A photograph of a gravel path winding through a dense, green forest. The path is the central focus, leading the eye into the woods. The trees are tall and thin, with a thick canopy of green leaves. Sunlight filters through the trees, creating dappled light on the path. On the right side of the path, there is a black metal post with a yellow reflective marker at the top. The overall scene is peaceful and natural.

**Annual Report
Greene County Conservation
District
2011**

**GREENE COUNTY CONSERVATION DISTRICT
ANNUAL REPORT FOR 2011**

BOARD OF COMMISSIONERS

Pam Snyder, Commissioner Chairman
Archie Trader, Commissioner-3 years of Service
Chuck Morris, Commissioner

BOARD OF DIRECTORS

Bradley Eisiminger, Chairman-19 years of Service
Archie Trader, Vice Chairman-3 years of Service
Tom Headlee, Treasurer-27 years of Service
James Cowell, Jr., Secretary-8 years of Service
Pam Snyder, Commissioner Representative-2 years of Service
Jim Kenney, Farm Director-7 years of Service
Vacant, Public Director

DIRECTOR EMERITUS

J. Robert Rice-46 years of Service

ASSOCIATE DIRECTORS

Greg Hopkins-4 years of Service
William Wentzel-4 years of Service

DISTRICT STAFF

Lisa Snider, District Manager
Lindsay Kozlowski, Environmental Program Specialist
Jeremy Kelly, Environmental Program Specialist
William Wentzel, Environmental Program Associate
Laurel Rush, Agriculture Technician
Becky Salosky, Fiscal Officer
Julie Maxwell, Watershed Specialist

COOPERATING AGENCIES

Natural Resources Conservation Service
Susan Funka-Petery, District Conservationist

PA DCNR Bureau of Forestry
Russell Gibbs, Service Forester

PA DEP Field Representative
Chuck Kubasik

DISTRICT LOCATION

Our office is located on the Mezzanine Level of the Fort Jackson Building at
19 South Washington Street
Suite 150
Waynesburg, PA 15370
Phone: 724-852-5278
Fax: 724-852-5341
gccd@co.greene.pa.us
Hours: 8:30 am to 4:30 pm Monday-Friday

Celebrating 55 Years of Conservation

It is the mission of the District to commit to protection, stewardship, and conservation of the County's natural resources to ensure a wise balance between the protection of the environment and the benefit of the landowners of the County. Over the past year, our staff and Board worked diligently and thoughtfully to promote a diverse range of natural resources within the County. It is our belief that conservation works best when local people living and working in the area work together to manage their natural resources collectively. Valuable partnerships are formed when diversity is brought into the conversation and decision-making process. Our office is a conservation-oriented organization that offers a wide variety of expertise and knowledge. The District staff can assist with questions related to permitting, offer guidance on planning for farming, and assist landowners with various topics. The following is a summary of our 2011 accomplishments.

Our District would like to thank the County of Greene and those cooperating agencies and organizations that assist us with our programs. Without the support of these entities, our programs would not be effective or efficient for the residents of the County.

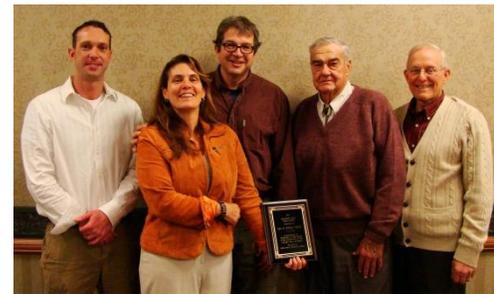
2011 Annual Conservation Honorees



**Cooperator of the Year
Rick and Janice Patton
Top Class Farm**

Rick and Janice Patton, owners of Top Class Farm, a 72-acre sheep farm located in Franklin Township on Gordon Hill Road at the site of the Former Gordon Hill School. Rick and Janice became cooperators in 2009 and began working with NRCS through the EQIP program to design and implement a rotational grazing system. Rick and Janice were honored for their outstanding leadership in the agriculture community and their commitment to managing their soil and water resources.

Gay and Harold Thistle own a 98-acre farm that is located west of Rogersville on Route 21 in Center Township. They moved here from Montana in 1999. In 2003, they had a Forest Stewardship plan written for their 40-acre woodlot. Over the last eight years, they have planted 3,500 trees, consisting of mixed hardwood, some American Chestnut, and evergreens. In addition, they each have been vital leaders for the SW PA Woodlot Owners Association.



**2011 Forest Conservationist
Gay and Harold Thistle**

L-R-Russell Gibbs, Service Forester, Gay Thistle, Harold Thistle, Bradley Eisiminger, District Chairman and Bill Wentzel, District Associate



**Cassie Orndorff
2011 FFA
Conservation Public
Speaking Honoree**

Cassie Orndorff, former President of the Waynesburg Chapter FFA, won the county contest with her speech, "Going with the Wind." The speech highlighted alternative energy sources, specifically wind power. Cassie went on to place 12th at the State FFA contest. She is currently a freshman at West Virginia University in the Davis School of Agriculture studying biochemistry. She also lives in the Honors Dorm and is a member of the "Pride of West Virginia" marching band.

CONSERVATION OUTREACH & EDUCATION EVENTS 2011

CONSERVATION LEADERSHIP SCHOOL

The Greene County Conservation District would like to congratulate Mackenzie Metcalf, a student at Carmichaels Area High School, on winning the Conservation Leadership Scholarship this year. Mackenzie was on the third-place team of the Envirothon in the spring of 2011.

The scholarship was made possible by contributions from PA Services Corporation, an affiliate of Foundation Coal. The Conservation District would like to thank Foundation Coal for their contributions that will foster strong, knowledgeable stewards of our local communities, which is an asset to our county.

Penn State hosted the Conservation Leadership School at the end of June and the beginning of July. There are two week-long sessions where students are in a classroom environment that is moved outdoors. Students were given the chance to explore forests, fields, streams, and lakes and had the opportunity to go canoeing, hiking, bird watching, fishing, and do other recreational activities.

“Thank you to the Greene County Conservation District, Alpha Natural Resources, and to my environmental science teacher Mr. Willis for giving me the opportunity to go to the Penn State Conservation Leadership School. I met a lot of amazing people and learned about and helped the environment as well.....Overall, I had a really great time at the Penn State Conservation Leadership School, and I want to thank everyone who gave me the opportunity to be a part of this camp. Thank you all so much!” -- Mackenzie Metcalf

ENVIROTHON 2011

Twelve high school teams from all five Greene County school districts competed on May 5 for the honor of being this year’s Envirothon Winners. This contest tested their environmental knowledge in five subject areas: Soils, Forestry, Wildlife, Aquatics, and the 2011 special topic, “Salt and Fresh Water Estuaries.”



PHOTO: (Left to Right) Tom Headlee, Conservation District Board Member; Michelle Anderson, Alpha Natural Resources; Luke Cumpston, Christine Broadwater, Samantha May, Robert Kowalewski, Kasey Osborne, and Kevin Willis, Advisor

Carmichaels Team #1 won this year’s competition with a score of 443 points out of 500 points total. This team competed at the 28th Pennsylvania State Envirothon held May 24-25 at Susquehanna University, Selinsgrove, and Shikellamy State Park, Sunbury. Carmichaels placed fourth at the state competition, scoring 493.3 points out of 600. This marks the sixth year in a row that they have finished in the top 10.

The local event is organized each year by the Greene County Conservation District and was funded through a grant from the Community Foundation of Greene County’s Pennsylvania Education Improvement Tax Credit (EITC) Program. Each student on the winning team secured a \$500 college scholarship, which was funded by Alpha Natural Resources.

The Conservation District is very grateful for the continued financial support of the Community Foundation and Alpha Natural Resources. Other partnering agencies that made this event successful were: Greene County Commissioners Pam Snyder, Archie Trader, and Chuck Morris; Greene County Department of Economic Development; Susan Funka-Petery and Kimberlee Moninger, USDA, Natural Resources Conservation Service; Robert McBride, DCNR Bureau of Forestry; Alan Johnson and staff, Ryerson Station State Park, DCNR, Bureau of State Parks; Eric Davis, PA Fish and Boat Commission; Chuck Kubasik, PA Department of Environmental Protection; Randy Crago and Joe Stefko, PA Game Commission; Wallace and Pancher Inc.; and Michelle Anderson, Alpha Natural Resources.

OIL AND GAS WORKSHOP

On August 23, the Greene County Conservation District, the Greene County Planning Commission, and the Greene County Township Officials Association co-sponsored an open forum for municipal officials and leaders concerning topics related to oil and gas production with a focus on natural gas compressor stations. The purpose of the forum was to not only inform municipalities of the activities and functions of the various parts of the gas field, but to allow them to question and voice concerns that they have been already facing within their townships. Pam Snyder, Archie Trader, and Chuck Morris were in attendance as well as supervisors, chairpersons, and other authorities in the county. Sixty-seven were in attendance.

Guest speakers included John Harper, a consultant from the Gas Technology Institute. He concentrated on the oil and gas development from the ground to the consumer. Mr. Harper also summarized the transmission of gas from the drilling sites to the compressor stations. Jay Irwin, P.E., Manager of Operations and Technical Services from Williams Midstream Services, LLC, spoke about compressor stations. Professor Ross H. Pifer, J.D., LL.M., Director from the Dickinson School Of Law, Agricultural Law Resources and Reference Center, Penn State University, presented to the municipal leaders their legal standing as it relates to oil and gas production in their communities. Representatives from PA Department of Environmental Protection, Alan Eichler and George Jugovic, presented information. They explained that PA DEP is governed by the current laws and regulations set forth by the state.



The oil and gas forum was finished out with a site visit at CNX's McQuay compressor station in Center Township. CNX Gas representatives provided safety training for each participant at their EverGreene Technology Park facility and provided transportation to the site in Center Township. At the compressor site, the group was escorted in small groups to look at each component of the compressor station and learned what the company's plans for the future of the site were and how each section works. The trip ended with a question-and-answer session.

The Greene County Conservation District, Planning Commission, and Township Association would like to thank all who participated and assisted to ensure a successful event. It is our intention to hold a similar event in the future to keep the dialogue open and try to get answers to questions our municipalities have.

DISPLAY & OUTREACH OPPORTUNITIES

- Greene County Fair Display
- Waynesburg Farmers' Market-Planning
- FFA Local and Regional Speaking Contest Judging
- GreeneSaver articles and advertisements
- Quarterly newsletter
- Observer-Reporter news articles
- Southwestern PA Woodlot Owners Association
- Warrior Trail Association
- Waynesburg Prosperous & Beautiful
- Greene County Tourist Promotion Agency
- Greene County Farm Bureau
- Greene County Penn State Cooperative Extension
- PA Cattlemen's Association
- Greene County Fair
- Mapletown High School Career Day and Science Fair
- Pennsylvania Association for Sustainable Agriculture
- Greene County Township Association

District Programs

Erosion and Sediment Pollution Control Program

The Erosion and Sediment (E&S) program was delegated to the District by the Department of Environmental Protection. The program includes the review of Erosion and Sediment Pollution Control Plans, inspections of earth disturbance sites, response to complaints, and issuance of Stream Encroachment permits, ESCGP-1 permits, and NPDES (National Pollutant Discharge Elimination System) permits.

NPDES permits are required if the area of disturbance is one acre or greater throughout the life of the project. If the site drains to a High Quality or Exceptional Value Watershed, an Individual Permit is required. High Quality or Exceptional Value Watersheds require a 150-foot set-back from streams, rivers, lakes, ponds, or reservoirs with riparian buffer requirements.

NPDES permitting also requires a Post Construction Stormwater Management Plan (PCSM). The PCSM should provide Best Management Practices that will manage any net increase in stormwater runoff volume after completion of the project. It should also be designed to eliminate or minimize point source discharges and to ultimately protect all aspects of the receiving surface water(s).

E&S plans are reviewed according to DEP guidelines to determine if they satisfy the Clean Streams Law and the adequacy of proposed Best Management Practices based on rules and regulations from the PA Code Chapters 102 and 105. In the spring of 2009, the DEP took over the issuance of all oil and gas related permits. The Greene County Conservation District still reviews all permitting associated with inter- and/or intra-state transmission of oil and gas. The total of disturbed acreage for all projects was approximately 821 acres. The table below summarizes the District's E&S accomplishments for 2011.

2011 Chapter 102/105 & NPDES Program Accomplishments	
Plans Received & Reviewed	98
NPDES Permits Issued	7
ESCGP-1	6
Chapter 105 General Permits Issued	
GP-2—Small docks and boat launching ramps	0
GP-3—Bank rehab/protection & gravel bar removal	13
GP-5—Utility line stream crossing	14
GP-6—Agricultural crossings and ramps	0
GP-7—Minor road crossings	13
GP-8—Temporary road crossings	12
GP-9—Agricultural activities	0
Review Fees	\$ 61,566.50
Accelerated Fees	\$ 35,550

DISTRICT COOPERATORS

Most of the assistance the District provides to agricultural producers is voluntary. Two landowners totaling 60 acres enlisted as new cooperators to request technical assistance on their farms in 2011. District Staff updated two conservation plans covering 172 acres. Two landowners currently have conservation plans under development or updates being completed covering 152 acres. The district received 13 general agricultural information requests from landowners in 2011.

The district's role in conservation planning is to conduct a site assessment to discuss the landowner's goals, assess resource needs, and to visually inspect the operation before using Toolkit to map the operation and write a best management practice (BMP) implementation schedule/management plan. The landowner can also use this visit to request additional information on programs or practices that may be suited for their management style. Others enroll as cooperators to qualify for Farm Bill Programs through the USDA-NRCS.

GCCD WATER QUALITY MINI-GRANT PROGRAM



The purpose of the Water Quality Mini-Grant Program is to supplement state and federal grant/incentive programs or private funds specifically designated to off-set costs associated with the implementation/installation of Best Management Practices (BMPs) designed to prevent erosion, mitigate non-point source nutrient and sediment runoff, and generally improve downstream water quality.

Funding for this program comes from the GCCD Clean Water Fund. In 2011, four mini-grant applications were approved: two at \$1,500 toward stream bank restoration projects and two at \$1,000 – one for a spring development and one for an agricultural stream crossing. All approved projects were completed.

GCCD LIME SPREADER RENTAL PROGRAM

Applying lime to pasture and hay fields is one of the simplest management decisions to make. Increasing soil pH can increase forage yields and palatability, with relatively low cost to the producer. In 2011, the program's third season, the lime spreader was rented to three producers, spreading 198 tons of lime on pastures throughout Greene and Washington counties.

As livestock production in the region has transitioned into more grass-based rotational grazing systems, the need for lime to help support quality forage production has

become imperative, but a producer's ability to get lime where and when they need has been reduced. A spreader of this size is easier to use on steep ground and more maneuverable in smaller pasture paddocks. Our specific machine is equipped with surge brakes and a longer axle to provide better control and stability.



To rent the lime spreader, you must complete the Lime Spreader Rental Agreement, provide proof of insurance, and pay a \$50 deposit. The standard rental period is three days, and the final rental charge is based on total tons of lime spread. To receive your deposit back, you must return the machine clean and undamaged.

APPALACHIAN GRAZING CONFERENCE PLANNING COMMITTEE

A sub-committee of the WV State Conservation Agency started this conference in 2003. Held every other year, the group hosted their fifth conference on March 4-5, 2011, in Morgantown, WV. Approximately 350 people attended the conference from seven states. The GCCD sponsored a scholarship for a Greene County producer to attend. This year's recipient is a sheep producer from Franklin Township.

The planning committee is comprised of representatives from five states in the Appalachian region (PA, OH, MD, VA, and WV). Greene County was approached directly to have a representative on the committee. Currently, Laurel Rush, Ag. Technician, regularly participates in planning for the event, especially in the areas of speakers and publicity. JB Harrold, NRCS Grazing Specialist, also participates on the vendor committee. The goal is to hold a conference that addresses the unique challenges of grazing in the Appalachian region.

PROJECT GRASS COORDINATING COMMITTEE

The purpose of this committee is to promote improved pasture systems and rotational grazing systems for better forage production, quality, and utilization. The committee holds meetings every other month, which are attended by Conservation District staff and agricultural producers.

Four broad objectives have been identified for the committee:

1. Enhance Pennsylvania agriculture through better utilization of grasslands.
2. Improve the economic position of Pennsylvania farmers, particularly small farms.
3. Increase the amount of livestock production in the Commonwealth to increase energy efficiency and develop improved marketing capabilities for cattle, sheep, hay, and other livestock.

4. Achieve better utilization of land and water resources for improved environmental quality.

In 2011, there was no grant funding available for projects. The committee has decided to coordinate a regional SWPA Project Grass Grazing conference in the fall of 2012.

PENN'S CORNER RESOURCE CONSERVATION AND DEVELOPMENT COUNCIL

Resource development and conservation councils were created out of the Federal Food and Agriculture Act of 1962. The purpose of this act was to expand opportunities for conservation districts, local units of government and individuals to improve their communities through assisting in the enhancement of social, economic, and environmental well-being. Penn's Corner RC & D was officially recognized by the USDA on Dec 10, 1973, and currently has representatives from eight Southwestern Pennsylvania counties. County Conservation Districts and County Commissioners appoint a representative and an alternate. Conservation Districts also appoint a member-at-large.

In 2011, federal funding was lost for RC & D coordinators. The Penn's Corner Charitable Trust continues to function through the executive council members and counties that continue to pay dues. Our Agricultural Technician serves as the conservation district alternate representative. Currently, Laurel serves on the Executive Committee as the Secretary and on the Agriculture committee.

The Agriculture committee has several active projects:

The Core 4 Conservation Planner was distributed throughout the state, via RC & D councils and Conservation Districts. The planner has been well received and is considered complete. The No-Till Conference planning committee is working toward a Feb 1, 2012 conference. PA GLCI is going to partner with the Council for the State Grasslands Evaluation Contest.

Greene County also partnered with Penn's Corner to assist in the promotion of the Farm Bill Programs through a grant with PA NRCS.

NUTRIENT MANAGEMENT

The GCCD is delegated to administer the nutrient management program for Greene County. This program regulates Concentrated Animal Operations (CAOs) and volunteer operations in Pennsylvania.

In Greene County, there are 1,670.5 acres and 421 animal units under voluntary Act 38 compliance.

One manure-related complaint was received in 2011.

RESOURCE ENHANCEMENT AND PROTECTION PROGRAM (REAP)

The Resource Enhancement and Protection (REAP) Program allows farmers and businesses to earn tax credits in exchange for installing "Best Management Practices" (BMPs) on agricultural operations that will enhance farm production and protect natural resources. The program is administered by the State Conservation Commission and the tax credits are awarded by the Pennsylvania Department of Revenue.

Eligible applicants may receive between 50% and 75% of project costs as state tax credits for up to \$150,000 per agricultural operation. The amount of tax credit available to a recipient is dependent on the type of BMP implemented.

In 2011, no new applications were submitted. There is one active REAP project which has been partially completed and submitted for tax credit approval.

AGRICULTURAL SECURITY AREAS (ASA)

The Bureau administers the Agricultural Security Area, or ASA, program at the state level. ASAs are a tool for strengthening and protecting our quality farmland from the urbanization of rural areas.

It is voluntary for farmers/landowners. Petitions are submitted to township supervisors. ASAs are reviewed every seven years; however, new parcels of farmland may be added to an established ASA at any time. A minimum of 250 acres from among all the participating farmers is required. An ASA may include non-adjacent farmland parcels of at least 10 acres or be able to produce \$2,000 annually from the sale of agricultural products.

Participants receive special consideration regarding:

- Local ordinances affecting farming activities.
- Nuisance complaints.
- And review of farmland condemnation by state and local government agencies.

An ASA qualifies land for consideration under the Easement Purchase Program at the landowner's request, if the ASA has at least 500 acres enrolled.

The benefits of enrollment are:

- Prerequisite for applying to the county farmland preservation program
- Protection against local nuisance ordinances related to farming activity
- Oversight in certain cases of eminent domain.

Greene County has 70 landowners with 9,252.47 acres enrolled in the ASA program in the following six townships: Center, Cumberland, Greene, Morgan, Washington, and Wayne.

EASEMENT PURCHASE PROGRAM

The Easement Purchase program was developed in 1988 to help slow the loss of prime farmland to nonagricultural uses. The program enables state, county, and local governments to purchase conservation easements, sometimes called development rights, from owners of quality farmland.

Farm owners located in approved ASAs can apply to the county program. Farm applications meeting program requirements are ranked and then forwarded to the state board for approval after offers have been made. In 2011, the board suspended accepting applications so they could complete a 2010 application. The high-ranking

property was unable to be encumbered due to title issues. The second ranked parcel of 101 acres located in Cumberland Township owned by the James F. and Pearl Willis Living Trust was encumbered in December of 2011.

DIRT AND GRAVEL ROADS

Interest is growing in the Dirt and Gravel Roads Program as more municipalities have taken advantage of this program in the past several months. The primary conditions for qualification here are that the work site must be on dirt and gravel roads, and the site must be negatively impacting a waterway.

The 2011 grant round for the Dirt and Gravel Roads Program funded four projects in three municipalities. All projects were ranked by the Quality Assurance Board members and approved for funding by the Conservation District Board of Directors. One site, Guthrie Road, was approved as an emergency funded project. On July 29, the watershed that drains the area around the municipal building experienced approximately four inches of rain over an hour. The area experienced a flash flood that compromised a culvert crossing on Guthrie Road. This site qualified for funding and has been approved for \$3,796.80 for repairs.

The remaining sites approved are the following:

- **Aleppo Township–Morford Road**
Two road crossings; one is a stream crossing and road is to be elevated
Grant–\$6,875.35
In-kind match–\$3,052.50
Project total = \$9,927.85
- **Monongahela Township–Creek Road**
Eight road crossings; 3-4 are stream crossings
Grant–\$20,697
In-kind match–\$7,936
Project total = \$28,633
- **Morgan Township–Beagle Club Road**
14 road crossings; two are stream crossings
Grant–\$22,702.15
In-kind match–\$14,000
Project total = \$36,702.15



It is good to see our local municipalities taking advantage of the benefits of the Dirt and Gravel Roads Program.

WHITELEY CREEK STREAMBANK RESTORATION PROJECT

Plans are being made to move forward on the Whiteley Creek Streambank Restoration Growing Greener grant project. The project will stabilize the banks and realign the stream channel using fish habitat enhancement structures on seven sites along a portion of Whiteley Creek in Game Lands #223, partnering with the PA Game Commission and the PA Fish and Boat Commission. Some of the structures include root wad deflectors, mud sills, and log vane deflectors. The devices will not only help stabilize the streambank, reduce soil erosion downstream, and realign the stream channel, but will provide better habitat and hiding areas for fish. Whiteley Creek is a trout-stocked fishery, but currently is not the ideal stream for trout to live in. Sedimentation from bank undercutting was found to be the largest nonpoint source pollution problem in the portion of the watershed where the project is located.

The banks along this portion of Whiteley Creek are severely eroding and have been undercut by the stream. Currently the stream banks in this area are at a minimum of eight feet high and up to 12 feet in some areas and are being undercut on every outside turn. Greene County Conservation District staff primitively installed four foot stakes into the stream banks at critical erosion areas



horizontally and noted that the stakes were completely exposed and lost within the first year and a half, a loss of at least eight feet of stream bank from November 2007 to May 2008.

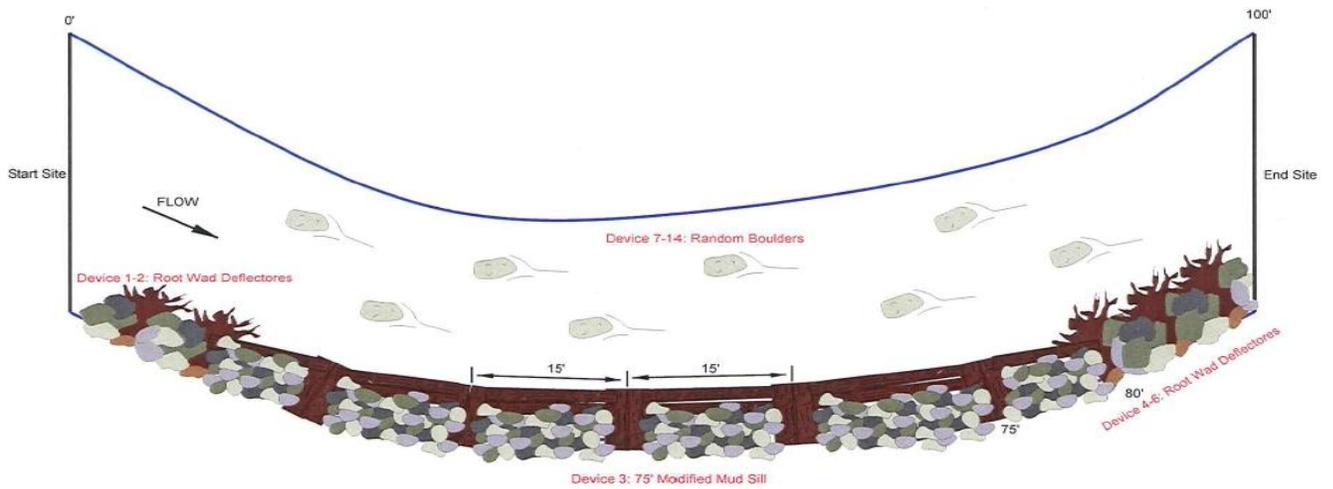
In 2001 and 2002, trees were planted in the area at a minimum of 15 feet away from the stream, and the majority of them have since disappeared as the banks continue to erode. A riparian buffer of woody vegetation needs to be established in order to provide adequate protection to the stream banks, but in order to achieve this goal, the currently eroding banks must be addressed with stabilization and protection practices.

Similar work was completed in 2007 on an adjacent portion of stream. Rock deflectors were installed to direct the stream away from the banks and to realign the channel. The structures have maintained their integrity and slowed the sediment pollution to the stream. These positive results show that the installation of additional structures will help to stop the rapid erosion of the streambanks that currently occurs. The PA Fish and Boat Commission has constructed hundreds of like practices throughout the state and has had tremendous success. The structures have withstood many high water/flow events in the past, and the key to their success is proper installation and project oversight.



The fish habitat structures to be installed require minimal earth disturbance and are made from natural logs, root wads, and stone. They are designed to not only provide multiple functions of fish habitat and stream bank protection, but to aesthetically blend into the scenery of the stream. The stone structures installed in 2007 have had vegetation grow up around them so that they now blend into the streambank.

The structures will also address safety issues for hunters or fishermen who risk getting too close to the edge of the stream and slipping on the crumbling banks. The structures will create more gently sloped and reinforced banks that will allow fishermen to get closer to the creek.



2011 CORNER CUPBOARD FOOD BANK DONATION

At the December 2011 District meeting, a \$500 donation was made to the local Corner Cupboard Food Bank. Funds were to support the elimination of hunger in Greene County. Traditional holiday meals were provided to 14 local pantry sites.



Cooperating Agency
USDA Natural Resource Conservation Service 2011 Snapshot for Greene County

- 1236 acres of Soil and Water Conservation Plans written
- 83 acres of cropland with conservation applied to improve soil quality
- 843 acres with conservation applied to improve water quality
- 738 acres of wildlife habitat enhancement
- 238 acres of forest land with conservation applied to protect and improve vegetative condition
- 1.5 acres of tree/shrub planting at Dunkard Creek dam removal site

Practices designed and installed

Animal Trails and Walkways	50 ft
Comprehensive Nutrient Mgmt Plan applied	1
Conservation Cover	3 ac
Cover Crop	42 ac
Fence	38,356 ft
Forest Stand Improvement	211 ac
Hedgerow Planting	800 ft
Prescribed Grazing	177 ac
Seasonal high tunnel system for crops	1,440 sq ft
Spring Developments	17
Stream Crossings	8
Strip Cropping	41 ac
Tree/shrub establishment	4 ac
Upland Wildlife Habitat Management	33 ac
Watering Facility	24