

West Virginia Stream Partners 2004 Yearbook



Look Inside:

- See what volunteers have done to improve our watersheds
 - Find out how you too can join a group and make a difference
-

Stream Partners Hotline: 1-800-654-5227
Website: www.wvca.us/stream.cfm

West Virginia Stream Partners
Improving our waters for the future



2004 Yearbook
West Virginia Stream Partners Program is a cooperative effort of West Virginia's
Department of Environmental Protection, Division of Forestry,
Division of Natural Resources, and West Virginia Conservation Agency.
The Department of Environmental Protection is an equal / affirmative action employer.

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Summary

2004 represents the ninth year of the West Virginia Stream Partners Program. Twenty grants totaling \$100,000, were awarded to watershed associations across the state to assist with the creation of partnerships, evaluation of issues, and completion of watershed improvement projects.

The following table shows the total of in-kind and cash contributions reported by the organizations for their projects.

Watershed Association	Grant	In-Kind	Cash
Baker's Run Conservation Society	\$4,200.00	\$447.00	
Campbell's Creek Improvement Council	\$3,550.00	\$17,625.00	
Coal River Group, Inc.	\$5,000.00	\$5,770.00	\$10,000.00
Dunkard Creek Watershed Association	\$5,000.00	\$100.00	\$473.00
Elk Headwaters Watershed Association	\$3,781.00	\$437.92	\$2,213.00
Elkhorn Creek Watershed Association	\$3,255.00	\$2,605.00	
Friends of Deckers Creek	\$5,000.00		\$6,450.00
Friends of the Cheat	\$5,000.00	\$3,130.00	\$10,070.00
Friends of the Second Creek	\$5,000.00	\$20,480.00	\$12,700.00
Greenbrier River Watershed Association	\$5,000.00	\$27,250.00	\$42,200.00
Guardians of the West Fork	\$5,000.00		\$1,998.00
Heizer Manila Watershed Association	\$5,000.00	\$660.00	\$500.00
Horseshoe Run Watershed Association	\$5,000.00		
Kelly's Creek Communities Association	\$5,000.00	\$21,697.00	\$4,500.00
Magazine Branch Watershed Association	\$5,000.00	\$2,651.00	\$75,601.00
Morris Creek Watershed Association	\$5,000.00	\$42,100.00	\$2,500.00
North Fork Watershed Project	\$5,000.00	\$3,200.00	\$36,000.00
Piney Creek Watershed Association	\$5,000.00	\$7,100.00	
Plateau Action Network	\$5,000.00	\$7,140.00	\$9,635.00
Sleepy Creek Watershed Association	\$5,000.00		\$410.00
Total	\$100,000	\$161,945.92	\$215,250.00

Baker's Run Conservation Society

Background

Baker's Run Watershed Conservation Society is comprised of concerned citizens who live and recreate along Baker's Run, a tributary to Lost River. This watershed group is unique, in that its membership is largely made up of the youth within the community.

Issues

- ❖ Water quality related to nutrients, agriculture, and sediment
- ❖ Flooding
- ❖ Litter

Accomplishments

- ❖ Coordinated a Chesapeake Bay trip with 12 students
- ❖ Sponsored Stream Clean-up July 22, 2005
- ❖ Purchased a watershed sign
- ❖ Monitored water quality with students

Partnerships

West Virginia Conservation Agency

Cacapon Institute

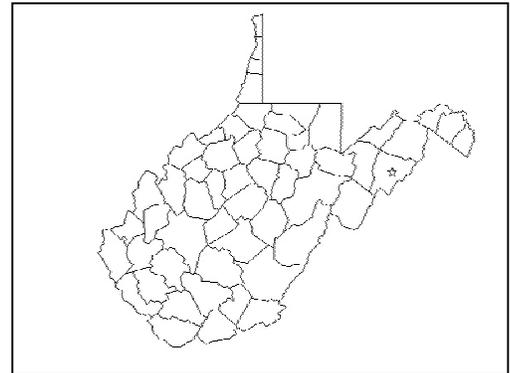
Chesapeake Bay Foundation

West Virginia Department of Environmental Protection's Pollution Prevention and Open Dumps Program and Nonpoint Potomac Basin Coordinator

Potomac Valley Conservation District

Baker Ruritans

West Virginia Department of Agriculture



Location – Baker's Run of the Lost River Watershed

Counties - Hardy

Contact – Arthur Halterman
176 Timber Mtn. Road
Baker, WV 26801

Phone - (304) 897-6298





Campbell's Creek Improvement Council

Background

Campbell's Creek Improvement Council is composed of local residents within the community. The first meeting was held in March 2004, with 85 residents in attendance.

Issues

- ❖ Trash and illegal dumping
- ❖ Flooding
- ❖ Erosion and sedimentation
- ❖ Stream blockages
- ❖ Community recreation
- ❖ Water quality
- ❖ Sewage contamination
- ❖ Fish habitat

Accomplishments

- ❖ Poor Charlie's/Raleigh Junk site remediated
- ❖ No Littering/No Dumping signs along Campbell's Creek Rd.
- ❖ Removed major stream blockages
- ❖ Supported a successful Adopt A Stream creek cleanup
- ❖ Established a watershed office
- ❖ Obtained nonprofit status
- ❖ Watershed sign
- ❖ Supported a successful Make it Shine cleanup
- ❖ Removed over 150 tires
- ❖ Increased watershed awareness – new members in watershed group

Partnerships

Skateland
Statewide Mobile Supply
Kanawha County Solid Waste
West Virginia Department of Highways
West Virginia Department of Environmental Protection
West Virginia Division of Natural Resources
Kanawha County Planning Commission
Appalachian Tire
Catenary Coal



Location – From the headwaters to the mouth of Campbell's Creek

Counties – Kanawha

Contact – Alvin Campbell
325 Campbell's Creek Dr.
Charleston, WV 25306

Phone – (304) 925-6460

Pritt's Tires
Lion's Club
Coca Cola
Speedway



Coal River Group, Inc.

Background

The Coal River Watershed Group was formed in 2003 for the purpose of preserving and improving the Coal Rivers.

Issues

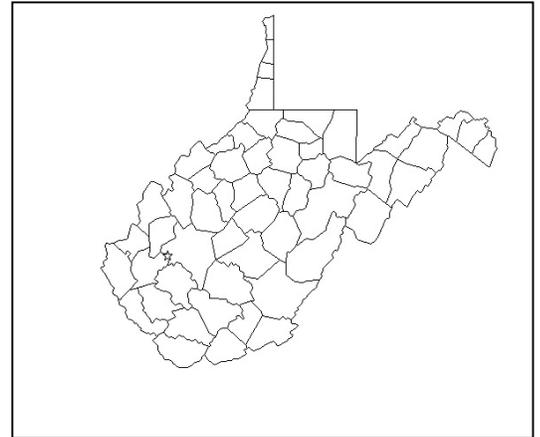
- ❖ Water quality
- ❖ Litter
- ❖ Erosion
- ❖ Flooding

Accomplishments

- ❖ River Cleanup
- ❖ Water sampling program
- ❖ Comprehensive analysis of historic sites
- ❖ Created an informational website
- ❖ Twenty major news stories on activities

Partnerships

Kanawha County Parks & Recreation
Boone County Parks and Recreation
Lincoln County Parks and Recreation
Hayes Middle School
Sherman Junior High School
Madison Middle School
City of St. Albans
St. Albans Historic Society
West Virginia Department of Environmental Protection
Moses Ford



Location – Just above the junction with Corridor G and extending to St. Albans

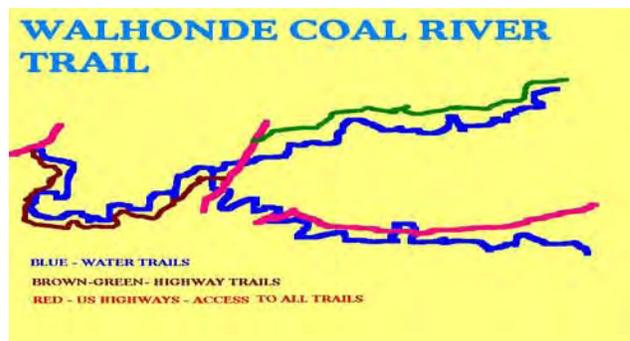
Counties – Kanawha-Boone-Lincoln

Contact – Bill Currey

1487 Penn. Ave.

St. Albans, WV 25177

Phone – (304) 727-0660



The following is information taken from the Coal River Newsletter, December 2004.

COAL RIVER NEWS

WEBSITE A REALITY

Did you know we now have our own website???

Check it out:

www.coalrivergroup.com

Learn what's in store with CRG as we start our second year.

Details about the group's programs can be found on our site.

RIVER CLEAN UP A GREAT SUCCESS!

Thanks to the hard work and great effort by Connie Mosteller and

Bill Queen, the Coal River Clean Up was a great success. We had approximately 30 volunteers that worked along the banks of the

Coal River at Meadowood Park in Tornado, and on the Coal River in

kayaks in that area picking up trash and clearing a view site. Many, many

thanks to all the volunteers that helped that day. We could not have done it

without you! Our efforts brought in 1,300 pounds of trash from tires and toilets – it was a great success.

We want to thank R.J. Lloyd for the coffee, drinks and hot dogs he provided, Tim Horton's for the donuts that morning and to the City of St. Albans, Mayor Milam and the guys who came out and hauled the trash away. We also could not have done this without help from the WV Department of Natural Resources and Chris and Anna. We look forward to many more clean-ups along the Big, Little and Great Coal Rivers.

TOP GOAL FOR 2005

COMPLETING THE WALHONDE TRAIL

The development of a river trail in the Tri-Counties of Boone, Lincoln and Kanawha is to be the primary focus for the Coal River Group in 2005.

Much research has been completed to establish the water based trail. Many members of the CRG have floated, fished and kayaked the 90 miles of stream. The water research has made believers out of everyone.

The trail will provide the tri-county region with a viable new tourist attraction, which will complement the already highly successful Hatfield and McCoy ATV system.

A Geomorphing feasibility study is being solicited by the CRG to determine if a man-made whitewater section can be built on the river. The addition of a true whitewater experience for recreational boaters on the Coal could further enhance the popularity of the Walhonde Water Trail Concept.

Dunkard Creek Watershed Association

Background

The Dunkard Creek Watershed Association was formed in 1995. The membership consists of a variety of industry, agriculture, local government, recreation, landowner, academic, and high technology development representatives.

Issues

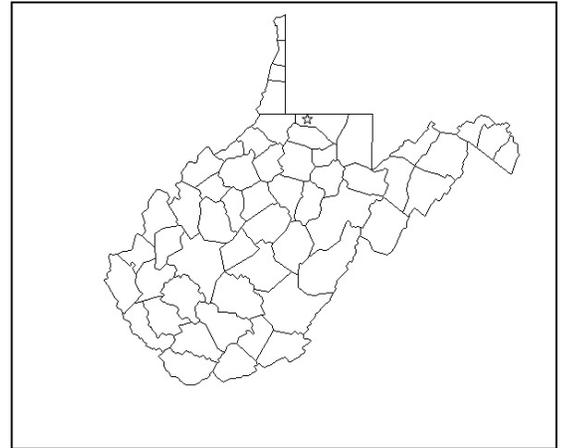
- ❖ Decreased populations and diversity of fish species
- ❖ Excessive sediment
- ❖ Unknown potential mine drainage sources

Accomplishments

- ❖ Top quality watershed map and brochure
- ❖ Informed public of coal company activities
- ❖ Ten thousand watershed flyers with watershed data and government contact information

Partnerships

Mason-Dixon Historical Park
Dana Mining Company
East Dunkard Creek Watershed (PA)
Monongalia Home Schoolers
Monongalia County Commission
Friends of Dunkard Creek
West Virginia University GIS Tech Center
West Virginia University College of Engineering
WMAC Corporation
Upper Monongahela River Association
Price Farms



Location – The headwaters are outside of Arthurdale, and continue through several communities to Morgantown, where it empties into the Monongahela River

Counties – Monongahela County in WV and Greene County in PA

Contact – Betty L. Wiley
373 Dunkard Ave.
Morgantown, WV 26501

Phone – (304) 292-3946

About the Watershed

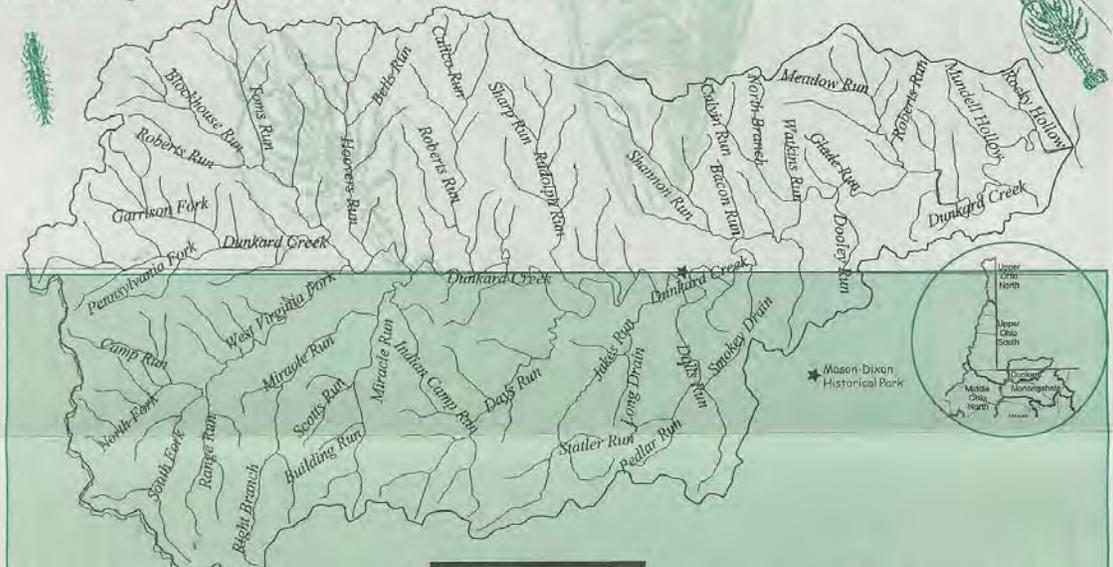
- West Virginia places: Wadestown, Wana, Bula, Macdale, Blacksville, Pentress, Doybrook, Jakes Run, St. Leo, Crossroads, Mooresville, Miracle Run, & Core.
- Pennsylvania places: Poland Mines, Bobtown, Davistown, Newtown, Taylortown, Bald Hill, Mt. Morris, Spriggs, Kuhntown, Bluff, Pine Bank, Jollytown, Shamrock, Nettle Hill, & Brave.
- The population of the Dunkard Creek Watershed is estimated to be 11,000.
 - The highest elevation in the watershed is 1,686 feet, at Boke Oven Knob.
 - Dunkard Creek is formed by the confluence of the Pennsylvania and West Virginia Forks of Dunkard Creek at Shamrock, near Brave, on the Pa.-W. Va. border.
 - The creek flows for 36 miles into the Monongahela River at river mile (RM) 87.20 near the village of Poland Mines, Pa.
 - The watershed is 150,177 acres (234.65 square miles), 78,827 acres in Greene County and 71,350 acres in Monongalia County.
 - Eighty named tributaries and several unnamed ones flow into Dunkard Creek.

DCWA Activities

- Adopt-a-Highway: Mooresville Road, pick up trash twice a year. Community service volunteers are welcome!
- Purple Martin Colony at Mason-Dixon Park, April - August. Hands-on workshops, open to the public.
- ECOVIS, a stream monitoring system, in partnership with WVU engineering school.
- Watershed Celebration Day, annual event sponsored by WV, open to all members.
- Float Trips: Various times to be announced.
- Stream monitoring and observations.
- Information clearinghouse for public input and outreach/education.
- Streamside Buffer projects.
- Tree and shrub propagation for buffers.
- Erosion control and mitigation projects.

This brochure courtesy of a Stream Partners grant.

This map of the Dunkard Creek Watershed shows many of its 80 tributaries. The Mason-Dixon Line divides the watershed between Pennsylvania and West Virginia. Topographical maps showing all the roads and elevations can be obtained from the WV Geological and Economic Survey (the watershed is on 12 maps). The West Virginia portion is shaded.



*Dunkard
Creek
Watershed*

It's Your Watershed,
Too!



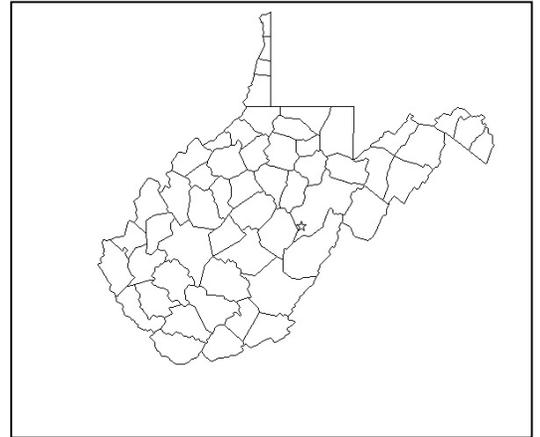
Shanks Mill on Dunkard Creek,
circa 1895



Elk Headwaters Watershed Association

Background

Elk Headwaters was formed in May 2003, by landowners, farmers, fishermen, local businesses, and those interested in the watershed for recreation and tourism. Although members in the group have differing backgrounds and contrasting opinions on some issues, the group views this as an advantage, rather than an obstacle. By bringing all partners to the table, they are able to work through issues that benefit the group and the watershed as a whole.



Issues

- ❖ Development
- ❖ Erosion
- ❖ Habitat preservation
- ❖ Water quality
- ❖ Acid mine drainage

Location – Elk Headwaters from Slaty Fork to Bergoo

Counties - Pocahontas and Randolph

Contact – Tolly Peuleche
HC 86, Box 5A
Monterville, WV 26282

Phone – (304) 339-6524

Accomplishments

- ❖ Nine stream monitoring events
- ❖ Watershed signs for area highways
- ❖ Table top exhibit circulating in area locations
- ❖ Three Adopt a Highway cleanups
- ❖ Tree planting
- ❖ Oral history project "Elk Tales" ongoing

Partnerships

The Nature Conservancy
Trout Unlimited - Kanawha Valley Chapter
Trout Unlimited - Blennerhassett Chapter
Blue Quill Design
Sportsman's Association
Beckwith's Lumber
Slaty Fork Community Center
Snowshoe Mountain Resort
Highland Conservation
Elk Springs Fly Shop
Elk River Touring Center





Elkhorn Creek Watershed Association

Background

The Elkhorn Creek Watershed Association was created in 1996, when a crew of 6 youth were trained to do water testing and participated in an educational community organizing forum. The ECWA is made up of citizens in the community that are interested in educating people, supporting better living conditions and improving economic opportunities.

Issues

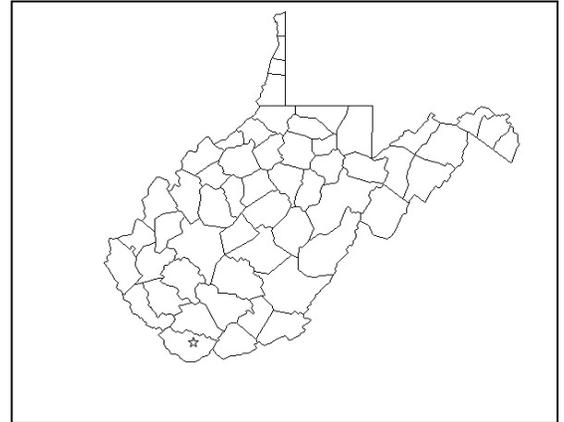
- ❖ Lack of proper sewage system
- ❖ Recreation
- ❖ Litter
- ❖ Flooding
- ❖ Stream bank erosion

Accomplishments

- ❖ Five water monitoring classes
- ❖ Environmental education (46 hours)
- ❖ Watershed mapping
- ❖ Clean up at four parks
- ❖ Landscape partially completed at Maybeury
- ❖ Sewage plan for the county
- ❖ Aqua Fair
- ❖ Two sewage demonstration projects in the county

Partnerships

McDowell County Commission
West Virginia Ministry of Advocacy
McDowell County Health Department
West Virginia University Extension/4-H
Citizens Conservation Corps of West Virginia
City of Keystone
City of Northfork
Kimball Light and Power
Mountain Resource Conservation and Development
West Virginia Department of Environmental Protection (Make It Shine)
West Virginia Trout Unlimited



Location – From headwaters at the Mercer County line to the mouth at the Tug Fork River in Welch

Counties – McDowell

Contact – Dorothy Horne
P.O. Box 424
Gary, WV 24836

Phone – (304) 448-3548



Friends of Deckers Creek

Background

In 1995, citizens formed Friends of Deckers Creek out of concern for the poor water quality of Deckers Creek. It was immediately clear that there were many illegal dumps along the watershed that needed to be cleaned up.

Issues

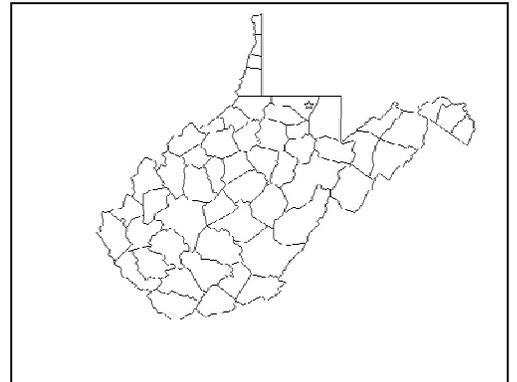
- ❖ Acid mine drainage
- ❖ Sewage
- ❖ Livestock along creek banks
- ❖ Illegal solid waste dumping/ Littering
- ❖ Storm water discharges

Accomplishments

- ❖ Watershed outreach
- ❖ Membership drives
- ❖ Carp Fest 2004
- ❖ Monthly meetings

Partnerships

West Virginia Department of Environmental Protection
US Department of Agriculture / Natural Resources Conservation Service
West Virginia University
Office of Surface Mining
City of Morgantown

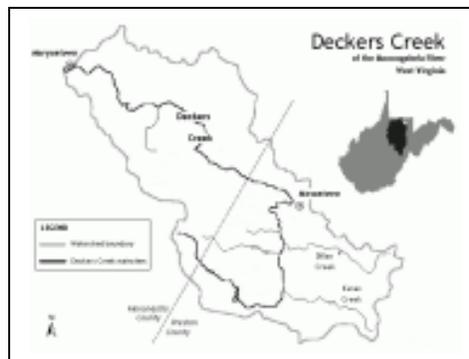


Location – From headwaters in Preston county to the mouth in Morgantown

Counties – Monongalia and Preston

Contact – Evan Hansen
P.O. Box 877
Dellslow, WV 26531

Phone – (304) 291-8205





This article appeared in the Dominion Post Newspaper on October 14, 2004.

Deckers Creek getting in the flow

Local waterway finds true friend in group attempting to clean upstream.

A creek runs through it.

Deckers Creek streams through a large swath of Monongalia County and the city of Morgantown. It was the source for the early economic development of many settlements and communities along its banks. Local industries used the creek's water to power sawmills and other endeavors, including farming and mining.

But somewhere in the mid-20th century its relationship to the populace soured. It became so polluted it was deemed unsanitary -- unable to even support insect life among the orange rocks forming its streambed. It was a creek sorely in need of a friend. In 1995, it got one -- Friends of Deckers Creek. Today, this loose coalition of groups and individuals sports a membership of more than 300.

Up to that time many thought the creek would never support life again. Last weekend, the group's fifth annual festival to bring attention to the local tributary's plight livened things up along its banks. The festival also celebrates the return of life in the creek -- complete with bugs, which are food for the fish.

CarpFest 2004, the aptly named event held in Marilla Park ran the gamut from the serious pep talk by the head of the state Department of Environmental Protection to the Zany Umbrella Circus. The event has become the centerpiece of the group's efforts to raise awareness and money for restoring the creek. However, Friends of Deckers Creek readily admits that for all the progress cleaning up the stream there's still cause for concern.

Acid mine drainage from several sources, mainly the Richard mine, is the biggest problem. Though water quality has improved because there has been less mining, there is still much to be done, according to the group.

Cleanup in the creek requires installing systems to allow the acid mine drainage to run through limestone, which lowers the acidity of the water, letting life flourish again. Much of the groundswell of support for Deckers Creek has emerged from the popularity of the Deckers Creek rail-trail, which runs parallel to the creek. The recreational trail is a bustling path that accommodates scores of pedestrians and bicyclists daily.

Their enjoyment of the trail is tempered by their concern for what they see along the waterway, resulting in much of the support for the Friends of Deckers Creek.

Deckers Creek is truly a natural resource for recreation, scenic beauty and eventually for fish in our area. We applaud the efforts of the Friends of Deckers Creek to revitalize and preserve the creek.

For generations to come, many may have the opportunity to enjoy Deckers Creek as a result of the group's goal to clean-up this waterway.

That's what these friends are for.

Friends of the Cheat

Background

The Friends of the Cheat Watershed Group held their first meeting in June 1994 after a mine blow out released tons of acid mine drainage into Muddy Creek, which is a major feeder of the Cheat River.

Issues

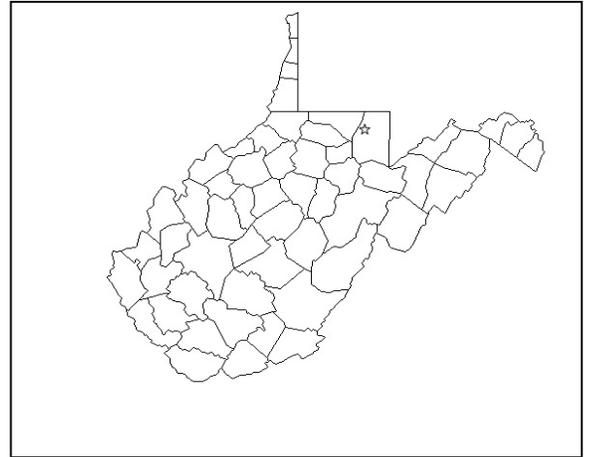
- ❖ Acid mine drainage
- ❖ Flood and timber management
- ❖ Thermal pollution
- ❖ Sewage treatment
- ❖ Water quality
- ❖ Land use
- ❖ Improving fisheries

Accomplishments

- ❖ Two newsletters
- ❖ Benthic samples identified
- ❖ Newspaper insert for Cheat Fest
- ❖ Thirty-nine water samples analyzed by a certified lab

Partnerships

West Virginia Department of Environmental Protection
Downstream Alliance
Volunteer stream monitors
West Virginia University
Canaan Valley Institute
U.S. Environmental Protection Agency
West Virginia Division of Tourism



Location – From Rowlesburg to the border of Preston county

Counties – Preston

Contact – Keith Pitzer

119 S. Price Street, Suite 206
Kingwood, WV 26537

Phone – (304) 329-3621



Friends of the Second Creek

Background

The Friends of the Second Creek is made up of over 100 people. Most are local residents, but some are from other counties and states.

Issues

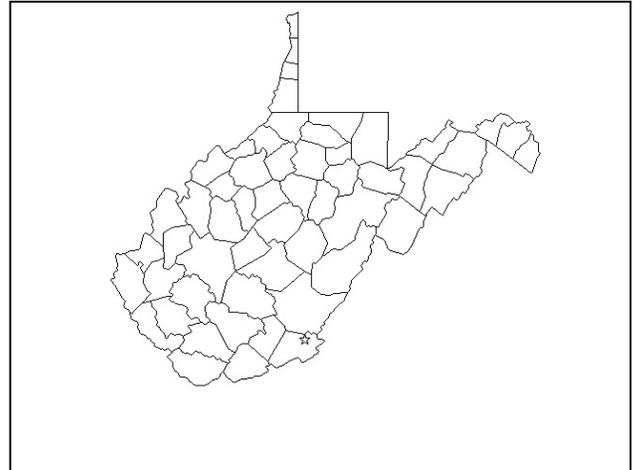
- ❖ Flooding
- ❖ Stream bank erosion
- ❖ Debris
- ❖ Lack of public education on watershed problems

Accomplishments

- ❖ Stream cleanup
- ❖ Flooded roadway cleanup
- ❖ Partnered with WVCA and DEP to complete two stream surveys
- ❖ A natural stream restoration project
- ❖ Rock debris and trees removed from three sites
- ❖ Historic survey of Second Creek – dwellings & mills
- ❖ Watershed Day – Save Our Streams

Partnerships

West Virginia Division of Highways
West Virginia Conservation Agency
Second Creek Pentecostal Holiness Church
Jerry Boggs Construction
Greenbrier Valley Soil Conservation District
West Virginia Division of Culture & History



Location - From Gap Mills to the Greenbrier River
Counties – Monroe and Greenbrier
Contact – Larry Mustain
General Delivery
Second Creek, WV 24974
Phone – (304) 772-5665

The following is a flyer distributed by Friends of the Second Creek

Stream Restoration

Why use natural stream restoration techniques to address streambank stabilization issues?

Cost

Less expensive than riprap or gabion baskets

Fish Habitat

Improved habitat due to decreased sediment load in Second Creek

Aesthetics

"Natural" stream channels with vegetated streambanks are more visually appealing than channels with limestone rock

Functions

Managed stream flow (lessens impacts of flooding), water storage, improvement of water quality due to decreased sediment load and filtering

Projects

Second Creek has been identified as having multiple sites in need of stream restoration. The sediment load to Second Creek has increased due to streambank erosion and other activities within the watershed. Through the cooperation of Friends of the Second Creek, the Greenbrier Valley Conservation District, the WV Conservation Agency and WV Department of Environmental Protection, progress is being made in the Second Creek Watershed.

Current/Completed Projects

1. Second Creek bridge site – estimated cost \$45,000.00
2. Mustain Farm and Trent Property sites – \$15,000.00

Future Projects

A list of sites in need of restoration was compiled. Field visits have been conducted, and surveying and design work must be completed before obtaining funding.

Funding Sources/Time Frame

Grants are usually obtained for stream restoration projects and are awarded with specifications about the type of work as well as a time frame. This involves assessment and drafting a proposal to submit. Extensive staff/volunteer time is used in assessment, ranking, surveying and design of restoration sites. Constructed, on-the-ground projects can take from months to years to be implemented.

Other restoration opportunities

Landowners have the right to conduct stream restoration activities on their property. No one should enter the stream with equipment without obtaining a permit and addressing all potential impacts. As the landowner, you are responsible for obtaining all necessary permits BEFORE work is completed. Permits must be obtained from various agencies and these include, but are not limited to:

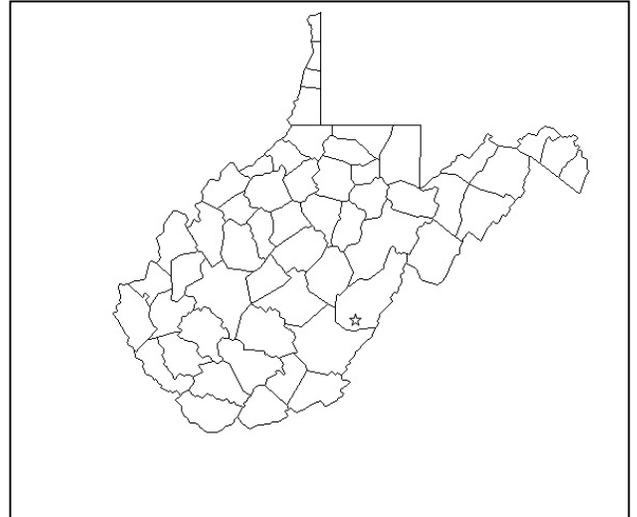
US Army Corp of Engineers
WV Department of Natural Resources
WV Department of Environmental Protection
Right-of entry permits (if applicable)
Local city or county permits (if applicable)

If you are interested in doing work, please contact the Greenbrier Valley Conservation District and ask for information about the WV Stream Access Permitting Program.

Greenbrier River Watershed Association

Background

Founded in 1992, the Greenbrier River Watershed Association is one of the oldest watershed groups in West Virginia. It is made up of concerned farmers, doctors, lawyers, saw mill operators, small business owners, retirees and government officials to name a few.



Issues

- ❖ Sewage
- ❖ Pollution from farming operations

Accomplishments

- ❖ Bacteria monitoring lab
- ❖ Wetlands restoration and stream fencing on a local farm
- ❖ Trail signage project on the Greenbrier River Trail, which covers 80 miles of the river
- ❖ Annual Make It Shine clean up along the river
- ❖ Lewisburg's sewer non-connects have been identified and of 40 non-connects, 10 properties have since been connected
- ❖ Six new volunteers for water quality monitoring
- ❖ Annual river clean up
- ❖ Earth Day convocation at community college
- ❖ Newsletter

Location – From headwaters in Pocahontas Co. to the mouth in Monroe Co.

Counties – Pocahontas, Greenbrier, Summers and Monroe

Contact – Leslee McCarty
P.O. Box 1419
Lewisburg, WV 24901

Phone - (304) 647-4792

Partnerships

Canaan Valley Institute

U.S. Environmental Protection Agency

Catholic Campaign for Human Development

Cove Conservancy of the Virginias

Upper Pocahontas Community Corporation

West Virginia Onsite Technical Advisory Program

US Department of Agriculture / Natural Resources Conservation Service

Walkup Family Farm

West Virginia Parks

Art in the Park

Town of Durban

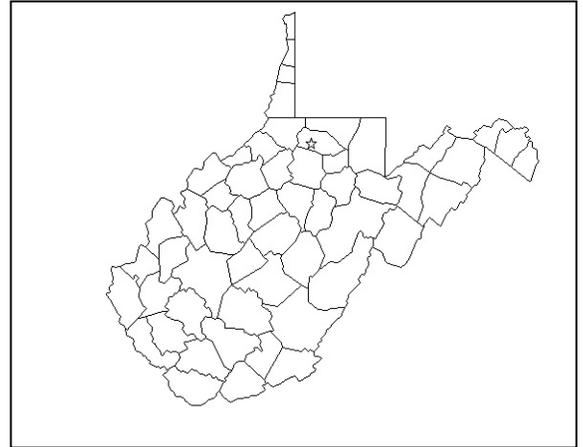
Greenbrier Master Gardeners



Guardians of the West Fork

Background

Guardians of the West Fork is made up of a diverse group of people, including a farmer, retired coal miner, owner of a jewelry business, retired chemistry professor, council member, retired secretary, DEP employee, and a biology and environmental science professor. Their first meeting was held in the fall of 2001.



Issues

- ❖ Pollution from mining
- ❖ Stream bank erosion
- ❖ Flooding
- ❖ Lack of sewer system hookups

Location – About 4 miles north west of Clarksburg
Counties – Harrison
Contact – Bruce Edinger
Rt. 5, Box 298
Salem, WV 26426
Phone – (304) 782-2109

Accomplishments

- ❖ Two quarterly color- photo illustrated newsletters
- ❖ One special Watershed Celebration Day issue of the newsletter
- ❖ Thirty six panel poster of Lambert's Run watershed based plan data and other projects
- ❖ \$78,489 Watershed Cooperative Agreement grant for mine drainage remediation at Muzzleloader Club
- ❖ \$12,000 bank stabilization project on Duck Creek
- ❖ Two riparian easements as part of a mitigation committment

Partnerships

Watters Smith State Park
Filtrexx Corporation
City of Clarksburg Parks Department
Buckhannon River Watershed Assoc., Inc
Friends of Blackwater Canyon
Stewards of the Potomac Highlands
Slippery Rock Watershed Coalition
Danny (West Virginia Division of Natural Resources)
Friends of the Cheat
Shaver's Fork Coalition



Heizer Manila Watershed Organization

Background

Heizer Manila Watershed Organization was formed in the spring of 1998. Concerned citizens came together to form a cohesive force to attack watershed problems.

Issues

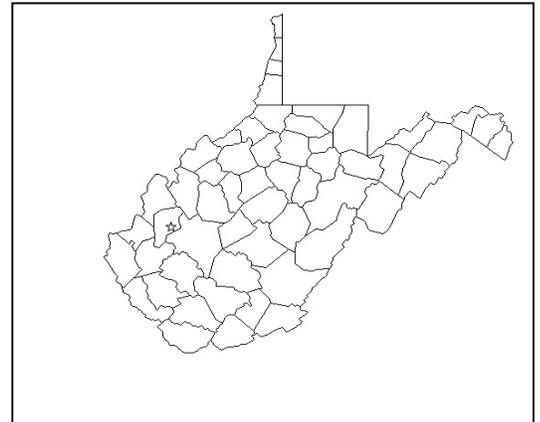
- ❖ Solid waste
- ❖ Acid mine drainage
- ❖ Chemical waste
- ❖ Sewage
- ❖ Flooding
- ❖ Erosion and sediment

Accomplishments

- ❖ Open house
- ❖ 500 trees distributed
- ❖ 600 newsletters circulated
- ❖ Monitoring events
- ❖ Wetland bank stabilization
- ❖ Workshop / training for volunteers
- ❖ Heritage Day
- ❖ Expansion of Pilot Wetland Project & Hudson Run area
- ❖ Stream & roadway cleanups
- ❖ Identification of abandoned mine sites
- ❖ Coloring book in planning stage
- ❖ Community outreach
- ❖ Save Our Streams monitoring

Partnerships

Tyler Mountain Water
Ohio Valley Environmental Coalition
Doris Asbury - Trash to Cash Program
Poca Boy Scout Troop
Doug Wood (Native Amer. Heritage Present.)
Fred Hays: Sustainable Farming (C.S.R.)
Good Samaritan League, Poca
Parent Teacher Store
V&S Pilot Galvanizing
Transtar Environmental
Heizer Creek Heroes 4-H Club



Location – From the headwaters of Heizer and Manila Creeks to their mouths

Counties – Putnam

Contact – Renee Bonnett
P.O. Box 698
Poca, WV 25159

Phone - (304) 755-3047

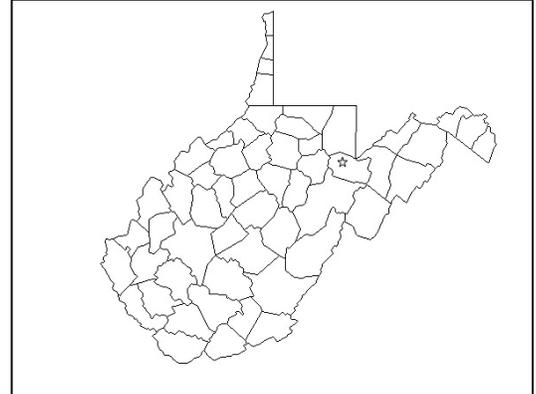
Poca Pioneers 4-H
Verizon
Marshall University
West Virginia University
Ann's Hallmark
Staples
Gino's
Screen Graphics
Town & Country Farm



Horseshoe Run Watershed Association

Background

The Horseshoe Run Watershed Association is made up of property owners, their extended families, and concerned citizens who live along Horseshoe Run. They were awarded their first seed grant in 2003.



Issues

- ❖ Flooding
- ❖ Stream bank erosion
- ❖ Sedimentation

Accomplishments

- ❖ Streambank stabilization project on Horseshoe Run
- ❖ Stream cleanup and benthic monitoring

Location – From the headwaters to the mouth of the Cheat River

Counties – Tucker

Contact – Jim Alford
RR2, Box 172 A
St. George, WV 26287

Phone - (304) 722-3205

Partnerships

Canaan Valley Institute

West Virginia Conservation Agency

Tygarts Valley Conservation District

West Virginia Department of Environmental Protection

US Department of Agriculture / Natural Resources Conservation Service





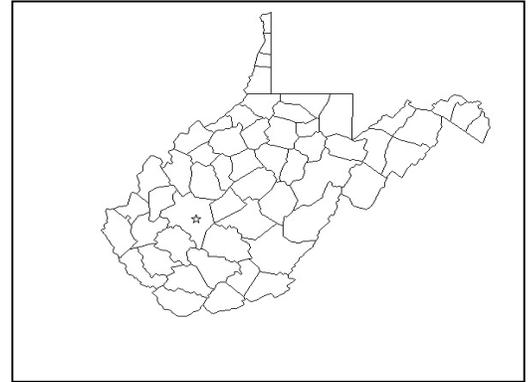
Kelly's Creek Communities Association

Background

Kelly's Creek Community Association has enlarged and broadened since its inception in 1999. Twenty-two people met at the Cedar Grove Town Hall to get a feel for community interest for organizing a watershed organization.

Issues

- ❖ Flooding
- ❖ Acid mine drainage
- ❖ Sedimentation
- ❖ Erosion
- ❖ Logging
- ❖ Litter
- ❖ Untreated sewage



Location – Shrewsbury, Monarch, Mammoth, Ward, Cedar Grove, Glasgow and Riverside
Counties – Kanawha
Contact – Ruth Ann Starks
P.O. Box 528
Glasgow, WV 25086
Phone - (304) 595-4293

Accomplishments

- ❖ Stream clean
- ❖ Community meetings to keep residents informed
- ❖ Mentoring new watershed groups
- ❖ Kelly's Creek was chosen as one of only six projects in the nation by the Mine Scarred Lands Working Group
- ❖ Sewage line extension petitions, meetings, and income survey

Partnerships

WV Stream Partners Program
US Environmental Protection Agency
West Virginia Conservation Agency
Mine Scarred Land Working Group (9 total)
West Virginia Division of Highways
Amherst Coal
Small Flows Clearing House
Mountaineer Watershed Organization
South Charleston Rotary Club
WV Institute of Technology
Sandra Stone of Tri - S Promotional Consult.
Gannett Fleming Engineering Co.
Attorney James Brown III
Kanawha County Development Office
Adopt-A-Highway Program
Charleston Papers/Metro East-Clint Thomas
Booker T. Washington Community Center

Montgomery Herald
John King / Marshall University
Kanawha County Commission
Appalachian Power
Alpha Associates
CTL Engineering
Canaan Valley Institute
Town of Glasgow
Hughes Creek Watershed
Shoney's at Quincy
Kroger at Quincy
Fairmont State College
Mammoth Grocery
Norva Warner / WV Author
Cabin Creek Watershed
Bill Moore, local proprietor
Glasgow Methodist Church

Partnerships Continued...

Cedar Grove Methodist Church
Cedar Grove-Glasgow Lions Club
Cedar Grove - Morris Creek Watershed
Big Coal Creek Watershed
Upper Paint Creek Watershed
Glasgow Save-A-Lot Grocery
Navigating through History on the Kanawha
Kanawha Co. Library and branches
Video Village Restaurant (signage)
Hair's Misbehavin' (advertising)
Kanawha County Sheriff's Department
Kanawha County Homeland Security
Shelly Moore Capito, Congresswoman
Kanawha Valley Enterprise Community

Ward Community Church
Cedar Community Church
Campbell's Creek Watershed
Magazine Branch Watershed
Riverside High School
Local Newspaper Carriers
Americorps VISTA
Vic Sprouse, Senator
Dan Foster, Senator
Jackson & Kelly/Kathy Beckett
MS Consultants / Dan Halloran
Kanawha County Safety Council
Cedar Grove Floral



Surveying Sewage

One of the greatest needs in any community is the need for sewage treatment. Unfortunately, so many communities in West Virginia suffer from the same need and are told by the county, "There is just not enough money available to fix the problem for every area;" Kelly's Creek being one of those areas. At this point a community must either wait — most usually for many years to receive help for their need or begin a search for other means of assistance.

Almost 100% of the residents in Kelly's Creek have expressed a desire to receive sewage treatment. However, Kelly's Creek happens to be one of those communities who is not on the list for funding.

After researching other possible avenues of assistance for our problem we have found that if the median income of a community is within a certain range, that community may qualify for federal grants to assist in making sewage treatment possible. This means that the more grant money a community is able to obtain, the less the monthly bills for each family will be. In order to establish that a community qualifies for such grants an income survey is necessary.

We have begun the first steps in applying for those grants. The first step being the completion of an income survey for every household. If you are a resident of Kelly's Creek and do not have sewage treatment, you should have received a copy of the income survey. The form is simple and does not ask for names. Remember, the purpose of the survey is to determine the median income of the residents and could provide a reduction in the monthly cost for each family. For this reason, we urge each household to complete the form and return it as quickly as possible in order to keep the process moving along.

One round of surveys have gone out and not nearly enough households have responded. A second round of surveys are going out in an attempt to collect a form for every household. The information which will be kept confidential and only used by the proper agency to apply for grants for this project.

If you or anyone you know has not received a form, please contact our office and we will get one to you or you can come by and pick one up.

The residents of Kelly's Creek want, need and deserve to have proper sewage treatment. By working together what seems to be an impossible endeavor can eventually become possible.

Kelly's Creek Communities Association, Inc.
P.O. Box 528
Glasgow, West Virginia 25086

Phone :304-595-4293

Fax: 304-595-0400

Email: kccainc@charter.net

Next Meeting: Tuesday, March 16th at 6:30pm

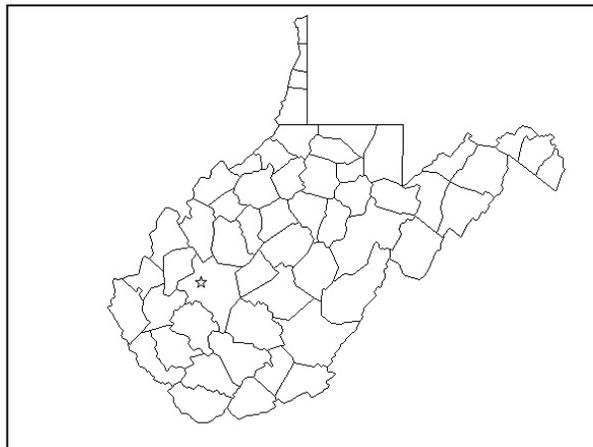
Magazine Branch Watershed Association

Background

Magazine Branch Watershed Association was formed in January 2004, as local citizens within the watershed realized a need to organize a group and address watershed issues.

Issues

- ❖ Flooding
- ❖ Sediment
- ❖ Outdated and deteriorating septic systems
- ❖ Stream bank erosion
- ❖ Litter
- ❖ Educating the community on watershed concerns



Location – Magazine Branch of the Elk River from headwaters to mouth

Counties - Kanawha

Contact – Ken Kelly

583 Garrison Avenue
Charleston, WV 25302

Phone – (304) 346-7065

Accomplishments

- ❖ Water quality monitoring program
- ❖ Three stream cleanups
- ❖ Initial test of Early Flood Warning System
- ❖ MBWA brochure
- ❖ One issue of the MBWA newsletter
- ❖ Watershed Celebration Day 2004
- ❖ Youth Environmental Conference participants from Magazine Branch
- ❖ Sign to identify watershed & publicize events
- ❖ Signs to discourage illegal dumping
- ❖ Fourteen public meetings
- ❖ Web site
- ❖ West Virginia Save Our Streams training session

Partnerships

U.S. Army Corps of Engineers

West Virginia Department of Environmental Protection (PPOD, SOS)

West Virginia Division of Natural Resources

City of Charleston, Emergency Services

Charleston Police Department

Metro 911

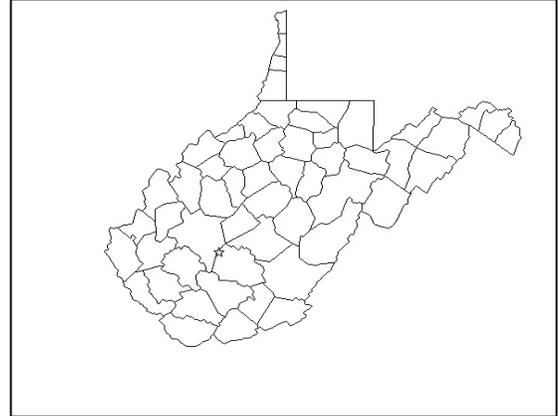
Kanawha County Sheriff



Morris Creek Watershed Association

Background

The Morris Creek Watershed was unofficially formed in June of 2001. In September, by laws and a mission statement were adopted, and by October, officers and board members were elected.



Issues

- ❖ Water quality problems
- ❖ Flooding
- ❖ Stream bank stabilization
- ❖ Litter

Location – Montgomery area
Counties – Fayette and Kanawha
Contact – J.E. Grey
P.O. Box 927
Montgomery, WV 25136
Phone - (304) 442-8388

Accomplishments

- ❖ Morris Creek Watershed Association has been awarded grants for the remediation and restoration of three large projects. These projects are ongoing and total over \$384,000 in OSM moneys.
- ❖ MCWA has completed and submitted an extensive Watershed Based Plan to the EPA, and has been the recipient of many awards.
- ❖ We participate yearly in the WV Make it shine Day and have cleaned up over 137 tons of solid waste from the stream. This year alone we collected over 18 tons.
- ❖ Participated in the 2004 World Monitoring Day activities and utilized the assistance of an intern in the summer of 2004. This intern helped to get the watershed's web site up and running and gathered an immense amount of useful information on the quality of our water. The intern also helped to begin to GIS and map various sites along the watershed.

Partnerships

Office of Surface Mining
St. John's Baptist Church
Canaan Valley Institute
Appalachian Power Company
Marshall University
Mountain Top Greeneries
Pardee Resources
Morris Drive Church of Jesus Christ
Nitro Window & Awning
WV Department of Environmental Protection

City of Montgomery
West Virginia Conservation Agency
West Virginia Division of Forestry
American Electric Power
WVU Technical College
Clonch Industry
Goulds Electric
Marsico Corporation
St. John's Baptist Church



North Fork Watershed Project

Background

The North Fork Watershed Project began in the fall of 2001. It is made up of fishing outfitter/guides, bike/kayak outfitters, small business owners, retired coal miners, recreational boaters, and many local property owners.

Issues

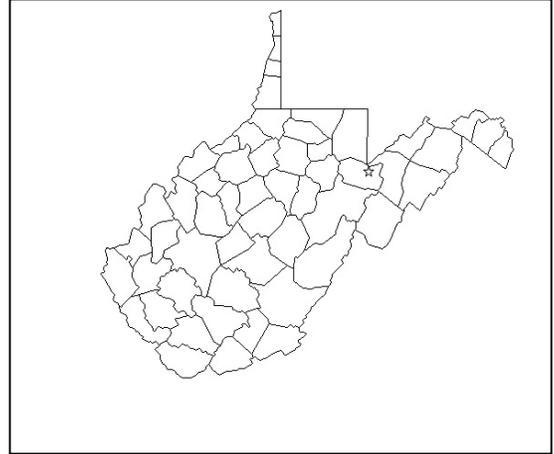
- ❖ Lack of aquatic life
- ❖ Acid mine drainage

Accomplishments

- ❖ A new Vista Volunteer
- ❖ Open house to educate the public about AMD
- ❖ Workshop for board members and donors
- ❖ Children's workshop
- ❖ Organized educational event for children
- ❖ Website
- ❖ Watershed-based plan data collection
- ❖ Four articles on National Fish and Wildlife Foundation activities
- ❖ Historical program
- ❖ Spring meeting of scientists on clean-up activities
- ❖ Camp Horseshoe water training

Partnerships

Office of Surface Mining Vista
Thomas Education Center
Tom's Toothpaste
Downstream Strategies
County historical society
Maryland Bureau of Mines
Maryland Department of Natural Resources
University of Maryland, Frostburg
West Virginia Department of Environmental Protection
Friends of Blackwater, Thomas Education Center
West Virginia Department of Transportation
National Mine Lands Reclamation Center



Location – The North Fork of the Blackwater River
Counties – Tucker County
Contact – Judy Rodd
501 Elizabeth Street
Charleston, WV 25311
Phone - (304) 345-7663



Piney Creek Watershed Association

Background

The Piney Creek Watershed Association was formed by the Mayor of the City of Beckley and the Superintendent of the Beckley Sanitary Board. The idea was to create a community-based watershed association that would work as a partnership for all interested parties.

Issues

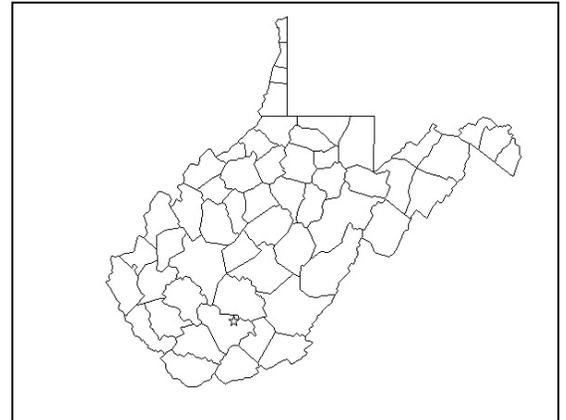
- ❖ Flooding
- ❖ Poor water quality

Accomplishments

- ❖ Kick off meeting
- ❖ Storm Drain Marking Project in Beckley
- ❖ Stream cleanup of Beaver Creek of Piney Creek
- ❖ Stream cleanup of Piney Creek at Fitzpatrick Park

Partnerships

Beckley Raleigh County Chamber of Commerce
City of Beckley
West Virginia Division of Natural Resources
Friends of Deckers Creek
West Virginia Caves Conservancy
Raleigh County Solid Waste Authority
Beaver Coal Company
Crab Orchard - Mac Arthur Public Service District
North Beckley Public Service District
National Park Service
Mountain State University
West Virginia Department of Environmental Protection



Location – From headwaters to the mouth of the New River

Counties – Raleigh

Contact – Jeremiah Johnson
P.O. Box 672
Beckley, WV 25802

Phone - (304) 256-1760



**Leave a Mark:
Campaign for Clean
Beckley Streams**

Date: Saturday April 30, 2005

Time: 9:00 AM- 12:00 PM

Lunch will be provided following the event

Come join a community effort to mark city storm drains, prevent illegal dumping and remind Beckley residents, "Only Rain down the Storm Drain."

Volunteers needed to

- Place Markers on Street Drains
- Distribute door hanger message cards to city households

Volunteers contact: Jeremiah Johnson

Phone: 304-256-1760

E-mail: jojohnson9@earthlink.net

**A Joint Project of
the Piney Creek Watershed
Association & City of Beckley
Storm Water Program**



Plateau Action Network

Background

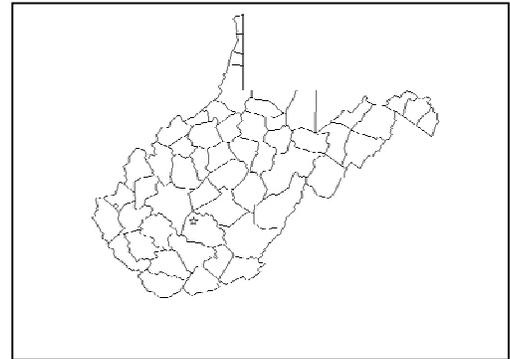
The Plateau Action Network is a community based watershed association. Consisting of two teachers, business men and women, an artist and a retail store employee.

Issues

- ❖ Poor water quality
- ❖ Acid mine drainage
- ❖ Lack of education

Accomplishments

- ❖ "Walking Jim" presentations in 3 Fayette county schools serving over 500 students
- ❖ Quarterly newsletters to 350 citizens with articles about watershed education with an emphasis on wastewater issues
- ❖ OSM intern who worked on the Wolf Creek Restoration Project through December of 2004.
- ❖ PAN Board Member Mark Ehrnschwender continues to work on Fayette County's Comprehensive Wastewater plan
- ❖ Fayette County Water Quality Coalition meetings and attended meetings with the NPS to mitigate large quantities of untreated wastewater discharges into Piney Creek
- ❖ Seasonal water quality testing with middle school students at 3 sites on upper Wolf Creek
- ❖ Funding and design for the mitigation of acid mine water from the Summerlee AML Site
- ❖ Wolf Creek Flood and Storm Water Management Plan
- ❖ A working group to come up with a compromise to protect the park resources
- ❖ PAN won the award for best storm water project on Watershed Appreciation Day
- ❖ OSM VISTA volunteer for 3 years
- ❖ NPS Water Quality Conference 9/12-9/14 focusing on wastewater problems in the New River
- ❖ Patagonia partnership to raise public awareness by sponsoring a free river trip for public leaders on environmental issues surrounding the New River



Location—New River—Fayette, Gauley and Meadow

Counties— Fayette, Raleigh, and Nicholas

Contact— Randy Boyd
P.O. Box 687
Edmond, WV 25837

Phone - (304) 574-3327

Partnerships

Canaan Valley Institute

Patagonia

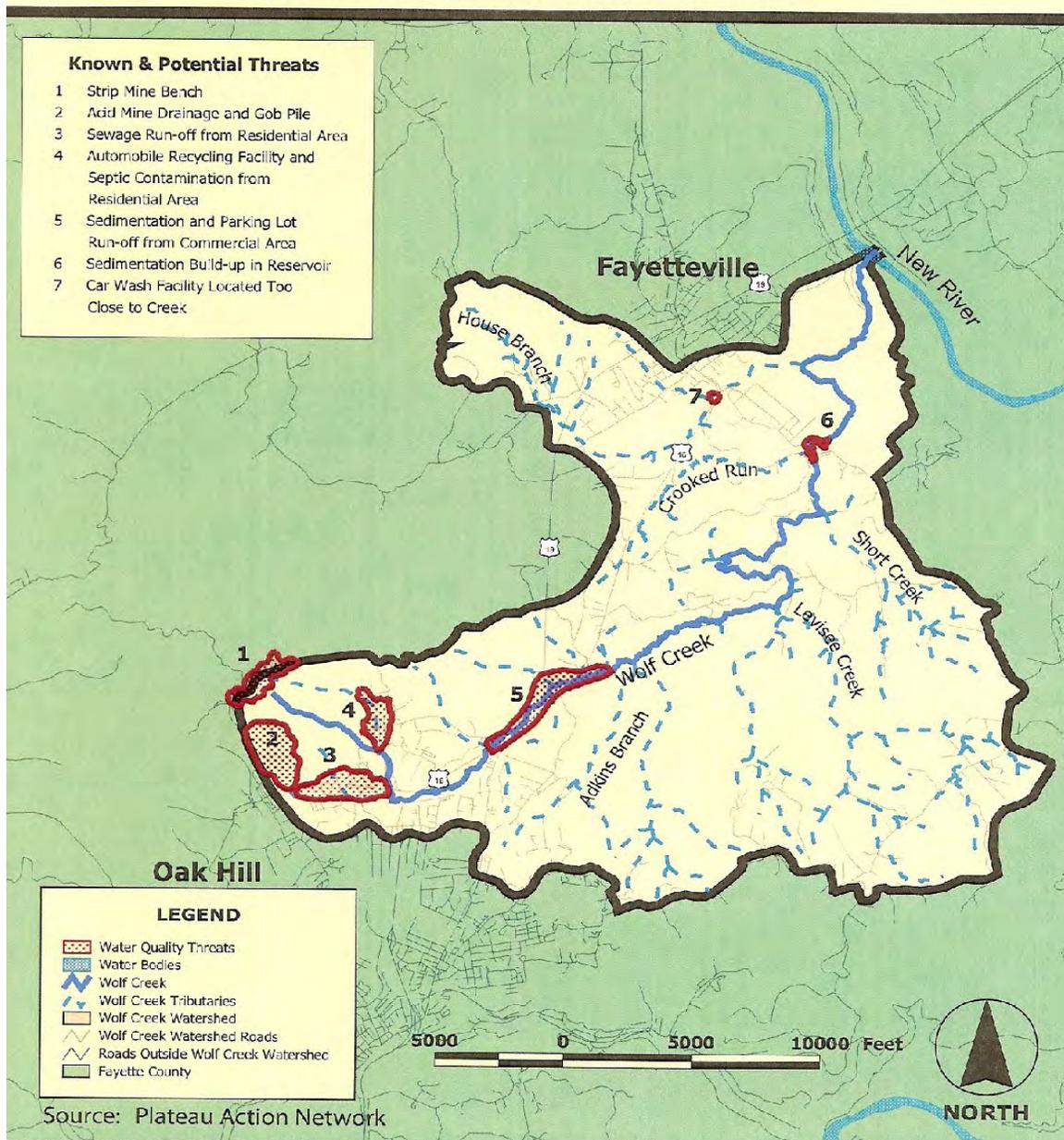
Partnerships Continued.....

Fayette County Commission
Fayette County Water Quality Coalition
Fayette County Transition Team
Small Flows Clearinghouse
Congressman Nick Rahall
US Environmental Protection Agency

Office of Surface Mining
National Park Service
Lombardo Associates Engineering
West Virginia Professional River Outfitters
West Virginia Public Service Commission

Figure 15. Known & Potential Threats to Water Quality

WOLF CREEK WATERSHED



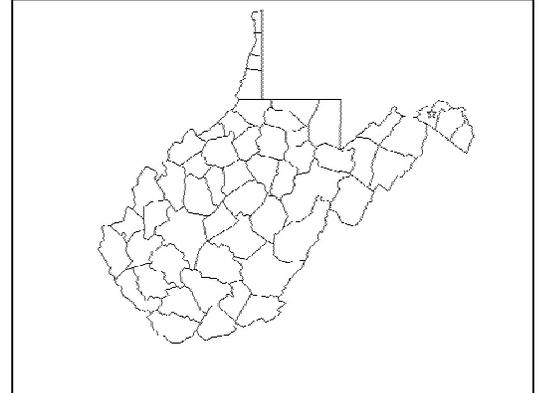
Sleepy Creek Watershed Association

Background

Sleepy Creek Watershed Association was organized during early 2000 as local stakeholders within the watershed became increasingly concerned about county growth and development, with the resultant deterioration of the Sleepy Creek Watershed.

Issues

- ❖ Run off and sedimentation
- ❖ Littering
- ❖ Riparian buffers
- ❖ Lack of education
- ❖ Improper land use
- ❖ Soil erosion



Location – From the Virginia-West Virginia state line to the Potomac River

Counties – Morgan

Contact – Gale M. Foulds
46 Covey Run Lane
Berkeley Springs, WV 25411

Phone - (304) 258-6155

Accomplishments

- ❖ Stream bank survey of Sleepy Creek by a student from Shepherd University
- ❖ Website updated with specific areas of concern from our survey
- ❖ Newsletters to members in Morgan County, explaining important issues and upcoming watershed events

Partnerships

Shepherd University
Eastern Panhandle Conservation District
Canaan Valley Institute
Potomac Headwaters Resource Conservation and Development
West Virginia DEP Potomac Tributaries Project Team
West Virginia Conservation Agency
West Virginia Division of Natural Resources
Potomac Appalachian Trail Club





We would like your comments on the yearbook

What would you like:

Added

Enhanced

Deleted

Any other comments

Please fold in thirds and mail to: Marcy Painter
WV Department of Environmental Protection
601-57th Street, S.E.
Charleston, WV 25304-2345

