

# CONSERVATION



102 14 3500 750 26 0  
60 365 22 6688 230  
496 9 30000 21 1267  
000 50 17 800  
291 12 105  
32 377  
110 15  
18 26

BY THE **NUMB3RS**

Lancaster County Conservation District 2010 Annual Report



*Barley Farms recognized with the 2010 Outstanding Cooperator Award.*

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# By the Numbers!

## Board Chairman's Message

As you will observe the theme of our 2010 Annual Report for the Conservation District revolves around numbers. I like numbers like 806, my favorite International Harvester tractor, or \$7.00/bu corn if I'm selling, and checks written to me with as many zeros as possible! In reviewing the Conservation District's achievements for 2010 we also see a lot of numbers.

Consider the Ag staff, which developed new and revised Conservation Plans for 3,700 acres while conducting Nutrient Management status reviews on 230 farming operations, and facilitating the installation of 100 Ag best management practices. How about the Erosion and Sediment staff that conducted 1,267 inspections and reviewed 378 of new and revised plan submissions? Staff members involved in the Education and Outreach Department reached out to more than 10,000 county residents including farmers and the non-farming public at large such as students and teachers in our local schools. The numbers are staggering as you review the cumulative effort of the staff, Directors, and volunteers who are involved in District sponsored or related activities.

What really counts is the activity that you are involved in. What number is critical to you? The number of feet of stream bank fencing on your farm or the limited amount of fertilizer you have spread on your lawn or the number of neighbors you have influenced to protect and enhance our natural resources in Lancaster County? Numbers are good but it takes action on your part to generate the numbers!

**Frank Burkhart**



### Board of Directors –

(L to R) Front Row: Jay Snyder, Robert Shearer, County Commissioner Craig Lehman, and Sonia Wasco (L to R) Back Row: Frank Burkhart, Herb Kreider, Dan Heller, and Ken Meck. Absent from photo - Ron Beam

### Associate Directors –

(L to R) Matthew Young, Donald Robinson, Richard Shellenberger, Robert Wagner, and Roger Rohrer Absent from photo - Edwina Coder, Lisa Graybeal, Robert Lauffer, Matthew Mack, Ronald Meck, David Miller, Rebecca Ranck, Kenneth Rutt, Kathleen Schreiber, Alfred Wanner Jr., and Gary Willier





# Erosion and Sedimentation = Changes in 2010

**102** was the number that brought significant change for the Erosion and Sedimentation (E&S) Department in 2010. Chapter 102 is the specific 102 afore mentioned. On November 19, 2010, revisions to the Chapter 102 regulations became effective. The E&S staff spent many hours sifting through revisions to Chapter 102 as well as attended trainings presented by PA Department of Environmental Protection (DEP) regarding the regulation changes. The major changes to Chapter 102 include:

- National Pollutant Discharge Elimination System (NPDES) Permit required when disturbing 1 acre or more
- Individual NPDES Permits (High Quality (HQ)/ Exceptional Value (EV) stream): Stream Buffer Component
- Stormwater Plan will be recorded with the recorder of deeds

The E&S staff remained busy as the number of site inspections conducted remained strong this past year while the number of new E&S plan review applications declined. The E&S Department held one enforcement hearing in 2010 which resulted in a civil penalty. Multiple presentations were given by the E&S Department including a Chapter 105 training for the Lancaster County Association of Zoning Officers, Chapter 102 Training for Penn DOT (Partnered with DEP and south central region conservation districts), and Chapter 102 presentations to Penn Manor High School science classes.

The E&S staff earned various professional development certifications during 2010. Kent Himelright and Nate Kurtz continued with agricultural cross training as they received their final certification in the Act 38 Nutrient Management Plan Program. Rebecca Buchanan and Nevin Greiner became Certified Professional Erosion and Sedimentation Control (CPESC) certified while Nate Kurtz received the CPESC-In Training certification.



*Frey Farm  
Windmill Project*



*Holtwood Dam Power House*

The E&S Department presented two awards in 2010. The “Conservation Agency Award” went to Barbara Beshore (DEP) for her many years of environmental work. The “Conservation of Natural Resources Award” was presented to Brookshire Properties LLC, an age qualified community in Penn Township.

Effluent Limitation Guidelines (ELGs) on construction projects have been a topic of recent discussion at DEP, but were not included with the most recent regulation revisions. This is an area the E&S Department will continue to monitor for future changes. The E&S Department looks forward to the coming year as we continue to gain clarity of the Chapter 102 revisions.

**Nate Kurtz, Erosion  
Control Technician**

E&S Plan Reviews Performed	378
Project Acres	5961
Disturbed Acres	1243
Review Fees Collected	\$278,395
General NPDES Permits Processed	77
Ind. NPDES Permits Processed	8
NPDES Permit Fees Collected	\$38,000
Complaints Received	129
Site Inspections/Reports	1267/428
Technical Assistance	2882
Enforcement Actions	1
Ch 105 General Permits Issued	118

**Year 2010  
Chapter 102 / NPDES /  
Chapter 105 Activity**



# Agriculture: The Sum of Many Parts

**Zero**, not the number one typically expects to hear out of an organization that is known for its ability to count the smallest bean, whether it be; conservation planning acres, or installed best management practices, zero just doesn't seem too impressive. But for the past year, zero is the number of agriculture technicians (super techs) that have needed to be hired due to staff turnover. What does this mean? Well, it means that our staff have gained one more year of experience, and with that extra year of experience their abilities have never been any more evident than with the Watson Run Watershed project.

Through the initial contact from the Environmental Protection Agency (EPA) to the Plain Sect leadership in Watson Run Watershed, the District Ag staff was hands-on. With the Ag technicians and some help from other agencies and consultants, the entire Watson Run Watershed agricultural land was planned from start to finish with Conservation Plans and Manure Management Plans across 26 farms, in only a few months. Ag technicians completed this while still working in their home "territories" implementing conservation practices and following up on nutrient management activities across the county.

This process may not seem overwhelming, but logistically trying to shift the Ag staffs' priorities, keep the lines of communication open with a group that traditionally does not have computers, email, cell phone, or even in some cases a landline phone, was easier said than done. Oh, and by the way, everything needed to be completed and ready for review in what seemed like less time than it takes to fill up an SUV's gas tank. Now that was a test of the Ag staff, but more over, showed their determination, knowledge and love for their work. An accomplishment to say the least!

In addition to the Watson Run Watershed effort, the Ag staff helped to implement across the county; 14 manure storages/stacking facilities, over 8,000 ft of grassed waterway built, and over 14,000 ft of terraces installed. The Conservation District Ag staff has no thought of slowing down in the upcoming year, in fact we expect to move faster, more efficiently, and reach more farming operations as the world of conservation takes on a new look and feel. With 9 Ag technicians, 2 engineering specialists, and 1 compliance coordinator, the farming community of Lancaster County will have staff at the Conservation District that are some of the best in the business.

**Jeff Hill, Ag Program Manager**



*Series of waterways installed in Little Britain Township*



# Plain Sect Outreach

**3,500** farmers were contacted during 60 farmer meetings the Plain Sect Outreach Coordinator attended during 2010. These meetings take place anywhere from plush restaurants to cold farm shops including spring and fall cover crop field walks and summer pasture walks. The Plain Sect Outreach position has been around for three years and continues to be one of the important tools the Lancaster County Conservation District (LCCD) uses to communicate with the agriculture community.

Several events during 2009 brought a renewed focus on the Chesapeake Bay. As plans developed for the 2010 farmer winter meeting season many businesses asked the Coordinator to update their clients on some of the issues related to the Bay. Although the southernmost point of Lancaster County is 15 miles from the Bay almost all the county is a part of its 64,000 square mile watershed. Even though Lancaster County does not share any of the 11,600 mile shore line it does have 1,400 miles of streams and creeks whose water eventually find their way to the Chesapeake Bay.

Mid-way through the winter meeting season the title of the Plain Sect Outreach presentation changed from, "Chesapeake Bay Concerns" to "Local Stream Concerns" to help farmers think in terms of what they can do for the small stream down in the pasture. If that stream is cleaned up the end result will be a cleaner Bay. A power point presentation continued to be a valuable communication tool at meetings where electricity was available.



The Plain Sect Outreach Coordinator continued to partner with Penn State Extension at meetings as well as providing a no-till transplanter for farmers to try no-till planting of tobacco and vegetable crops such as cabbage, cauliflower, and pumpkins. In addition to helping farmers transition to no-till transplanting, it became a way to meet more farmers.

The farm visit aspect of Plain Sect Outreach greatly expanded in 2010 with more than 100 farm visits. Many of the visits were in the Muddy Run watershed in the Intercourse area as the Environmental Protection Agency (EPA) made that watershed a target for inspections. Visiting is one way to inform and walk a farmer through the regulation process.

As the Plain Sect Outreach program continues in its fourth year more relationships are being built with farmers and businesses. These relationships translate into more farmers reaching out to the Conservation District for Conservation / Ag Erosion and Sedimentation Plans which in many cases leads to technical assistance to help solve the conservation issues on their farms.

**Dennis Eby, Plain Sect Outreach**





## 2.7 Miles of County's Dirt & Gravel Roads Stabilized

**2.7** miles (14,200 ft) of dirt and/or gravel roads were improved and maintained through three projects in the county. In 2010, the Lancaster County Conservation District's Dirt & Gravel Road Program worked with two municipalities on three dirt & gravel road projects. Roads such as Pumping Station and Segloch in the northern part of the county and Eagle Road in the southern part of the county benefited from this program. Collectively over \$32,000 were spent on improving these sometimes forgotten infrastructure relics. This money came from grant program funds or from the municipalities themselves contributing to the road projects. Overall 10,500 ft of roadside ditches and over 190,000 sq. ft. (4.3 acres) of dirt and/or gravel road surfaces have been stabilized using 2010 program funds.

**Matt Kofroth, Watershed Specialist**

*Pictured Above: Broad-based dip on Laurel Dr. in Elizabeth Township (broad-based dips are used to dissipate stormwater runoff on dirt and gravel roads)*



# 3,000 feet of Mill Creek and Counting!

**3,000** linear feet of Mill Creek stream bank reshaped from vertical to gently sloping banks is just one result of a Section 319 Environmental Protection Agency (EPA)/ PA Department of Environmental Protection (DEP) Nonpoint Source Pollution Prevention Grant managed through the Lancaster County Conservation District this past year. The stream restoration project involved numerous partners from the Mill Creek Preservation Association to the U.S. Fish & Wildlife Service to four individual streamside property owners.

In addition to reshaping the stream bank, over 5,000 ft of stream bank fence was installed, 3 livestock crossings were installed along with one enhanced for better pasture management, 12 log vanes were installed to direct flows within the stream corridor, 4 rock cross vanes and 3 log vanes were put in place to alleviate stormwater erosion on fragile stream banks, and over 700 feet of mud sills were installed to create much needed aquatic habitat.

Combine this with a riparian buffer planned for installation spring 2011 and the result will be over ½ mile of stream restored. With the addition of this project to a 2006 Natural Resources Conservation Service (NRCS) stream restoration project downstream; it adds up to over a mile of improved Mill Creek and beneficial steps to cleaning up the Chesapeake Bay.

**Matt Kofroth, Watershed Specialist**



*Before and after photos of some of the work completed on the Mill Cr. Stream Restoration Phase I Project.*



## ADMINISTRATION



Don McNutt  
Administrator



Gerald Heistand  
Assistant to the  
Administrator



Paula Harnish  
District  
Operations  
Secretary



Roberta Hartz  
Secretary/  
Receptionist

## EROSION AND SEDIMENTATION



Rebecca  
Buchanan  
E & S Program  
Manager



Nevin  
Greiner  
Resource  
Conservationist



Nate Kurtz  
Erosion Control  
Technician



Kent  
Himelright  
Erosion Control  
Technician



Carol  
Harnish  
E&S Secretary

## EDUCATION AND OUTREACH



Shelly Dehoff  
Ombudsman



Dennis Eby  
Plain Sect Outreach



Sallie Gregory  
Education Coordinator



Matt Kofroth  
Watershed Specialist

## AGRICULTURE



Jeff Hill  
Agriculture  
Program Manager



Kevin Seibert  
Ag. Compliance  
Coordinator



Jim Saltsman  
Ag. Engineering/  
Technical Specialist  
Level II



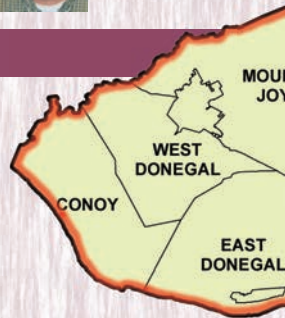
Adam Hartz  
Ag. Engineering/  
Technical Specialist  
Level I



Larry Zuschlag  
Ag. Conservation  
Advisor



Jill Whitcomb  
Grants Coordinator/  
Nutrient Mgt. Tech.



## AG CONSERVATION TECHNICIANS



WEST  
Kevin Lutz



WEST  
Jenn Ledwich



WEST  
Jill Whitcomb/  
Jeff Hill



EAST  
Greg Heigel



EAST  
Steve Reiff



EAST  
Andy Hake



SOUTH  
Kate Bresaw



SOUTH  
Keith Lutz

SOUTH

## USDA NATURAL RESOURCES CONSERVATION SERVICE



Heather Grove  
District  
Conservationist



Gary Ballina  
Civil Engineering  
Technician



Ashley Spotts  
Streambuffer  
Specialist/CBF



Kathy Forrest  
Program  
Assistant

## NRCS SOIL CONSERVATIONISTS/TECHNICIANS

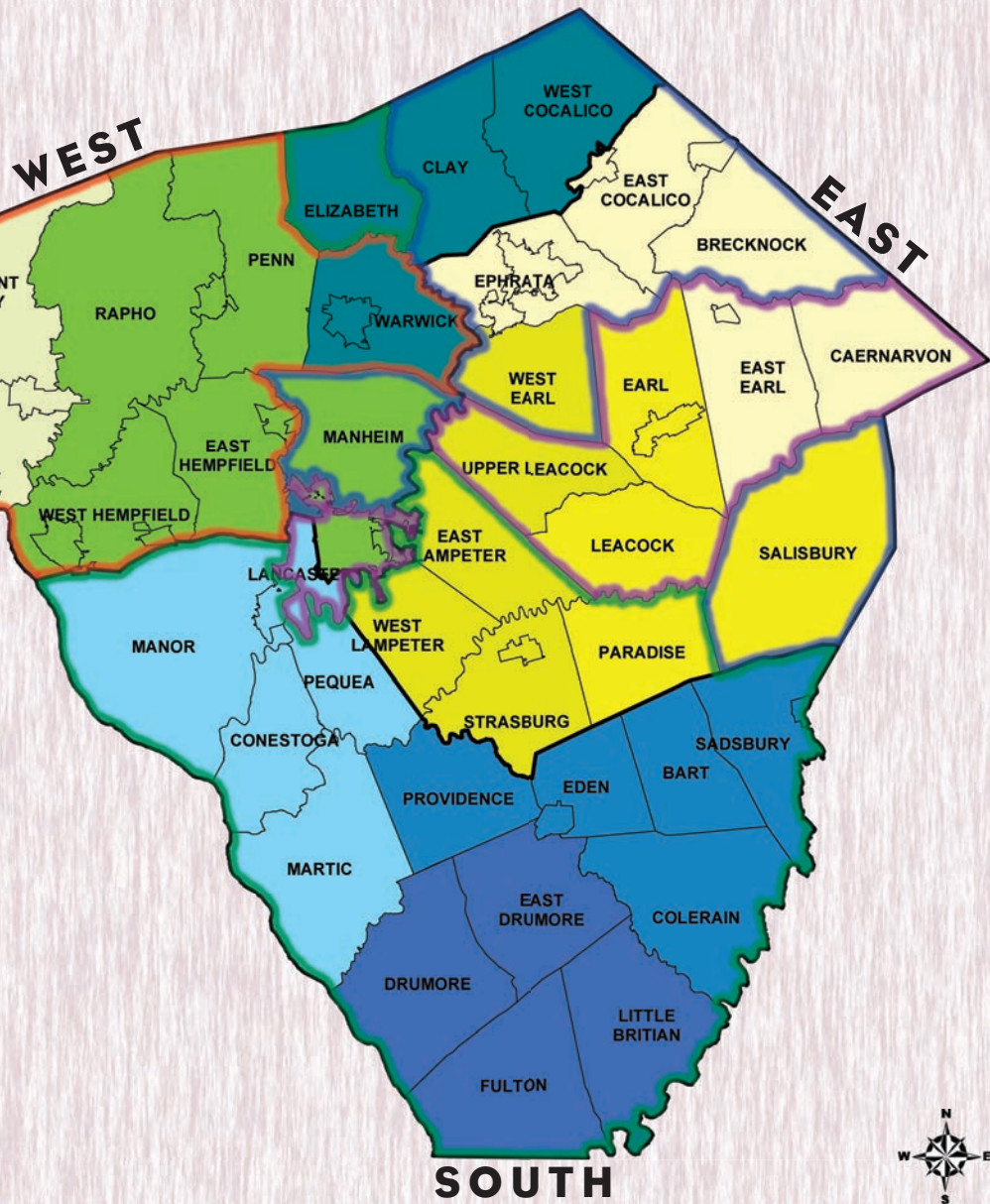


(L to R) Wendy Coons,  
Omer Brubaker, Dale Kriner,  
Bob Livingston, Steve  
Ludwig, Andy Myers,  
Mark Myers, Rob Weaver



# LANCASTER COUNTY CONSERVATION DISTRICT

## Technician Territories





*Conservation School students attached fixtures to repurposed barrels creating rain barrels.*

## Conservation Education Counts

**6,688** county residents participated in programs presented by the Lancaster County Conservation District Conservation Educator. Presentations addressed the PA Science/Technology, and Environment and Ecology Standards featuring natural resources, watersheds, water conservation, and soil. The Conservation Educator coordinated a variety of learning opportunities focused on the wise use of our natural resources both in the classroom and the field.

Best management practices can be described as stream crossings, waterways, and terraces. However, conservation education can also create best management practices that motivate and cause a change in perception based on learning. The ripple effect of education can be infinite and there were many opportunities to share conservation education with county residents throughout the year.

The Library System of Lancaster County invited the Lancaster County Conservation District to provide water quality focused presentations as part of the summer reading program. The Conservation Educator was able to present at each of the 17 libraries with a total audience of more than 750 people. The audiences were diverse including new and underrepresented groups, various ethnic and religious backgrounds; school aged children 5-16 years old, parents, and grandparents.

In addition to reaching many children, each location connected residents to concerns within their local watershed such as a Conewago resident who recently heard about a “watershed project in his neighborhood” (referring to the Conewago Watershed



Initiative involving the Conservation District), or a Manheim Township resident who has spotted his neighbor dumping left over pesticides into the stream dividing their properties. Likewise, a Mount Joy resident who was surprised to learn there was something smaller than a fish living in a creek. There were also participants who were excited to take what they'd learn and explore the creek in their backyard. The program offered an outstanding collaboration with the Library System and continued connections to communities in Lancaster County.

The Lancaster County Senior High Envirothon was hosted by the Conservation District with 8 high schools represented by 110 participants creating 22 teams. Penn Manor High School placed first and represented the county at the State Envirothon. The Conservation Educator also helped to facilitate the Elementary Envirothon involving more than 350 students in grades 3-6.

The Lancaster County Youth Conservation School was held July 25-31 involving 21 students with 3 females and 18 males. To date the program has graduated 946 individuals over the past 32 years. As a stewardship partner, the Federated Sportsmen of Lancaster County sponsored 100% of students attending. Twenty-three volunteers and Conservation District staff provided instruction, counseling, and assistance. More than 50 instructors met with students throughout the week to build knowledge in survival, orienteering, tracking, trapping, canoeing, archery, fishing, land use planning, and much more.

Each two dimensional number adds up to a three dimensional citizen making wise choices about the natural resources of Lancaster County.

**Sallie Gregory, Education Coordinator**



*During water quality study, Clay Elementary students planted riparian buffer and investigated macroinvertebrates in Middle Creek.*





# Ombudsman Program

**Zero** controversial situations. That would be wonderful but, not realistic. The Ag Ombudsman Program is designed to help Conservation Districts, farmers, municipalities, and concerned citizens work together to minimize or eliminate controversy sparked by agricultural operations, and therefore enable agriculture to be viable in those areas. The Ombudsman Program also creates and sponsors many workshops, publications, or training opportunities to fill educational needs of farmers, municipalities and agency staff.

The Eastern PA Ombudsman's foundation of work in 2010 included time spent on work groups, providing pro-active educational sessions and publications, and providing liaison or facilitation services, such as:

- Lancaster County Chamber Ag Committee
- Lancaster County Coalition for Smart Growth
- South Central Task Force Agriculture Subcommittee
- AgroTerrorism Working Group
- Odor Management Regulations certification training
- Mortality Disposal education
- Assisted in creation of 2-year Conservation Planner calendar for farmers
- Created brochure for farmers highlighting what is needed to be in compliance with agricultural environmental regulations
- Educational input to municipalities, farmers and Conservation Districts regarding land use, ordinances and permitting issues, neighbor relations issues, etc.
- District committees and annual events
- Submitted *Lancaster Farming* newspaper articles for monthly "Building Bridges" column



2010's numbers included thousands and thousands of flies. It included fly complaint response coordination to help others NOT have to live with thousands of flies. As a way to keep track of all fly complaints in Pennsylvania and to make sure complaints are responded to in a timely manner with proper follow-up, the PA Ag Ombudsman Program coordinated the responses for the second year. The Ombudsman Program is not expected to do a site visit or respond personally for all complaints, but rather take phone calls and record basic information, log them, request trained responders to do site visits, and then ensure timely, proper follow-up has occurred. The PA Ag Ombudsman Program created 2 fact sheets/handouts. One handout is for farmers, showing common fly minimization techniques through cultural, biological and chemical control options. Biological controls include parasites, fungi and wasps which eliminate flies in all stages of their life cycle without becoming a nuisance in the neighborhood. The second handout is for residents dealing with fly outbreaks, although not all fly outbreaks are generated from agricultural operations. The handout encourages homeowners to keep their house as clean and "fly tight" as possible. It also advises residents on passive and chemical controls.

In expectation of needing trained responders for fly complaints, the Ag Ombudsman Program worked with Penn State University, Cornell University and Penn State Extension to sponsor Fly Camp I and Fly Camp II. Conservation District, PA Dept. of Agriculture, Extension and private sector employees were trained in the basics of fly identification, fly minimization practices, sources of different types of flies and complaint response etiquette. Both Fly Camps utilized webinar or teleconference learning.

In 2010, the Ombudsman coordinated responses for over 30 fly-related complaints in the southcentral and southeastern areas of PA. Plans for 2011 include expanding the number of people trained to respond to complaints, and providing additional training to people who attended the 2010 Fly Camps.

**Shelly Dehoff, Ag/Public Liaison**



# Natural Resources Conservation Service (NRCS)

## Accomplishments & Contributions

**\$1,988,565.80** in federal funding paid to producers for best management practices installed on their farms in the 2010 fiscal year.

That's over 365 conservation practices like grassed waterways, terraces, prescribed grazing systems, stabilized livestock walkways, manure storages, barnyard runoff systems and mortality composters installed on Lancaster County farmland in one year! Keep in mind that doesn't even begin to cover all the good work that producers are doing through other programs or on their own.



*Grassed Waterway installed during the summer 2010.*

In addition to those federal dollars paid out to producers in 2010, another \$1,616,965.70 dollars in federal funding was set aside for 42 new projects funded through the Chesapeake Bay Watershed Initiative (CBWI), the Environmental Quality Incentives Program (EQIP), and the Agricultural Management Assistance (AMA) program. These funds will allow NRCS and the Conservation District to continue to assist farmers with the

installation of best management practices on their farms over the next few years.

Also, during the past year, the Lancaster NRCS Field Office rolled out the newly established Conservation Stewardship Program (CSP). This incentive program provides an opportunity for producers to obtain federal funding to implement activities that go above and beyond that of the typical best management practices. It allows them to invest in new technologies and ideas in order to further reduce their impact on the county's natural resources. Activities like the use of mixed species or deep-rooted cover crops, use of drift reduction and targeted spray technologies for pesticide applications, tissue testing for nitrogen management, and establishment of pollinator and expanded wildlife habitat are just a few of the enhancements that were chosen by producers. By the end of the fiscal year, 14 new contracts were approved for a total of \$914,000 of incentive funding to be paid to producers over the next 5 years.

Another fantastic year has wrapped up in Lancaster County. NRCS is now in the process of evaluating the applications for potential projects for the upcoming year, and there's no doubt that this one will prove to be just as successful, if not more. Together, NRCS and their conservation partners in Lancaster County will continue to be leaders in conserving natural resources in Pennsylvania and throughout the country.

**Heather Grove, NRCS District Conservationist**



# Conservation Reserve Enhancement Program (CREP)

**35** Feet of riparian buffer can make a difference according to the Conservation Reserve Enhancement Program (CREP) program. The CREP program is administered by the Farm Service Agency (FSA), in partnership with USDA Natural Resources Conservation Service (NRCS), Pennsylvania Department of Environmental Protection, Pennsylvania Game Commission, Chesapeake Bay Foundation, and others. There are three designated areas in the state of Pennsylvania that currently offer the CREP program to landowners not just farmers. These areas are designated as the Original Counties, Expansion Counties, and the Ohio River Basin Counties. Lancaster County is in the Original Counties area and currently has only one practice available, the riparian buffer practice.

NRCS and other technical service providers such as the Chesapeake Bay Foundation are out in the field completing eligibility site visits for landowners. A majority of un-forested areas within 180 feet of streams, seasonal springs, and even ponds can be eligible for a CREP buffer. In order to enroll in CREP you must be willing to create a buffer of native trees and shrubs at least 35 feet wide with approximately 125 trees/shrubs per acre. A wider buffer offers greater benefit for water quality and wildlife habitat. The program pays for the installation of the trees, shrubs, tree tubes to protect the seedlings, and labor for the plantings.

If a landowner has livestock, CREP pays for the installation of fencing, livestock crossings, and watering facilities. In addition, CREP now provides cost share for post planting maintenance which includes herbicide application along the rows of trees. For all components, there are maximum amounts that CREP will reimburse you.

CREP requires that you enter into an agreement that is 10 to 15 years in length. You will receive a rental payment for the acreage enrolled and will receive this payment

each year for the length of the contract. The rental payments vary and are dependent on soil type and county. Lancaster County Farm Service Agency is taking continual sign ups. Please contact FSA at 717-299-5461 ext 2 if interested in enrolling in the program.

**Ashley Spotts,**  
**Streambuffer Specialist**



*Riparian buffer that includes trees emerging from tree protectors.*

*Note herbicide circles demonstrating maintenance technique.*





## TREE SALE

**33,000** trees and plants were sold during the 36<sup>th</sup> Annual Lancaster County Conservation District Tree Seedling Sale. Co-chairs, Sallie Gregory and Matt Kofroth worked with an enthusiastic committee to plan and implement the successful two day event. Conservation District staff teamed up with Natural Resources Conservation Service staff and a group of volunteers to fill 496 orders. Hosted at the Farm and Home Center Auditorium, the event also included educational displays from the Bureau of Forestry, Lancaster County Solid Waste Management Authority and the Penn State Master Gardeners. Free samples of compost were made available to customers courtesy of Manheim Township composting.

With a return rate of 1 in 15, 7,300 newsletters including the Tree Sale Order Form were mailed to county residents. Six local Watershed Associations participated in the sale as a fundraiser for their individual groups. \$291 were refunded to these associations. Eight FFA Chapters also participated this year as a fundraiser for their chapters. \$537 were refunded to their chapters.

New this year was the addition of apple trees to the sale. The great success of orders brought new interest to the sale with the hopes of creating some backyard orchards in the county. The investment in the Tree Sale allows the Conservation District to continue valuable education programs relating to watersheds, wetlands, and conservation practices.

**Matt Kofroth and Sallie Gregory, Co-Chairs**



# Think You Know The Numbers?

5  
9  
40  
64  
75

75  
80  
97  
200  
1000

1	6
2	9

3	7		8
4			
		5	

## Across

- Nearly \_\_\_\_ \_\_\_\_% of the world's water is salty or otherwise undrinkable.
- \_\_\_\_ \_\_\_\_% of the human brain is water.
- A washing machine averages \_\_\_\_ \_\_\_\_ gallons per daily use.
- Of course, in emergencies, bottled water can be a vital source of drinking water. If you choose to buy water for a change of taste, it costs up to \_\_\_\_ \_\_\_\_ \_\_\_\_ times more than tap water.
- Most of the drinkable water used in your home is used to flush the toilet using approximately \_\_\_\_ \_\_\_\_ gallons per day for a family of four.

## Down

- \_\_\_\_ \_\_\_\_% of a living tree is water.
- Average rainfall for Pennsylvania is approximately \_\_\_\_ \_\_\_\_ inches per year.
- Assume little leaks only waste a little water? You can lose up to \_\_\_\_ \_\_\_\_ \_\_\_\_ gallons of water a day from a leaking toilet.

## Stand Alone

- Water expands by \_\_\_\_% when it freezes.
- A person can live only about \_\_\_\_ days without water.

0	8		
0	0	0	1
2		4	9

5	7
7	6



# 2010 LANCASTER COUNTY CONSERVATION DISTRICT

## Financial Report

### REVENUE

YEAR 2010  
ACTUAL

#### District Activities

Miscellaneous Revenue	\$0.00
Banquet Revenue	\$1,387.00
Tree Sale Revenue	\$24,249.45
Senior Envirothon Donations	\$2,320.00
Scholarship Auction, Donation & Interest	\$2,394.18
<i>District Activities Revenue</i>	<i>\$30,350.63</i>

#### District Operations

County Grant Total	\$238,500.00
County Grant designated for E&S	-\$17,000.00
NRCS Clerical support	\$17,060.08
Ag Conservation Technician	\$26,431.59
Bay/Ag Program (DEP & NRCS)	\$390,086.30
Nutrient Management Delegation	\$328,488.59
Ag Compliance Program	\$31,222.78
Environmental Education Program	\$24,404.47
Watershed Protection Program	\$39,672.69
Ombudsman Program	\$86,882.51
Plain Sect Outreach Program	\$69,352.78
District Administration	\$46,186.36
E & S (102, 105, NPDES) Program	\$335,155.34
<i>District Operations Revenue</i>	<i>\$1,616,443.49</i>

#### Grants

<i>Grant Revenue</i>	<i>\$424,798.62</i>
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### TOTAL REVENUE

\$2,071,592.74

### EXPENSES

YEAR 2010  
ACTUAL

#### District Activities

Public Relations & Awards	\$2,146.53
Annual Banquet	\$3,022.24
Tree Sale Costs	\$21,686.07
Senior Envirothon Costs	\$2,223.13
Scholarships Granted & Fundraising	\$2,035.62
<i>District Activities Expenses</i>	<i>\$31,113.59</i>

#### District Operations

Board/Director Expenses	\$7,847.95
Administrative Office Expenses	\$138,139.92
(Pro-rated charges to Programs)	-\$138,139.90
NRCS Clerical Support	\$30,246.81
Ag Conservation Technician	\$67,154.93
Bay/Ag Program	\$405,780.35
Nutrient Management Delegation	\$339,448.25
Ag Compliance/Biosolids Program	\$19,187.61
Environmental Education Program	\$72,533.71
Watershed Specialist Contract	\$76,113.98
Ombudsman Program	\$72,507.64
Plain Sect Outreach	\$77,515.68
Administrative Program Expenses	\$162,020.29
E & S Delegations	\$317,313.49
<i>District Operations Expenses</i>	<i>\$1,647,670.71</i>

#### Grants

<i>Grant Expenses</i>	<i>\$454,266.08</i>
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### TOTAL EXPENSES

\$2,133,050.38

**The mission** of the Lancaster County Conservation District is to promote **stewardship** of the land, water, and other natural resources; to make all citizens **aware** of the interrelationships between human activities and the natural environment; to provide **assistance** for current efforts in natural resource conservation; and to develop and implement **programs** which promote the stewardship of natural resources; while enlisting and coordinating help from public and private sources in accomplishing this mission.





**Lancaster County Conservation District**

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