunteers spent the year coordinating their goals with those of state and federal agencies, local government and watershed stakeholders to implement projects that range from educational field days to on the ground stream restoration. Each of these organizations is very unique. Each has its own set of skills, abilities and obstacles.

The Stream Partners Program provides the volunteers with a small financial resource, technical support, and organizational skills. This annual yearbook highlights each association's individuality and successes.

The West Virginia Stream Partners Program is truly a state-wide cooperative effort. Program support is provided by staff from each of the four/five partner agencies and the grant fund is an annual legislative appropriation.



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# Blue Ridge Watershed Coalition

Counties: Jefferson Watershed: Shenandoah

Contact: Ronda Lehman, Harpers Ferry, WV 304-261-8070

E-mail: [R30nik@aol.com](mailto:R30nik@aol.com)

[www.blueridgewatershed.org](http://www.blueridgewatershed.org)

## Organization

The Blue Ridge Watershed Coalition (BRWC) grew out of a community outreach program funded by the Jefferson County Commission and the National Fish and Wildlife Foundation through a Chesapeake Bay Small Watersheds Grant. The program featured four well-advertised community meetings on the Blue Ridge Watershed in 2010 that were designed to increase public awareness of the watershed and create a common vision of its future. An engineering study also resulted from the grant given to the Jefferson County Commission. The BRWC mission is to work together to preserve existing qualities and create a viable picture for the future of the mountain to guide Jefferson County's Blue Ridge Mountain Communities Area Watershed Plan.



Stormwater runoff was a major issue prior to the start of the rain garden project.

## 2012 Project Summary

BRWC planned to develop an educational pamphlet to send to residents and inside will be a postage-paid questionnaire assessing residential water issues.



Volunteers planted the rain garden.



## Issues

Septic Systems

Severe erosion

Flooding

## Partners

WV DOH

Jefferson County Dept of Health

Episcopal Diocese of WV

Jefferson County Watershed

Advisory Council

Shannondale Organization

Bue Ridge Properties, LLC

Spirit of Jefferson Publication

Anonymous Donor

Eastern Panhandle Regional

Planning & Development

Council/Region 9

WV DEP

Senators Unger, Jane Tabb and

Lyn Widmyer

WV DEP

Blue Ridge Elementary School

## Amount of Grant

\$3,600



Volunteers constructed the pad for the rain barrel project.



## Accomplishments

- Designed and developed demonstration project
- Reviewed engineering design
- Attended stormwater management training with five members
- Approved project by WV DOH and Episcopal Diocese
- Constructed rain barrel system
- Constructed pads for cistern and rain barrels
- Received donated cistern and piping from the Health Department
- Obtained dirt for rain garden and community garden from WV DOH
- Acquired stone and materials for pads
- Conducted pre-construction and documentary photography and qualitative monitoring
- Conducted education and outreach opportunity at the project unveiling and ceremony
- Held a raffle of three rain barrels
- Held Engendered Communitree project for 2013 at Blue Ridge Elementary School and incorporated stormwater project concepts
- Tested the stormwater project with Hurricane Sandy and six inches of rain with no failures



**BRWC raffled off three rain barrels to help fund the rain barrel project.**



**Members and volunteers completed the rain barrel demonstration project.**

# ***Buckhannon River Watershed Association***

***Counties: Upshur, Barbour, Randolph Watershed: Tygart Valley River***

***Contact: Paul Richter, Buckhannon, WV 304-472-3317***

***e-mail: [Richter\\_p@wvwc.edu](mailto:Richter_p@wvwc.edu)***

***[www.buckhannonriver.org](http://www.buckhannonriver.org)***

## **Organization**

The Buckhannon River Watershed Association (BRWA) was formed on March 27, 2001, incorporated in the state of West Virginia in March 2002, and approved by the IRS as a nonprofit 501(c)(3) organization in October 2002. It has a Board of Directors consisting of a minimum of seven and maximum of nine voting members, and the city and county governments each have a nonvoting seat on the Board of Directors. The latter two have supported BRWA by providing facilities free of charge for public meetings, for providing free display space for newsletters and flyers, and the city made and paid for a few hundred membership cards that BRWA designed. The association's members come from varied backgrounds, including forestry, municipal and state government, construction, education, journalism, law, and the timber industries. Participants range in age from 20 to 70 years old.



**This was the Swamp Run Seep before its restoration efforts began.**

## **2012 Project Summary**

BRWA planned to conduct waters quality monitoring on Bear Camp, plant trees in North Buckhannon Park, publish one newsletter and upgrade one computer.

## **Issues**

Acidic deposition  
Acid mine drainage  
Coliform bacteria  
Erosion and sediment  
Marcellus shale gas drilling

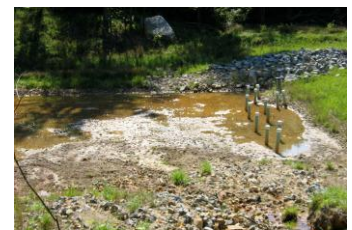
## **Partners**

WV Wesleyan College  
Environmental Science Program  
WV DNR  
Woody Lumber  
Coastal Lumber

**Amount of Grant: \$1,860**



**BRWA Secretary Paul Richter investigated a four-foot roadbed shoulder hole.**



**This was the Smooth Rock Lick Treatment Pond at the start of restoration efforts.**



## Accomplishments

- Conducted water quality monitoring
- Planted trees
- Published newsletters
- Purchased a computer
- Held annual meeting
- Hosted one framework group meeting on budget
- Monitored two DNR-limed streams
- Monitored a stream to determine project eligibility



**BRWA has co-sponsored the Strawberry Festival canoe race on the Buckhannon River for a number of years.**



**West Virginia Wesleyan College Environmental Sciences Program students conducted electro shocking of the fish.**



# Cacapon and Lost Rivers Land Trust

**Counties:** Hardy, Hampshire, Morgan **Watershed:** Lost and Cacapon River

**Contact:** Kelly Watkinson, High View, WV 540-740-3083

**E-mail:** [kellyjwatkinson@gmail.com](mailto:kellyjwatkinson@gmail.com)

[www.cacapon.org](http://www.cacapon.org)

## Organization

The Capacon and Lost Rivers Land Trust (the Trust) assists landowners and communities in maintaining healthy rivers, protecting forests and farmland, and in preserving rural heritage for the enjoyment and well-being of present and future generations. The Trust works throughout the Lost/Cacapon River watershed through partnerships with local landowners as well as key stakeholders and has protected over 10,221 acres of important farmland, stream corridors and wildlife habitat using permanent conservation easement agreements and has helped restore a mile of failing streambanks along the Cacapon River. The Trust has over 750 members since inception who represent all counties through which the river runs. The board of directors includes local businessmen, farmers, landowners, as well as regional leaders.



Cacapon and Lost River landowners have always been proud of their watershed. Photos by Tom Cogill.

## 2012 Project Summary

The Trust planned to publish *Cacapon Voices*, a special publication that will help other watershed landowners realize what the land has meant to so many people over the years. Therefore, the Trust used \$1,000 for staff to put the book together and \$4,000 to print it.

## Issues

Uncontrolled residential home development  
Coliform bacteria

## Partners

National Parks Service  
West Virginia University Press

**Amount of Grant:** \$5,000

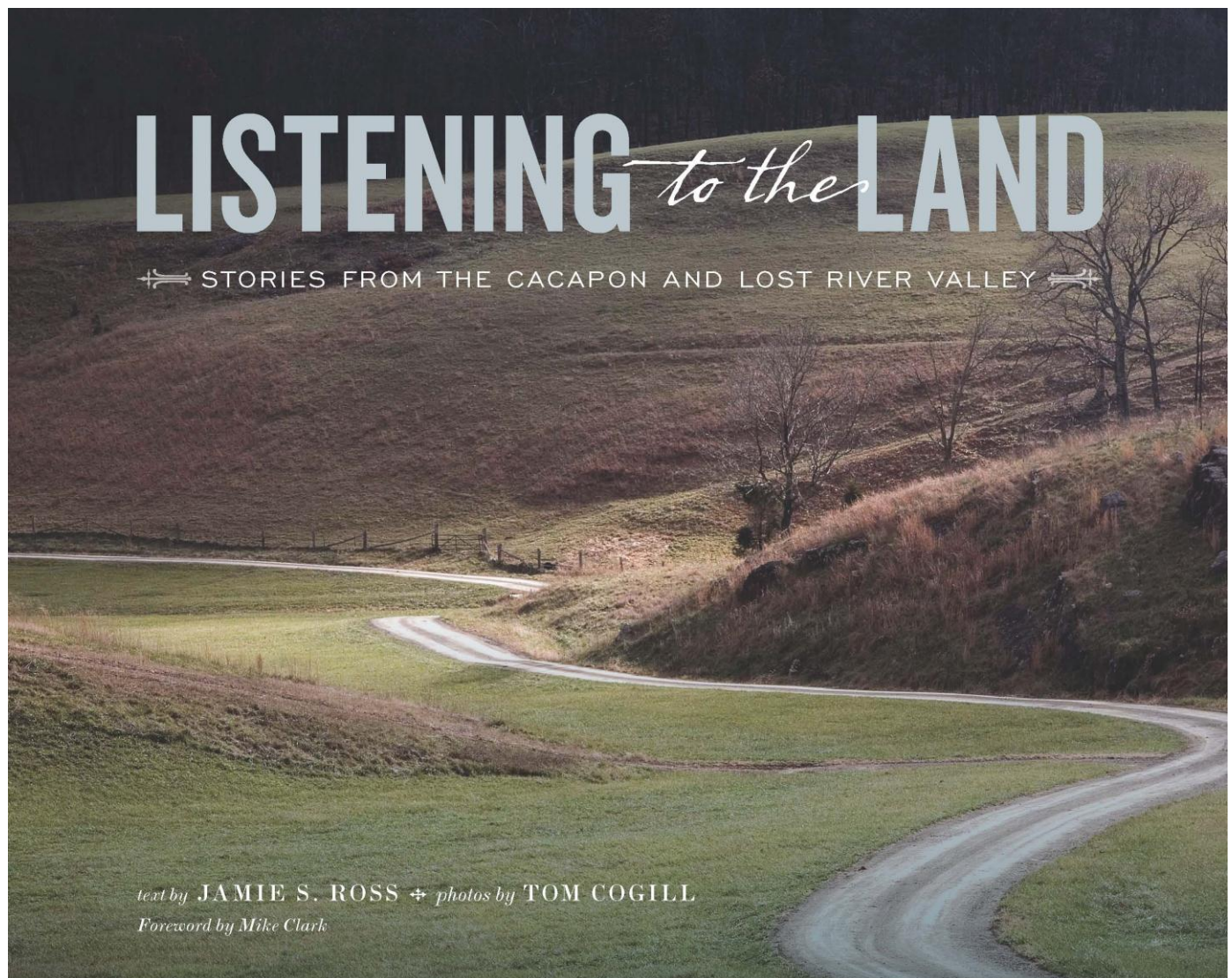


Photographer Tom Cogill captured the natural flow of the Cacapon River at sunset in the *Cacapon Voices* book.



## Accomplishments

- Completed editing of manuscript and submitted to WVU Press
- Completed photo editing and submitted to WVU Press
- Convened initial meeting on layout and design between WVU Press, the Trust, and the *Cacapon Voices* advisory committee
- Completed first draft of editing by WVU editors and the Trust has reviewed and approved these edits
- Completed Authors Questionnaire by the Trust to be used for marketing, cataloging and as cover material.
- Selected final title “Listening to the Land: Stories from the Cacapon & Lost River Valley”



Jamie S. Ross and Tom Cogill gave readers new insight into the Cacapon and Lost Rivers Land Trust and its watershed in the newly published book.

# Coal River Group

**Counties: Boone, Lincoln, Kanawha Watershed: Coal River**

**Contact: Bill Currey, 304-419-4417**

**E-mail: [Mike1@suddenlink.net](mailto:Mike1@suddenlink.net)**

**[www.coalrivergroup.com](http://www.coalrivergroup.com)**

## Organization

The Coal River Group (CRG) was established in 2003 by avid fishermen and outdoorsmen Bill Queen and Bill Currey, who were both exploring the outer reaches of the Coal River Watershed. The group determined the watershed, which covers 90 miles, was in need of clean up and improved water quality to support recreational activities and developed a five-year plan for bringing life back to the Coal River. CRG is a non-profit 501(c)(3) organization dedicated to the protecting, preserving, and promoting the Coal River watershed. Since 2004 the Group has been working to restore the quality of the watershed and increase river recreation in southern West Virginia. The mission of the Coal River Group is to Clean up, preserve, and improve the Big, Little, and main Coal Rivers; create and promote recreational opportunities on the rivers to the improve the region's economy; and to preserve the history of the Coal Rivers and the region.



Kids learned how to tie flies at the 2012 Coal River Water Festival from volunteers from Trout Unlimited.

## 2012 Project Summary

CRG planned to use the grant money for administrative expenses, such as insurance, newsletters, etc.



Over 600 paddlers floated in the 2012 Tour de Coal event.

## Issues

Sewage from faulty residential septic tanks that have no leach beds

Industrial waste and siltation from coal mining operations

Commercial and public buildings with inadequate waste collection systems

Trash and litter

Stream bank erosion

## Partners

WV DEP Project WET

Boys & Girls Clubs of Charleston and St. Albans

WV DEP REAP

Boone County Commission

Boone County Parks and Recreation

Hurricane and St. Albans High Schools

City National Bank

Mardi Gras Casino

St. Albans Convention and Visitors Bureau

Moses Ford

WV American Water

B&M Oil

Coal River Energy

Daniel Chevrolet-Buick

Penn Virginia Company

Whitesville State Bank

AmericCorps National Civilian Community Corp (NCCC)

**Amount of Grant: \$5,000**



### Partners (continued)

- The Norcross Wildlife Foundation: Howard Models
- Boone Motor Lodge
- Boone Career & Technical Center
- Coal River Canoe & Kayak
- Marshall University's Integrated Science & Technology Department

### Accomplishments

- Held watershed festival for the Boys & Girls Club of Charleston and St. Albans
- Conducted stream cleanups

- Removed 1,500 tires from the Big and main Coal Rivers
- Hosted school group tours for 50 kids
- Held paddling event for 750 participants
- Designed and built a raised relief model of the Coal River Watershed
- Completed a portage trail and boardwalk around Upper Falls
- Founded a Little Coal Branch committee
- Acquired Coal River Canoe & Kayak rental
- Founded internship program with Marshall University



The West Virginia Conservation Agency's Mark Buchannon led a station at the Coal River Water Festival for a youth group from the Boys & Girls Clubs.

# Coal River Mountain Watch

**Counties: Raleigh Watershed: Coal River**

**Contact: Vernon Haltom, Whitesville, WV 304-952-4610**

**E-mail: [Vernon@crmw.net](mailto:Vernon@crmw.net)**

**[www.crmw.net](http://www.crmw.net)**

## Organization

The mission of Coal River Mountain Watch (CRMW) is to stop the destruction of the communities and environment by mountaintop removal mining, improve the quality of life in the area, and help rebuild sustainable communities. CRMW is comprised of local leaders and community members, volunteers and students, and works in close partnership with many local, regional, and state environmental and educational groups. CRMW was formed in 1998 by a group of citizens concerned about the growing problem of mountaintop removal coal mining.



The cleanup of old dump sites was a major accomplishment for CRMW.

## 2012 Project Summary

CRMW planned to conduct cleanups on Marsh Fork which they refer to as the "Tadpole Project," removing trash and developing a community map to identify problem areas which will cost \$2,600. They also planned to use \$650 for interns, rent and utilities.

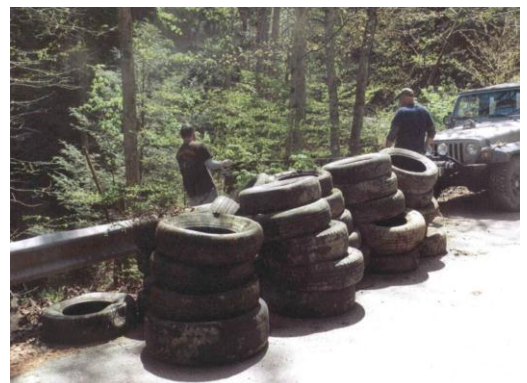
### Issues

Personal garbage  
Scrap metal  
Coal mines  
Coal processing plants  
Mountaintop removal sites  
Gas wells  
Timbering

### Partners

WV REAP  
World Class Kayak Academy from Montana  
WV Save Our Streams

**Amount of Grant: \$3,400**



More than 500 tires were removed from the rivers and hollows.



## Accomplishments

- Trained staff on stream testing
- Cleaned old dumps
- Removed over 500 tires from river/hollows
- Trained/Oriented over 100 students at Mountain Justice Fall Summit
- Provided Peachtree Falls tour to WV Land Trust



CRMW volunteers cleaned up old dump sites and noted problem sites for future cleanups.

# Davis Creek Watershed Association

**Counties: Kanawha Watershed: Kanawha River**  
**Contact: Diana Green, Charleston, WV 304-543-1948**  
**E-mail: [dkgg@suddenlink.net](mailto:dkgg@suddenlink.net)**  
**[www.daviscreekwv.org](http://www.daviscreekwv.org)**

## Organization

Davis Creek Watershed Association (DCWA) was organized by, and continues to be, a diverse group of citizens united by a common goal: to improve the environmental quality, and thus the quality of life, in the watershed. DCWA's board of directors is a reflection of the membership and the demographics of the community. The membership and leadership include business owners, medical and scientific professionals, office workers, riparian landowners, contractors, a church leader, livestock and farm owners, a realtor, sportsmen and outdoor enthusiasts, all of whom live within the watershed.



WV Save-Our-Streams Coordinator Glenn Nelson trained volunteers on stream monitoring in the watershed.

## 2012 Project Summary

DCWA planned to hire an intern to conduct water quality monitoring, publish a newsletter and organize cleanups.

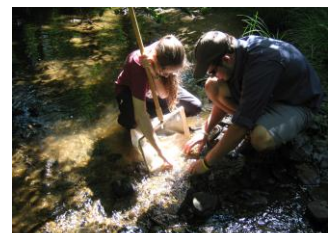
## Issues

Stream bank erosion  
Roadside litter  
Decline in water quality  
Sedimentation  
Mountaintop mining operations  
Stream habitat decline

## Partners

W.Q. Watters Company  
F.M. Davis Family Foundation  
University of Charleston  
Clay Center Nature Camp

**Amount of Grant: \$1,500**



Volunteers conducted water sampling on Davis Creek.



## Accomplishments

- Conducted additional water sampling
- Sent reports to WV Save Our Streams Program
- Wrote and published newsletter
- Recruited new volunteers



**Davis Creek volunteers taught kids at the Clay Center Nature Camp about watersheds using the Enviroscope.**



**Volunteers collected bugs in the streams of the Davis Creek watershed.**

# Friends of Blackwater

**Counties:** Tucker **Watershed:** Blackwater River  
**Contact:** Judy Rodd, Charleston, WV 304-345-7663  
**E-mail:** [info@saveblackwater.org](mailto:info@saveblackwater.org)  
[www.saveblackwater.org](http://www.saveblackwater.org)

## Organization

Friends of Blackwater (FOB) is a non-profit conservation organization working effectively in the Mid-Atlantic Appalachian Highlands with a mission to protect key landscapes and watersheds, natural and human communities, and to support economic development that maximizes biodiversity and outdoor recreational opportunities for future generations. The project office is located in Davis along the Blackwater River in Tucker County where recruitment of supporters and volunteers is coordinated.



VISTA Ben Wierciuski demonstrated water monitoring.



The NCCC team helped to create trails along the water.



Volunteers built trails along the banks of the North Fork.

## Issues

Acid mine drainage  
Metal deposits  
Coal, Coke and Railroad industries

## Partners

WV DEP  
Blackwater Falls State Park  
Monongahela National Forest  
Purple Fiddle  
Appalachian Coal Country Team  
City of Thomas  
Boomtown Java  
Trout Unlimited  
Tucker County Ministerial Association  
Canaan Valley National Wildlife Refuge  
National Forest Service  
Tip-Top  
Tucker County Trails  
O.C. Cluss  
AmeriCorps National Civilian Community Corp (NCCC)

**Amount of Grant:** \$5,000



The NCCC Team worked on walking trails in Thomas.



## 2012 Project Summary

FOB planned to continue monitoring for AMD impacts. They also intended to develop a plan for trout restoration in conjunction with Trout Unlimited, pay lab fees for their Google Earth Program and provide a Vista match of \$2,000.

## Accomplishments

- Completed 12 water monitoring volunteer outings
- Hosted two NCCC teams for environmental work
- Completed Thomas City Trail System
- Began the Blackwater River Trail
- Hired a new VISTA
- Eradicated invasive species in wetland
- Modified water monitoring sites
- Conducted river front trash cleanup
- Held a tree planting event



Volunteers worked to eradicate wild Yellow Iris in Canaan Valley Wildlife Refuge.

# Friends of Deckers Creek

**Counties: Monongalia, Preston Watershed: Monongahela River**

**Contact: Elizabeth Wiles, Dellslow, WV 304-292-3970**

**E-mail: [liz@deckerscreek.org](mailto:liz@deckerscreek.org)**

**[www.deckerscreek.org](http://www.deckerscreek.org)**

## Organization

Friends of Deckers Creek (FODC) started in 1995 with the thought that Deckers Creek is beautiful, but abused, and needs friends. An informal group of kayakers, rock climbers and other creek lovers started organizing cleanups of illegal dumps and monitoring water quality. By 1997, this group began receiving small grants to support its work. FODC then obtained 501(c) (3) nonprofit status in 2000 and held its first membership drive in 2001. FODC's mission is to improve the natural qualities of, increase public awareness for, and promotes the enjoyment of the Deckers Creek watershed. FODC members include business owners, students, parents, kayakers, rock climbers, bikers, tax payers, educators and concerned citizens who are dedicated to make Deckers Creek a viable aquatic habitat and a recreational and economic asset to the local community. Deckers Creek is a direct tributary of the Monongahela River.



**Youth Advisory Board volunteers set up a station at the Outdoor Learning Park**

## 2012 Project Summary

FODC requested money to support the FODC Executive Director in non-grant funded tasks, publish one issue of the FODC newsletter, provide OSM VISTA matching funds and pay for administrative costs.

## Issues

Acid mine drainage  
Untreated sewage  
Illegal solid waste dumping  
Storm water discharges  
Public acceptance of the current status of the creek

## Partners

Morgantown Brewing Co.  
The Soul Miners  
Middle Tennessee State University  
Montgomery County Community College  
WVU School of Public Health  
Friends of the Cheat, Inc.  
WV Surface Owners Rights Org.  
Preston CARES  
Wetzel County Action Group  
Board of Parks and Recreation  
Skelly and Loy, Inc.  
Breakaway, Inc.  
WV DEP  
Office of Surface Mining  
Citizen Scientists  
Landowners  
FODC Youth Advisory Board  
Adventure West Virginia  
WVU Dept. of Fisheries and Wildlife  
Arts Monongalia  
WVU Center for Civic Engagement  
Mon County Master Gardeners  
Mainstream Morgantown

**Amount of Grant: \$5,000**



## Partnerships (continued)

- Mon County Master Naturalists
- WV Botanical Garden
- Appalachian Coal Country Team
- WVU National Research Center for Coal and Energy

## Accomplishments

- Planned and hosted the 2012 Deckers Creek Adventure Race fall fundraising event
- Conducted the annual fish survey and quarterly water chemistry monitoring for Clean Creek Program
- Held four public outreach meetings, including two tours of Wetzel County natural gas drilling sites
- Developed and began implementation of a management and maintenance plan for the Outdoor Learning Park

- Continued environmental education activities
- Hired and trained new OSM VISTA
- Completed identification of macroinvertebrae samples for Clean Creek Program
- Recruited, hired and trained new Water Remediation Project Manager, Education Coordinator and Volunteer Coordinator
- Published and distributed one newsletter to over 1,400 supporters
- Produced the 2012 Spring Meltdown fundraising event and auction
- Completed Sandy Run AMD Treatment Facility
- Trained volunteers to conduct bi-weekly water chemistry measurements in the watershed



Members and volunteers were proud of the work they did to create the Outdoor Learning Park.



Attendees danced at the 7<sup>th</sup> Annual Spring Meltdown and Live Auction, proceeds of which go to fund the OSM VISTA position.

# ***Friends of the Cheat, Inc.***

**Counties: Monongalia, Preston, Tucker, Randolph, Pocahontas Watershed: Cheat River**

**Contact: Amanda Pitzer, Kingwood, WV 304-329-3621**

**E-mail: [Amanda@cheat.org](mailto:Amanda@cheat.org)**

**[www.cheat.org](http://www.cheat.org)**

## **Organization**

Friends of the Cheat (FOC) is a 501(c)(3) watershed organization formed to address the severe acid mine drainage impairing 20 miles of the Lower Cheat River main stem and seven of its major tributaries. FOC has been a catalyst for millions of dollars of study, research, and reclamation activities in the watershed. In recent years, FOC has broadened the focus to the creation of recreation and economic opportunities within the watershed and the development of hiking trails on abandoned railroad corridors.



**A member trained a volunteer to sample water on Muddy Creek.**

## **2012 Project Summary**

FOC planned to use all the funds requested to support the expanding watershed monitoring efforts of the FOC Mapping and Monitoring Program. With impending unconventional natural gas exploration and extraction from Devonian shales in the Cheat watershed, it is essential for continuing the mission of FOC to respond accordingly to this rapidly growing issue. The Marcellus boom poses a broad range of potential impacts, for which FOC intended to monitor through several different approaches.

### **Issues**

Acid mine drainage  
Recreational access  
Litter/dumping  
Invasive plants  
Marcellus shale gas drilling

### **Partners**

MonQUEST  
Cabela's Wheeling  
Dominion Foundation/Western  
Pennsylvania Conservancy  
Buy Fresh Buy Local WV

**Amount of Grant: \$5,000**



**OSM/VISTA Aubrey Harris hosted a volunteer monitor appreciation dinner in September 2012. The people were looking at a graph of electrical conductivity at one of the sites that were impacted by land disturbance up-stream.**



## Accomplishments

- Ordered two new data loggers and deployed one
- Increased volunteer monitors to 19 from six
- Held two volunteer water monitor trainings
- Created and launched an online data entry form to increase efficiency of data collection and sharing
- Coordinated a Foodshed=Watershed benefit dinner and raised \$265 for the CAPABLE program
- Held its first quarterly CAPABLE program meetings to discuss goals with volunteers
- Added two new monitors to the CAPABLE program
- Created a new data-logger monitoring position
- Responded to citizen concerns of water pollution due to development of Mon-Fayette Industrial Park
- Maintained 15 monitors, surveyed 22 sites, and obtained 253 data collections under the CAPABLE program
- Deployed five data-loggers in the Cheat Watershed
- Improved data-logger security with new hardware
- Maintained an inventory of calibration fluid and pH strips for local monitors
- Travelled 371 miles to train volunteers and identify monitoring sites
- Supported CAPABLE coordination
- Maintained FOC vehicle
- Analyzed 62 water samples for AMD parameters for the Mapping and Monitoring program
- Purchased software to sync the HoboWare Data-logger to the new VISTA computer



Members and volunteers met to go over issues surrounding the Cheat River watershed at the pavilion.

# ***Friends of the Lower Greenbrier River***

**Counties: Greenbrier, Monroe, Summers Watershed: Greenbrier River**

**Contact: Chris Chanlett, Alderson, WV 304-466-5181**

**E-mail: [info@lowergreenbrierriver.org](mailto:info@lowergreenbrierriver.org)**

**[www.lowergreenbrierriver.org](http://www.lowergreenbrierriver.org)**

## **Organization**

Friends of the Lower Greenbrier River began in 1990 when an ad hoc group of citizens organized to protect the river and the safety of local drinking water from a newly built CAA pressure-treated wood plant within the flood plain of the River at Alderson, WV. The efforts resulted in the enforcement of state environmental laws requiring the property owner to comply with permitting regulations. The group was chartered as a 501(c) 3 in 1991 and was renamed the Friends of the Lower Greenbrier River (FOLGR) in 1999. The 1999 name change reflected a broadening of the geographical scope of the group's activities to include the entire lower Greenbrier River watershed and expansion of the group's mission to include other issues affecting the River and its tributaries. The lower Greenbrier River watershed is located in southeast West Virginia, covering the town of Caldwell to the mouth at Hinton where it flows into the New River.



**Volunteers dug out the boundaries for the Alderson Elementary rain garden.**

## **2012 Project Summary**

FOLGR planned to support its staff, office, and water monitoring program with the funds from this grant. FOLGRS also planned to support the new education program at Eastern Greenbrier Middle School.

## **Issues**

Fecal coliform bacteria

Algae

Trash

## **Partners**

National Park Service

WV DEP

National Committee for the  
New River

AmericaCorps VISTA

Mountain RC&D

Greenbrier County Conservation  
District

Alderson Elementary

Town of Alderson

Alderson Main Street

Eastern Greenbrier Middle School

**Amount of Grant: \$5,000**



**Volunteers laid mulch in the Alderson Elementary rain garden.**



## Accomplishments

- Completed the 2011-2012 Eastern Greenbrier Middle School Program in its second year
- Published and distributed newsletters
- Held two events in honor of the Batteau Expedition
- Held two roadside cleanups
- Conducted several in classroom presentations to Kindergarten to 8<sup>th</sup> Graders
- Constructed Alderson Elementary rain garden
- Completed septic repair for Muddy Creek resident
- Collected water samples in conjunction with the Muddy Creek monitoring plan
- Completed the 3D river model
- Installed rain barrels at Alderson Elementary



Watershed group members and volunteers constructed a 3D model of the Lower Greenbrier River.

# Greenbrier River Watershed Association

**Counties:** Pocahontas, Greenbrier, Summers, Monroe **Watershed:** Greenbrier River

**Contact:** Leslee McCarty, Lewisburg, WV 304-646-7563

**E-mail:** [Lesleemac1@frontier.com](mailto:Lesleemac1@frontier.com)

[www.greenbrierriver.org](http://www.greenbrierriver.org)

## Organization

Founded in 1992, Greenbrier River Watershed Association (GRWA) is one of the oldest watershed groups in West Virginia. The Greenbrier River Watershed includes 1,637 square miles of land and 270.86 stream miles in Pocahontas, Greenbrier, Monroe and Summers counties. GRWA is an organization recognized by the IRS. GRWA is a 501(c)(3) nonprofit organization that partners with other environmental nonprofits, government organizations, and like-minded groups to educate the public. GRWA depends on grants and public support to assist the public with issues such as, water quality, water quantity, protection of forests to alleviate pollution, prevention of substandard and/or illegal developments, using sinkholes and cave systems for trash disposal, leaking septic tanks, water sampling, straight piping, and wastewater treatment plant issues.



A public meeting was held to learn more about Marcellus drilling in the watershed.

## 2012 Project Summary

GRWA planned to increase the mailing of the State of the Watershed Report, increase outreach events, purchase Karst Trail Project materials for classroom use, update the website and pay for office maintenance and expenditures.

## Issues

Fecal coliform bacteria  
Pollution from farming  
Mercury  
Marcellus drilling  
Karst

## Partners

WV DEP  
WV DOH  
Greenbrier River Trail Association  
National Committee for New River  
Greenbrier Land Conservation Trust  
WV Outdoor Heritage Conservation Fund  
New River Community and Technical College  
Lost World Caverns  
Greenbrier County Middle Schools  
Friends of the Lower Greenbrier River  
WV Land Trust

**Amount of Grant:** \$5,000



Many old tires were collected in the Make it Shine cleanup.



## Accomplishments

- Held public meeting with DEP on Marcellus drilling
- Opened “Karst” trail at Lost World Caverns
- Completed teachers information packet on Karst
- Partnered with Greenbrier Middle Schools
- Won education and outreach award from WV Watershed Network
- Monitored sewage plant upgrade and Ronceverte algae issues
- Partnered with WV Environmental Council and local representatives to encourage more stringent Marcellus drilling regulations
- Met with DEP to review standards for landfills taking Marcellus Waste
- Distributed notecards with important environmental facts to local shops
- Won a grant to protect 250 acres of river property at Spice Run Wilderness area
- Supported the WV Make it Shine Program and cleaned up six tons of trash, tires and appliances
- Held the Great Greenbrier River Race with 500 racers – the biggest event ever
- Started working on a 270-acre protection plan for a riverside property across from Spice Run



More than 500 racers competed in the Great Greenbrier River Race.

# Indian Creek Watershed Association

**Counties: Monroe Watershed: Greenbrier River**

**Contact: Jill Young, 304-772-5482**

**E-mail: [jillgraceyoung@yahoo.com](mailto:jillgraceyoung@yahoo.com)**

**[www.indiancreekwatershedassociation.org](http://www.indiancreekwatershedassociation.org)**

## Organization

Indian Creek Watershed Association (ICWA) has been an active watershed organization since 1996. The focus and mission is “the preservation and protection of Monroe County’s abundant, pure water.” ICWA’s broad membership includes individuals from public and private sectors, self-employed and retired individuals, outdoor enthusiasts, farmers, homemakers, school employees, social workers, scientists, geologists and historians. The organization is committed to providing the public with information, but also receiving feedback from concerned local citizens. ICWA welcomes all members who believe that land and water stewardship is the responsibility of all citizens.



4-H campers received hands-on water training during workshops.

## 2012 Project Summary

ICWA planned to fund four Citizen Science Workshops, continue the calendar project, erect a large version of the Karst poster at Beckett’s Park, create one watershed based theme quilt square to be displayed on a public building, and facilitate further education on watershed issues for current board and other members.

## Issues

Karst

Unregulated Development

Gas drilling

Streambank erosion

Contamination from farming

## Partners

Monroe Public Library

Peterstown Public Library

Sweet Springs Valley Water  
Company

Monroe County Office of WV  
Extension Service

WV Fish and Wildlife Service

Friends of the Second Creek

Local Landowners

Mountain RC&D

Bas Relief

WV DOH

Monroe County Arts Alliance

Monroe Watchman Newspaper

National Speleological Society

Monroe County Cavers

**Amount of Grant: \$5,000**



Kids learned about Karst watershed habitat during workshops.



## Accomplishments

- Canoeed and scouted Indian Creek for creek walk site
- Supported Make it Shine Program by picking up garbage
- Introduced the Monarch Monitoring Project at Arts in the Hills with cards distributed at libraries
- Published articles in the Monroe Watchman newspaper
- Held Karst workshop on March 22, attended by 76
- Presented watershed information at the National Speleological Society convention in Lewisburg
- Attended Cave and Karst Education Day at the speleological convention
- Took a cave field trip where members were introduced to cave habitat
- Conducted a cave field trip and cleanup at Haynes Cave
- Coordinated with WV Fish and Wildlife about a potential creek walk during the summer
- Gathered 75 photos from community members as entries for the group's annual calendar
- Planned photo exhibit at both county libraries for 2013
- Printed and distributed 2012 calendar
- Purchased supplies for Save Our Streams workshop
- Presented a hands-on water workshop to 128 Monroe County 4-H campers
- Presented *Project Underground* activities and information at Monroe County Autumn Harvest Festival
- Planned pollinator workshop for the Monarch project for summer of 2013



The Indian Creek cleanup crew worked hard to make their watershed prosperous and clean.

# Morris Creek Watershed Association

**Counties: Fayette, Kanawha Watershed: Kanawha River**

**Contact: Wanda King, 304-442-4113**

**E-mail: [Peewandie@hotmail.com](mailto:Peewandie@hotmail.com)**

**[www.morriscreekwatershed.org](http://www.morriscreekwatershed.org)**

## Organization

On March 21, 2002, the Morris Creek Watershed Association (MCWA) was officially formed. MCWA is a non-profit organization made up of citizens from the local area joining together in an effort to protect and improve the watershed community to benefit all citizens. MCWA's mission is: to improve the safety of the Morris Creek Watershed, restore its natural beauty, and return the watershed to a safe environment for all residents; to restore the water quality to a condition capable of supporting aquatic life and local recreational activities; and address other key concerns such as flood prevention, stream bank stabilization, acid mine drainage remediation, maintenance and water quality testing.



**Kids received hands-on training in the Outdoor Classroom Program.**

## 2012 Project Summary

MCWA planned to fund Make it Shine cleanups, a Streambank Stabilization project, monitoring data markers, office expenses and the Trout in the Classroom project.

## Partnerships (continued)

- St. John's Baptist Church
- Montgomery Presbyterian Church
- Morris Creek Church of Jesus Christ
- Maple Coal Company
- Asphulanda Tree Service
- USDS
- Walter Coal Company
- Virginia Beach Catholic Church

## Issues

Acid mine drainage  
Sediment control  
Streambank stabilization  
Solid waste cleanup  
Flooding

## Partners

WV DEP  
Trout Unlimited  
Marshall University  
WVU Institute of Technology  
Bridgemont Community College  
Oliverian School  
Dartmouth University  
WV DNR  
WV Division of Forestry  
AEP  
Chesapeake Energy  
WV Stream Restoration Group  
Clonch Industry  
City of Montgomery  
Pardee Resources  
Pratt Elementary School  
Pinch Elementary School  
Chesapeake Elementary School  
South Charleston High School  
Concord University  
WV Conservation Agency  
AEEP  
ACCT  
Marsico Brothers  
Sweet Dreams Bakery  
Triana Energy

**Amount of Grant: \$5,000**



## Accomplishments

- Conducted a yearly creek bed cleanup
- Made necessary repairs and upkeep to the Environmental Learning Center
- Worked to obtain a Browns Field grant to replace the worn out building
- Provided five Trout in the Classroom projects
- Maintained five k-dams
- Worked throughout the year on the outdoor classroom program with various different schools
- Worked with Division of Forestry on an experimental tree planting and to create natural habitat plantings
- Maintained two cemeteries
- Applied for a WHIP grant with a proposal for nine in-stream structures on two acres of pollinating plants
- Established 20 brush piles for wildlife habitat
- Obtained 100 tons of rock for in-stream structures
- Obtained USDS grant for a tiller for three community gardens
- Worked with WV DNR to support the limestone fines program and rewrite the watershed based plan
- Conducted “energy tours” with the colleges and local citizens groups to explore energy usage and better ways to maintain these valuable resources



Many volunteers and residents worked to improve their community with various garden projects.

# Piney Creek Watershed Association

**Counties: Raleigh Watershed: Piney Creek**

**Contact: Jim Fedders, Beckley, WV 304-228-1680**

**E-mail: [pineycreekwatershedassociation@gmail.com](mailto:pineycreekwatershedassociation@gmail.com)**

**[www.pineycreekwatershed.net](http://www.pineycreekwatershed.net)**

## Organization

Piney Creek Watershed Association (PCWA) is a volunteer non-profit organization founded in 2004 by local government, business, and community members.

PCWA's mission is to improve and protect the water resources by educating the community about water quality issues and performing service projects.

Membership includes a broad-based cross section of the community, local government, private business, the local sanitary board, the Chamber of Commerce, significant private landowners, the local Solid Waste Authority, public service districts, local realtors and outdoor enthusiasts.



Local historian, Bill Mize (right), addressed a joint meeting of the Piney Creek Watershed Association and the Raleigh County Historical Society on September 13, 2012. Bill's presentation highlighted the logging and coal-mining history of the lower Piney Creek watershed.

## 2012 Project Summary

PCWA planned to help fund its executive director position, the 4<sup>th</sup> Annual Watershed Festival, several outreach activities, rain garden workshops, and a water contamination mat for car washes.

## Issues

Fecal Coliform bacteria

Acid mine drainage

Littler

Stream access

Streambank erosion

## Partners

Beckley-Raleigh County Chamber of Commerce

Beckley Sanitary Board

Raleigh County Solid Waste Authority

Little Beaver State Park

Raleigh County Memorial Airport

Beckley Renaissance

New River Clean Water Alliance

City of Beckley

New River Gorge National River

Raleigh County Historical Society

Civilian Conservation Corps of WV

US Natural Resources

Conservation Service

**Amount of Grant: \$5,000**



Detlef Ulfers (left), PCWA board member, and Jim Fedders, PCWA executive director, discussed tributaries of Piney Creek.



## Accomplishments

- Obtained a street banner and refurbished letters to use to promote PCWA events
- Sponsored a Save Our Streams workshop
- Sponsored a rain garden seminar for homeowners
- Sponsored the 4<sup>th</sup> Annual PCWA Celebration
- Partnered to develop plan for hiking trail along Piney Creek
- Partnered in planning 1<sup>st</sup> Annual New River Festival
- Participated in strategic planning session with PCWA Executive Board
- Participated in Raleigh County Earth Day event
- Attended WV Non-Profit Associations session
- Paid for special speakers for general meetings
- Participated in New River Festival in conjunction with New River Clean Water Alliance
- Sponsored booth at Beckley Chili Night
- Awarded a STEAM Grant from Beckley Area Foundation to fund clean water posters contest for Raleigh County high schools
- Submitted proposal to Beckley Area Foundation to fund 25 pet waste stations
- Increased number of members through membership drive
- Held successful and well-attended meetings to highlight history of Piney Creek and trail development for the New River Gorge National River
- Completed summer monitoring program by summer intern



A visitor registered at the Piney Creek Watershed Association information booth at the New River Festival in Fayetteville on August 11, 2012.

# Plateau Action Network

**Counties: Fayette Watershed: New River, Gauley River**

**Contact: Levi Rose, Fayetteville, WV 740-591-1750**

**E-mail: [levidrose@gmail.com](mailto:levidrose@gmail.com)**

**[www.plateauactionnetwork.org](http://www.plateauactionnetwork.org)**

## Organization

The Plateau Action Network is a citizen's coalition working within the community to promote responsible economic development and sustainable environmental management. The vision is to promote responsible economic development while supporting sustainable environmental management within our watershed. Incorporated in 1998, PAN has been involved in a variety of projects and issues related to watersheds and the communities within them. These issues vary from powerline routes through scenic and sensitive areas, proposed gas line routes, water quality issues (wastewater treatment and management, acid mine drainage, flooding, and stormwater management), long term planning efforts within the county (e.g. land use, zoning and building codes), and responsible economic development.



PAN assisted in several community cleanup programs.

## 2012 Project Summary

PAN planned to help fund its Watershed Coordinator, a quarterly production of the newsletter, participation at the international River Ralley and various community outreach activities and cleanup programs.

### Issues

High levels of iron/aluminum  
Fecal Coliform bacteria  
Abandoned Mine Land  
Acid mine drainage  
Streambank erosion  
Pasture/Croplands  
Onsite sewer systems

### Partners

River Network  
Waterkeepers Alliance  
New River Clean Water Alliance  
Harbor Engineering  
Bake Engineering  
Fayette County Health  
Department  
National Committee for the New  
River  
Aspen Landscaping  
WVU Law Clinic

**Amount of Grant: \$5,000**



Volunteers clean up debris along the Lower New River.



## Accomplishments

- Moved into new office space
- Awarded Wolf Creek Stream Restoration Grant
- Awarded Fayette Square Bioretention Stormwater Runoff Grant
- Awarded Fayette County Onsite Septic System Database Grant
- Attended National River Rally
- Supported the Watershed Coordinator position



PAN members and volunteers removed tires, garbage and other debris from the Lower New River during the annual river cleanup.

# Potomac Valley Audubon Society

Counties: Jefferson Watershed: Potomac

Contact: Kristen Alexander, Shepherdstown, WV 304-676-3397

E-mail: [PVASmail@aol.com](mailto:PVASmail@aol.com)

[www.potomacaudubon.org](http://www.potomacaudubon.org)

## Organization

Potomac Valley Audubon Society (PVAS) has over 800 members in its service area which includes Jefferson, Berkeley and Morgan Counties in West Virginia and Washington County, Maryland. PVAS manages three nature preserves for the protection of wildlife and enjoyment of people. At these preserves and other locations, PVAS offers a wide variety of programs for adults, youth and families such as free monthly lectures, free field trips to natural areas of interest, a Master Naturalist program, school programs for K-6, a popular summer camp, and programs for youth organizations such as scouts and home school groups. PVAS has been providing watershed education for 4<sup>th</sup> grade classrooms at local schools since 2001. Whenever possible, the program also includes a service project at the school to correct erosion or runoff issues with an erosion control or rain garden.



Teachers took part in watershed training in February.

## 2012 Project Summary

PVAS planned to provide watershed education to 4<sup>th</sup> graders, training to the City of Ranson to manage and construct its streamside park, and to train volunteers to manage invasive plants, monitor for water quality and create plant buffers.

## Issues

Significant housing and business development

Trash from businesses

Storm runoff from parking lots

Past land use

Streambank erosion

Invasive plant species

## Partners

Potomac Valley Master

Naturalists

WV Division of Forestry

T A Lowery Elementary School

Driswood Elementary School

City of Ranson

Ranson Elementary School

Wildwood Middle School

Jefferson County Schools

Amount of Grant: \$5,000



Ranson Elementary School students learned about water during their field trip while overlooking Flowing Spring Bridge.



## **Accomplishments**

- Resupplied 4<sup>th</sup> Grade Watershed Program supplies
- Engaged volunteers in Mile-A-Minute invasive removal
- Educated 162 elementary students in watershed education
- Provided transportation for Ranson Elementary School 4<sup>th</sup> Grade students' watershed program field trip
- Provided portable toilet facilities for school field trips
- Conducted field experience for 60 4<sup>th</sup> Graders in the watershed education program and seven students from Wildwood Middle School's STEM Club
- Provided training for school teachers on 2/18/13
- Purchased seedlings for transplant as buffer zone at Flowing Springs Park



**Captain Lou Scavnicky helped students identify macroinvertebrates in the watershed.**



**Students checked the pH balance in water they collected.**

# Save the Tygart Watershed Association

**Counties:** Taylor, Marion, Preston, Barbour **Watershed:** Tygart Valley River

**Contact:** Paul Baker, Grafton, WV 304-363-7338

**E-mail:** [paulfran3@gmail.com](mailto:paulfran3@gmail.com)

[www.savethetygartriver.org](http://www.savethetygartriver.org)

## Organization

The Save the Tygart Watershed Association (STTWA) mission has not changed since 2001. The organization's goal is to provide a clean Tygart River for people to enjoy, clean drinking water, water of good quality to enhance every aspect of human activity and enhancement for fish and wildlife. Water monitoring and analysis remains the primary tool to accomplish this mission. Monitoring is coupled with a proactive approach to intervention and prevention with results driven strategies and tactics to guide various projects and programs.



Volunteers conducted water sampling on Brains Creek, a tributary to Three Fork Creek.

## 2012 Project Summary

STTWA planned continued monitoring on Three Fork Creek and the Left Fork of Sandy Creek, especially for Marcellus drilling impacts and chemical balances. STTWA also planned trash barrel purchases and hosting public meetings.



Delegate Mike Manypenny presented Save the Tygart with a community grant.

## Issues

Acid mine drainage

Aquatic life

Mining operations

## Partners

WV DEP

U.S. Army Corps of Engineers

Tygart Lake State Park

Various Community Groups

Arch Coal

Fellowsville/Laurel Mountain

Watershed Association

**Amount of Grant:** \$5,000



A volunteer checked the state of the Raccoon Creek Doser.



## Accomplishments

- Continued monitoring of Tygart River and Three Fork Creek for full analysis
- Continued to monitor Berkeley Run for mud runoff from raceway
- Placed Christmas Trees in Tygart Lake for fish habitat in cooperation with other community groups
- Held a hot dog sale at the Memorial Day Parade in Grafton, raising \$300 and doing considerable public outreach
- Helped Tygart Lake State Park with their “Hooked on Fishing Not on Drugs” youth fishing tournament, giving away hot dogs and drinks to attendees
- Participated in a May cleanup in cooperation with the Corps of Engineers
- Completed the Watershed Based Plan for Sandy Creek
- Begun monitoring Sandy Creek watershed for planned AMD mitigation project and assessing existing AMD mitigation in conjunction with Fellowsville/Laurel Mountain Watershed Association
- Placed signs on Three Fork Creek informing that the stream is in recovery and is being monitored and that citizens should report any incidences of pollution
- Held presentation at the September 2013 monthly meeting where three representatives of Arch Coal discussed their approach to environmental protection in regard to the recently opened Leer Mine on Three Fork Creek and to two other proposed mines, one on Shelby Run and one on Turner Run, both tributaries of the Tygart River
- Started monitoring program on Shelby Run and Turner Run as a result of the proposed mines going in
- Purchased a Hach FH950 flow meter



Many volunteers gathered to conduct a fish shocking and count on Three Fork Creek.

# Tyler County Development Authority

Counties: Tyler Watershed: Middle Island Creek

Contact: J. Eric Peters, Sistersville, WV 304-652-1760

E-mail: [ericpeters.tcda@frontier.com](mailto:ericpeters.tcda@frontier.com)

[www.tylercountywv.org](http://www.tylercountywv.org)

## Organization

The Tyler County Development Authority (TCDA) is the lead economic and community development organization, as designated by the Tyler County Commission. In that role, the TCDA directs its efforts toward enhancement and preservation of natural, recreation and tourism assets, community wellness and tourism development, in addition to innovative and traditional economic development projects. The TCDA Board of Directors is appointed by the Tyler County Commission and, as per the requirements of state code governing development authorities, has balanced representation from both the business and labor sectors, tourism sector and also provides presentation for those involved in conservation as it impacts agriculture, recreation and tourism development. The TCDA has assumed the role previously held by the Middle Island Creek Conservation Group. Several of the members of that group now serve as members of TCDA. The TCDA has been incorporated since 1996, and has been the county's lead economic development organization for the previous 18 years.



**The Middle Island Creek Raceway has been in need Restoration for a long time.**

## 2012 Project Summary

The Tyler County Development Authority planned to fund the "Jug Project" with stream bank stabilization, restoring the natural course of Middle Island Creek, a major tributary of the Ohio River. The "Jug" derives its name

### Issues

Shoreline erosion  
Stream sedimentation  
Litter

### Partners

WV DOH  
WV DNR  
WV Department of Commerce  
Delegate Romine  
Senator Edgell  
Senator Kessler  
U.S. Soil Conservation

**Amount of Grant: \$5,000**



**Days long ago the "Jug" was a widely used area for recreation.**



## 2012 Project Summary (continued)

from the unique geographical/topographical feature in Middle Island Creek.

### **Accomplishments**

- Conducted a site visit and survey of the project area
- Secured engineer's renderings of low water bridge rehabilitation and wing walls
- Designed a solution to the problems surrounding the project
- Budgeted for the project
- Gained project support from state senators and delegates
- Investigated problematic areas surrounding the project



The Middle Island Creek "Jug" Bridge and the waters surrounding it have needed a great deal of attention to restore it to its original beauty for a long time.

# Upper Guyandotte Watershed Association

**Counties: Wyoming, Randolph Watershed: Guyandotte River**

**Contact: Val Page, Mullens, WV 304-250-7053**

**E-mail: [info@ugwawv.org](mailto:info@ugwawv.org)**

**[www.ugwawv.org](http://www.ugwawv.org)**

## Organization

The Upper Guyandotte Watershed Association (UGWA) was founded in response to the devastating flood event of July 2001. Through investigation and community outreach, the various problems and issues facing the watershed were identified, and UGWA continues to develop projects to address these issues. UGWA is a grassroots community organization striving to empower citizens to take a leadership role on environmental issues in the watershed.



**Students learned about the water and environment through a tool called the Enviroscope.**

## 2012 Project Summary

UGWA planned to oversee several on-the-ground wastewater projects, as well as complete projects in the works and get them connected. Little is a big issue for UGWA. Therefore, several stream cleanups were planned, along with a Stormwater BMP demo, many educational and outreach activities, and participation in the Annual Watershed Celebration Day and international River Rally.

## Issues

Inadequate Wastewater Treatment  
Abandoned Mine Drainage  
Sedimentation  
Streambank erosion  
Litter  
Coal mining  
Logging  
Flooding  
Poverty  
Invasive weeds

## Partners

Coma PSD  
WV DEP  
Canaan Valley Institute  
Winding Gulf Restoration Organization  
Wyoming County Commission  
Logan PSD  
Mullens Sanitary Board  
Wyoming County Health Dept.  
City of Mullens  
U.S. Army Corp of Engineers  
WV DNR  
Wyoming County Board of Educ.  
Ground Work Wyoming County  
WV Development Office  
The River Network

**Amount of Grant: \$5,000**



## Accomplishments

- Completed some stabilization and a project plan for invasive weed management for the Ury Riparian Enhancement Project
- Identified homes suitable for septic systems for the Winding Gulf On Site Loan Program
- Attended several area PSD meetings to gather information and discuss the Wyoming County Wastewater Plan with Canaan Valley Institute
- Removed one broken pet waste station from the City of Mullens and maintained the rest
- Conducted the stormwater BMP demo, drainage patterns were analyzed, and preparations have been made to install rain gardens at the Itmann building
- Held the Wyoming County Water Festival, an educational event for more than 200 local fifth graders
- Continued restoration of the historical Itmann building with in-kind materials from the Wyoming County Board of Education and local businesses
- Continued the merger process between GWWC and UGWA with several meetings and a Flex-E grant
- Planned an informational meeting to recruit new and keep former volunteers during the merger
- Completed two rounds of short term monitoring on the Winding Gulf



Jennifer Garlesky, Public Information Specialist for WV DEP, played the game *Green Jeopardy* with students in the field.



# Wastewater Treatment Coalition of McDowell County

Counties: McDowell Watershed: Elkhorn Creek

Contact: Peni Adams, Welch, WV 304-436-6556

E-mail: [mcdowellwtc@frontiernet.net](mailto:mcdowellwtc@frontiernet.net)

[www.wastewatertreatmentcoalition.com](http://www.wastewatertreatmentcoalition.com)

## Organization

The Wastewater Treatment Coalition of McDowell County (the Coalition) was formed in 2003 following recovery efforts caused by two catastrophic floods in July 2001 and May 2002. During the time of cleanup, it was found that proper wastewater treatment was lacking in the county. After formation of the Coalition, the task of assessing wastewater treatment needs began and a wastewater treatment plan was developed. The Coalition also works to implement the approved North Fork of Elkhorn Creek Watershed Based Plan.



An article appeared in The Welch News on December 12, 2012, about the watershed projects being conducted with 319 Clean Water Act grants.

## 2012 Project Summary

WTCMC planned to fund community meetings related to the wastewater treatment facility for the community of Crumpler. In addition, WTCMC planned to participate in the annual water festival, publish a newsletter, maintain its website, and pay for administrative costs such as staff, office space, telephone and insurance.

## Issues

Inadequate wastewater treatment  
Fecal coliform bacteria  
Litter

## Partners

McDowell County Health Department  
Mountain RC&D  
WV DEP  
Canaan Valley Institute  
McDowell County PSD  
McDowell County Economic Development Authority  
WV Ministry of Advocacy and Work Camps  
McDowell County FACES  
SAFE  
SHED

Amount of Grant: \$5,000





## Accomplishments

- Planned the 4<sup>th</sup> Annual Water Festival
- Held the 3<sup>rd</sup> Annual Children's Waters Festival
- Planned several meetings to discuss the 319 and On Site Loan Programs
- Conceptualized and developed a new public relations campaign for the Northfork of the Elkhorn River area
- Planned meetings for the Crumpler and McDowell community sewer projects
- Attended PSC meetings to organize and coordinate the Crumpler/McDowell project
- Selected an engineering firm for the Crumpler/McDowell project
- Planned attendance at the McDowell Day at the Legislature to showcase accomplishments and future goals



Project Coordinator Maggie Nevi presented the new display for the Wastewater Treatment Coalition of McDowell County to the public.

*We never know the worth of water till the well is dry.*  
*~ Thomas Fuller, Gnomologia, 1732*

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Environmental Protection  
Division of Water & Waste Management  
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