

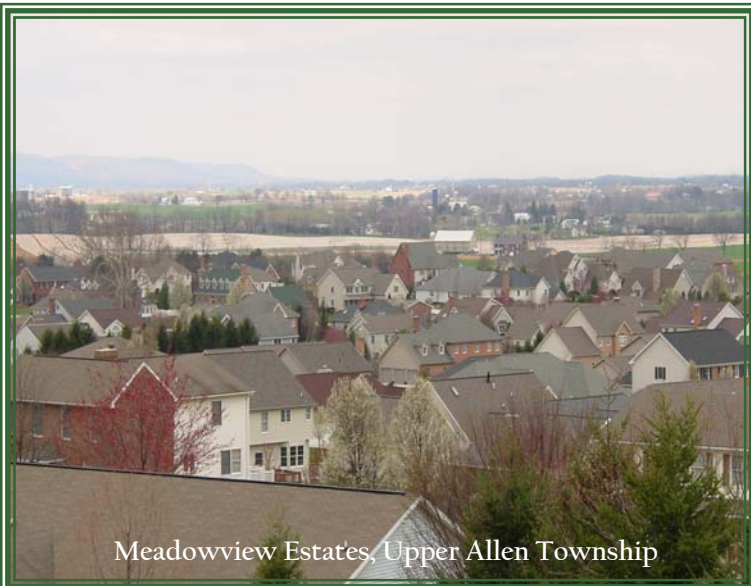


Big Spring Creek, Newville



Penny Supply Quarry, Silver Spring Township

Cumberland County Conservation District 2006 Annual Report



Meadowview Estates, Upper Allen Township



Strip Crops at Base of Waggoner's Gap, Lower Frankford Township

Cumberland County Conservation District

Regular Meeting Date—4th Tuesday

310 Allen Road, Suite 301 ❖ Carlisle, PA 17013-9172

Phone: 717-240-7812 ❖ Fax: 717-240-7813 ❖ Web Address: www.cumberlandcd.com

DIRECTORS

Public	<p>Wilbur Wolf, Chairman 833 Mt. Rock Road Carlisle, PA 17013 717-776-5915 email: wewjr@epix.net 12/31/07</p>
Farmer	<p>Daniel Mains, Vice Chairman 3287 Ritner Hwy Newville, PA 17241 717-776-0013 email: mainsdairy@pa.net 12/31/08</p>
Comm	<p>Richard L. Rovegno 1 Courthouse Square Carlisle, PA 17013 717-240-6150 email: rrovegno@ccpa.net 12/31/06</p>
Farmer	<p>Barbara Marbain 1022 Park Place Mechanicsburg, PA 17055 717-697-1864 email: barbmarbain@pa.net 12/31/06</p>
Farmer	<p>Donald Deckman 1101 Park Place Mechanicsburg, PA 17055 717-776-4966 12/31/07</p>
Farmer	<p>Todd Chestnut 50 Eberly Road Newville, PA 17241 717-423-5794 12/31/09</p>
Public	<p>Michael Ward 22 Royal Drive Carlisle, PA 17013 717-243-6204 email: Michael.c.ward@us.army.mil 12/31/09</p>

ASSOCIATE DIRECTORS

<p>John K. Bixler III 15 State Avenue, Suite 203 Carlisle, PA 17013 717-258-5584, Fax: 717-258-4951 email: jkbixler3plsspc@aol.com</p>
<p>Allan Williams 2155 Ritner Hwy Shippensburg, PA 17257 717-776-7179, Fax: 717-776-0076 email: fieldpine@aol.com</p>
<p>Dennis Garman 575 McClures Gap Road Carlisle, PA 17013 717-243-3265 email: garfam@pa.net</p>
<p>Alvin Myers 1421 Holly Pike Carlisle, PA 17013 717-258-4817 email: myers30am@aol.com</p>

STAFF

District Manager	Carl Goshorn	717-240-7812 x5355 office 717-249-6684 home	cgoshorn@ccpa.net
District Technician/E&S	Brian Jaymes	717-240-7812 x5358	bjaymes@ccpa.net
District Technician/E&S	Kim Falvey	717-240-7812 x5359	kfalvey@ccpa.net
Watershed Specialist	Vincent McCollum	717-249-1037 x111	vmccollum@ccpa.net
Bay Technician	Pam Eyer	717-240-7812 x5357	peyer@ccpa.net
Regional Ag. Eng. Spec.	Michael Lubinsky	717-240-7812 x5356	mlubinsky@ccpa.net
Nutrient Mgt Spec.	Amy Skvarka	717-240-7812 x5360	askvarka@ccpa.net
District Secretary	Brenda Sheaffer	717-240-7812	bsheaffer@ccpa.net



Back: Brian Jaymes, Mike Lubinsky, Vince McCollum, Carl Goshorn
Front: Kim Falvey, Amy Skvarka, Brenda Sheaffer, Pam Eyer

2007 Calendar of Events

January:

- 1 New Years Day—Office Closed
- 10 Water Testing—District Office
- 15 Martin Luther King Day—Office Closed
- 17-19 PACD Winter Meeting—State College
- 23 Cooperating Agency Luncheon/Board Meeting—Eckels Drugstore

February:

- 14 Water Testing—District Office
- 19 President's Day—Office Closed
- 27 Board Meeting—District Office 6:00 pm

March:

- 12 Capitol Day—Crowne Plaze Hotel—Harrisburg
- 14 Water Testing—District Office
- 14 Mortality Composting Meeting—Chambersburg
- 21 E&S Workshop for Contractors & Engineers—Shippensburg
- 26 PACD Regional Directors Meeting—Adams County
- 27 Board Meeting—District Office 6:00 pm
- 30 Deadline for Tree Seedling Orders
- 30 Poster Contest Deadline

April:

- 4 Farmer Field Day
- 6 Friday before Easter—Office Closed
- 11 Water Testing—District Office
- 20 Tree Seedling Bundling & Distribution
- 24 Board Meeting—District Office 7:30 pm

May:

- 1 County Envirothon—Pine Grove Furnace State Park
- 9 Water Testing—District Office
- 21&22 PA State Envirothon—Penn State
- 22 Board Meeting—District Office 7:30 pm
- 28 Memorial Day —Office Closed

June:

- 13 Water Testing—District Office
- 21 Manned District Display at Mechanicsburg Jubilee Day
- 26 Board Meeting—District Office 7:30 pm

July:

- 4 Independence Day—Office Closed
- 11 Water Testing—District Office
- 15-18 PACD Conference—Hilton Scranton & Conference Center
- 24 Board Meeting—District Office 7:30 pm
- 22-28 Manned District Display at Shippensburg Fair

August:

- 8 Water Testing—District Office
- 8-11 Cumberland County Ag Expo
- 28 Board Meeting/District Picnic—6:00 pm, Location: TBA

September:

- 3 Labor Day—Office Closed
- 10-12 Annual Dirt & Gravel Road Conference
- 12 Water Testing—District Office
- 25 Board Meeting—District Office 6:00 pm
- 28 Annual Conservation District Golf Tournament—Mayapple Golf Links

October:

- 10 Water Testing—District Office
- 23 Board Meeting—District Office 6:00 pm

November:

- 10 Veteran's Day—Office Closed
- 14 Water Testing—District Office
- 22 Thanksgiving Day—Office Closed
- 23 Day after Thanksgiving—Office Closed
- 27 Board Meeting—District Office 6:00 pm

December:

- 12 Water Testing—District Office
- 18 Board Meeting—District Office 8:00 am
- 24 Christmas Holiday—Office Closed
- 25 Christmas Holiday—Office Closed

2006 EROSION AND SEDIMENTATION CONTROL PROGRAM

The priority of the erosion and sedimentation pollution control program is the protection of water resources from the impacts of accelerated erosion and the sedimentation that results during an earth moving activity. The District wants to ensure that the soil and water resources of Cumberland County are used wisely. As the county continues to grow, it becomes increasingly important to make sure that resources are protected according to regulations. We continue to work with the regulated community to be sure that they are up to date with the most current regulations and methods of construction. The District has been given the authority to administer the erosion and sedimentation control and the National Pollutant Discharge Elimination System (NPDES) programs by the Department of Environmental Protection (DEP) to achieve this goal. Through a delegation agreement with DEP, the District has been authorized to:

RESPOND TO COMPLAINTS - The District receives complaints from the public and municipal officials. When a complaint is received in the office, the District will conduct a field evaluation and follow-up with the appropriate actions or referral. There were 55 complaints investigated by the District staff in 2006.



REVIEW EROSION AND SEDIMENTATION CONTROL PLANS

- The District reviews the plans to ensure adequacy with current regulations. Chapter 102 requires that all earthmoving activities over 5,000 square feet develop an erosion control plan. The design of the plan must minimize accelerated erosion and resulting sedimentation to waters of the Commonwealth. A total of 152 new plans proposing to disturb more than 2200 acres were reviewed in 2006.

INSPECT EARTHMOVING SITES - The District has technicians who are authorized to perform inspections of earthmoving sites to determine compliance with Chapter 102 Regulations. These technicians meet with contractors at the site of the disturbance to go over the plan. They will

walk the site to determine if the plan is being implemented and best management practices (BMPs) are properly installed and maintained. At the conclusion of the inspection, an Earth Disturbance Inspection Report is completed by the technician. A statement of site conditions and any violations of Chapter 102 regulations and the Clean Streams Law are noted. The technicians then complete follow up inspections to determine if past violations have been corrected. 489 inspections were performed in 2006.



ADMINISTER THE NPDES PROGRAM - This federal program requires general or individual permits to allow the discharge of stormwater from construction sites for any earthmoving activity disturbing greater than five acres of land over the life of the project. Sites disturbing between one and five acres with a point source discharge to surface waters of the Commonwealth must obtain coverage. The District processed 56 General and 11 Individual (projects located in a special protection watershed) permits in 2006.

EDUCATE THE PUBLIC - The District provides the public with information on the most current regulations and methods of construction. Three training/education sessions attended by more than 200 people were held in 2006.

ENFORCE CHAPTER 102 RULES AND REGULATIONS

Under the Clean Streams Law and the District's Level III delegation agreement with DEP, the District has the authority to impose penalties for past violations where voluntary compliance can not be achieved. The District's main goal is to work with developers and contractors to achieve voluntary compliance. When this is not possible, a Notice of Violation (NOV) is sent to the responsible individual. The District will then conduct an administrative enforcement conference. After reviewing all the facts the District may determine that penalties are warranted. The penalty money is forwarded to DEP and deposited in the state's Clean Water Fund. Action was taken against three sites in 2006.

DIRT & GRAVEL ROADS PROGRAM

Under the state's Dirt & Gravel Roads Program, which is delegated through the Cumberland County Conservation District, two projects were completed in calendar year 2006. Upper Frankford Township replaced two culverts located on Gomer Road, which is located next to the township building (see attached photos). Penn Township also stabilized 32,000 square feet of Peach Orchard Road with program approved driving surface aggregate. Both projects will help to provide natural resource benefits while also providing safer roads for the citizens of Cumberland County.



Before

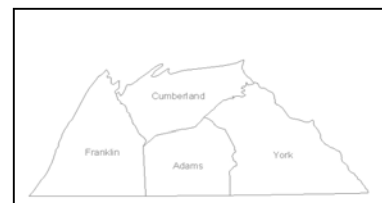


After

2006 Annual Chesapeake Bay Engineering Activity

Michael Lubinsky E.I.T, Regional Agricultural Engineering Specialist

Best Management Practices Designed During 2006



NAME	COUNTY	DESIGN APPROVED	PROJECT COMPLETED	BMP's
Dale Byers	Adams	6/16/05	January 2006	Heavy Use Area Protection, Waste Water Treatment, Underground Outlets
Clowney Brothers	Adams	N/A	March 2006	Waste Storage Structures, Heavy Use Area Protection, Subsurface Drainage
Dennis Dennis	Cumberland	3/6/06	June 2006	Heavy Use Area Protection, Waste Water Treatment, Roof Runoff Management
Todd Chestnut	Cumberland	3/15/06		Waste Storage Structure
Carl Keller	Adams	5/25/06	August 2006	Waterway, Underground Outlet, Subsurface Drainage
Mtn. Ridge Orchards	Adams	N/A	May 2006	AgriChemical Handling Facility
Bobby Rohrbaugh	Adams	6/1/06	June 2006	Heavy Use Area Protection
Fred Schisler	Adams	N/A	June 2006	Waste Storage Structure, Waste Water Treatment, Heavy Use Area Protection
Rose Weaver	Adams	8/2/05	June 2006	Roof Runoff Structure, Heavy Use Area Protection, Waste Water Treatment
Lynn Eberly	Franklin	11/10/05	June 2006	Waste Storage Structure, Waste Transfer System
Aaron Fisher	Adams	N/A	July 2006	Waste Storage Structure, Waste Transfer System
Dave Reinecker	Adams	8/8/06		Roof Structure, Heavy Use Area Protection, Roof Runoff Management
Craig Yingling	Adams	8/16/06		Heavy Use Area Protection, Waste Water Treatment, Underground Outlets
Keith Jones	Cumberland	8/23/06		Roof Structure, Heavy Use Area Protection, Roof Runoff Management
Dave Druck	York	9/18/06	December 2006	Waste Storage Structure
HBR Partnership	Adams	N/A	October 2006	Terraces
Kevin Diehl	Adams	11/06	December 2006	Stream Access/Crossing
Bear Mtn. Orchards	Adams	N/A	November 2006	AgriChemical Handling Facility
Weikert Livestock	Adams	N/A	November 2006	Heavy Use Area Protection, Waste Water Treatment, Underground Outlets
Cedar Hill Farms	York	12/12/06		Heavy Use Area Protection, Waste Water Treatment, Underground Outlets
Rob LeFever	Adams	N/A	December 2006	Heavy Use Area Protection, Waste Water Treatment, Underground Outlets
Mains Dairy	Cumberland	12/19/06	January 2007	Waste Storage Structure

2006 CHESAPEAKE BAY ACCOMPLISHMENTS

A new Chesapeake Bay Technician was hired in 2006 to serve Cumberland County. Pam Eyer started her position in August of 2006.

The first Winter Cover Crop Incentive Program for the Cumberland County Conservation District Chesapeake Bay Program was implemented in the Fall of 2006. Cost incentive payments are made to producers who participate in the two year program. Producers signed up a maximum of 50 acres of their silage corn fields, on which a winter cover crop was planted. Twenty eight (28) producers in Cumberland County signed up a total of 1,082 acres to be planted with a winter cover crop.

A Chlorophyll Meter was purchased in 2006 by the Conservation District. The meter is used to test nitrogen levels in corn leaves when they are at the 6 – 8 leaf stage. By testing actual levels of nitrogen in the corn plant, over-application of nitrogen, a leading source of compromised water quality, can be avoided.



NUTRIENT MANAGEMENT ACTIVITIES 2006



Sprinkler system installed at the farm of Charles Carothers III to handle barnyard runoff.

2006 was an eventful year for the Pennsylvania Nutrient Management Act. Major changes to the Nutrient Management Program went into effect on October 1, 2006. These are the first significant changes since the Pennsylvania Nutrient Management Act of 1993 became effective in 1997. These changes aim to strengthen the nutrient management program and water quality protection throughout the Commonwealth.

Cumberland County continues to play an active role in encouraging farmers to obtain and implement a nutrient management plan. Since 1997 when the Nutrient Management Rules and Regulations were implemented. We have approved 87 nutrient management plans (16 are CAOs and 71 were volunteers). In 2006 we approved 2 nutrient management plans.

Pre-Sidedress Nitrogen Testing (PSNT)

The Cumberland County Conservation District continues to offer the Pre-Sidedress Nitrogen Testing (PSNT) on corn to local farmers. This is a free service that the conservation district has offered for 7 years. An intern from Dickinson College was hired in 2006 to help gather and run the soil tests. In 2006 there were 90 fields tested on 18 different operations, 32 fields had a nitrogen recommendation and 58 fields did not have a nitrogen recommendation. This program will be offered again in 2007.

Project Grass

Project Grass is a cooperative effort by local farmers, county conservation districts and other partners with assistance from the United States Department of Agriculture agencies to promote grazing in Pennsylvania. In 2006 we continued to implement best management practices associated with grazing on Cumberland County farms. In 2006 we installed interior and exterior fencing, designed a cattle walkway, and installed a stream crossing on three beef operations, we also conducted soil tests and seeding on a horse operation. In addition to the implementation of these practices, staff from the Cumberland County Conservation District served on the South Central Regional Project Grass Executive Committee.

Outreach and Education Activities

The Cumberland County Conservation District continues to educate and promote the Nutrient Management Rules and Regulations and the benefits of nutrient management planning to area producers. In 2006 the Cumberland County Conservation District was represented at these local agricultural events:

- Witmers Implement Service's open house
- Cumberland Valley Cooperative's winter meeting
- Growmark FS Crop Meeting

In addition to meeting producers at these meetings we also had one on one contact with 154 producers and wrote 5 conservation plans.

WATERSHED PROGRAM

This past year the Conservation District received several grants to improve the watersheds of Cumberland County. The first grant was to implement a rain barrel program for County residents. The program entails selling rain barrels made by Cumberland Valley High School students using reusable food grade barrels and distributing water resources information packets. The next grant involves developing a Watershed Implementation Plan for Middle Spring Creek, near Shippensburg. This project will enable the District to secure Federal funding for agricultural projects in the future. Lastly, the Conservation District received two grants from DEP to develop a nutrient trading program in Cumberland County.

PA Cleanways of Cumberland County performed two illegal dump cleanups in South Middleton Township, one in April and the other in October. The group continues to clean up illegal dumpsites identified by the Cumberland County Illegal Dump Survey that was completed by PA Cleanways in 2005. In addition to organizing illegal dump cleanups, PA Cleanways of Cumberland County attended Jubilee Day in Mechanicsburg to promote the success of their efforts in Cumberland County and educate the public about illegal dumping and recycling.

MIDDLE SPRING WATERSHED ASSOCIATION - IN THE SPOTLIGHT

The Middle Spring Watershed Association (MSWA) has conducted numerous activities since their official incorporation in January of 2006. Some of these activities have included meeting with both the Franklin and Cumberland County Conservation Districts to establish a partnership for the preservation and protection of the Middle Spring Creek. In April of 2006 the MSWA participated in its 1st Annual MSWA Stream-side Clean-Up Event. This was held in conjunction with Governor Rendell's Clean-Up PA campaign. Over 30 bags of trash were collected from the banks of the Middle Spring Creek by members of MSWA. In another effort, MSWA planted over 50 trees that were donated by the Cumberland County Conservation District to assist with their re-forestation efforts. Members of MSWA attended seminars and welcomed experienced conservationists to educate the MSWA about future projects to help restore and protect the Middle Spring Creek. MSWA enlisted the support of a local university's biology department to begin the process of assessing the current condition of the Middle Spring Creek. MSWA constructed a booth at the local fair that highlighted MSWA's mission, while providing educational information about ways to improve and protect the environment. MSWA held its 1st Annual Streamside Awareness Event in October of 2006. Educational information about a healthy versus an unhealthy stream was made available along with other stream related topics. Other activities included a stream stroll, nature art activity and an aquarium talk during this event. Recently, a Paleo-Indian artifact that was discovered in the Middle Spring Creek was examined and documented by members of the Pennsylvania Bureau of Historic Preservation.



Stream-side Cleanup Event - (April 2006) - Members of MSWA and the trash that they collected along the banks of the Middle Spring Creek

The MSWA continues to evolve in its efforts to act as steward for the protection and restoration of the Middle Spring Creek. In order to continue to grow it will be necessary to create educational informational about MSWA's mission and goals. This will be accomplished by developing educational literature such as brochures, pamphlets and a newsletter. In addition, an educational video will be made about protecting and restoring the Middle Spring Creek. MSWA also plans the establishment of a website in order to have a broader reach and accessibility to the community at large. Based on the success of last year's events, MSWA plans to repeat these on an annual basis. In addition, numerous new activities are being planned that will help to restore the Middle Spring Creek. MSWA is also planning a more thorough assessment and monitoring of the Middle Spring Creek.

For more information about the Middle Spring Watershed Association, please contact the Conservation District.

2006 TREE SEEDLING SALE FINICIAL REPORT

PDA (Nursery Dealer Certification)	\$40.00
Rowe's Print Shop	\$272.00
USPS	\$269.80
Dutch Mill Bulbs Inc.	\$460.00
The Patriot News (advertisement)	\$52.36
Ernst Conservation Seeds, LLP	\$242.04
Strathmeyer Forests, Inc.	\$2,591.00
Carino Nurseries	\$627.00
Edgar Wright	\$771.25
Treessentials	\$2,729.02
Kruger's Rental Service	\$194.98
Warren County Nursery, Inc.	\$1,083.67
Scott Brothers Nursery	\$1,364.21
Musser Forests	\$578.10
Pikes Peak Nursery	\$1,717.00
Adams County Nursery	\$3,587.88
Michael Payer	\$115.00
The Sentinel (advertisement)	\$48.92
PA Department of Revenue	\$1,414.15

Expenses

ITEM	NUMBER SOLD
Acorns	36 pounds
Apple Trees	450 trees (150 packs)
Blue Spruce	2,100 seedlings
Concolor Fir	1,650 seedlings
Douglas Fir	3,200 seedlings
Myrtle	9,500 clumps
Red Maple	850 seedlings
Red Oak	1,550 seedlings
Serviceberry	1,300 seedlings
White Oak	1,250 seedlings
White Pine	3,500 seedlings
Wood Stakes	1,200
Tree Shelters	1,500

Revenue	\$24,983.30
Expenses	\$18,158.38
Profit	\$6,824.92



Staff, directors and students bundling seedlings before sale.

4th ANNUAL CUMBERLAND COUNTY CONSERVATION DISTRICT GOLF TOURNAMENT



Wes Madden, Josh Petty, Paul Wilson, and Craig Wilson (l to r) enjoying the 4th Annual Tournament.

The 4th Annual Cumberland County Conservation District Golf Tournament was held at Mayapple Golf Links on October 4, 2006. There were 75 participants that enjoyed the warm Fall afternoon. The team of Dirk Madison, Vic Madison, Ron Madison, and Tony Grimes posted a 14 under par 56 to take top honors. Congratulations!

We would also like to thank Mayapple Golf Links for their help in making the day a success. The participants enjoyed a terrific steak and chicken dinner following the day on the course. Prizes were given to all participants and to the three low scores and skill holes winners which also received a special gift. We must also thank all of the participants who made the day complete. Thanks to all and see you next year!

The Conservation District would like to thank the following businesses for their generous donations:

<i>Mayapple Golf Links</i>	<i>Land O'Lakes</i>	<i>The Sand Trap</i>
<i>Shearer Advertising</i>	<i>Walmart</i>	<i>Market Cross Pub</i>
<i>Carlisle Beverage</i>	<i>Staple's</i>	<i>Applebee's</i>
<i>Liberty Forge</i>	<i>Lowe's</i>	<i>Circuit City</i>
<i>John Gleim Jr. Excavating</i>	<i>Dick's Sporting Goods</i>	

The Cumberland County also would like to thank our hole sponsors. Our day would not have been such a success without their generous sponsorships.

All proceeds from the event benefit environmental education efforts in Cumberland County.



Madden Engineering Services,
Inc.
Carlisle, PA
717-243-9970



CONSERVATION AWARDS PRESENTED FOR 2006

The Cumberland County Conservation District presented their conservation awards for 2006 at their annual picnic this fall at the South Middleton Park.

Conservation Organization of the Year PA Cleanways of Cumberland County

Formed in 2001, PA Cleanways of Cumberland County (PACWCC) has been improving the condition of the watersheds of Cumberland County since their inception. The organization attends local public events promoting recycling, educating about illegal dumping, and empowering people in their communities to make a difference. PACWCC organizes two illegal dump cleanups per year throughout Cumberland County removing and properly disposing of tons of illegally dumped trash. Additionally, the group recycles the scrap metal, aluminum, plastic, tires and other materials that it gathers during their cleanup events. PACWCC does local fundraising to pay for their cleanups and seeks local businesses for donations of items needed for the cleanups. In 2005, PACWCC in cooperation with PACW home office in Greensburg, completed an illegal dump survey of Cumberland County. This dump survey is used as a planning tool for future cleanups the group organizes.



Pictured from left to right is Wilbur Wolf District Board Chairman. Cleanways members, Darwin Hollinger, Diane Hollinger, Sylvia Hardman, John Clarke, Muriel Bronakoski, Vince McCollum, Robin Suter, Mike Onofrey and Carl Goshorn, Conservation District Manager.



Pictured from left to right is District Chairman, Wilbur Wolf, Barry Garman, Denny Garman and Carl Goshorn, District Manager.

Farmer of the Year Garman Farms

The Garman Family owns and operates Garman Farms, a dairy operation located in North Middleton Township along McClures Gap Road. The farm is home to approximately 180 milking and dry cows, 130 heifers, and steers. They also raise swine and poultry for personal use and freezer sales. In addition they also raise boer (meat) goats for 4-H sales. The Garman's grow corn, alfalfa, small grains, grass hay and soybeans on approximately 1,000 acres. They have participated in various programs offered by the Cumberland County Conservation District, NRCS and FSA. They have received cost share funds through EQIP and the Nutrient Management Grant Program to upgrade their manure handling system. They have enrolled acreage in the CREP program, and land enrolled in the Cumberland County Ag Land Preservation Program, with applications for additional acreage on file with the Ag Land Preservation Office. The Garmans have an Act 6 Approved Nutrient Management Plan on file with the Cumberland County Conservation District and updated conservation plans for all the cropped acres.

Conservation Organization Of The Year Dawood Associates, Inc.

The Cumberland County Conservation District is pleased to announce Dawood Associates, Inc., for the 2006 Conservation Organization of the Year Award. Dawood Associates Inc. has several offices with its headquarters in Enola, PA. They are a multi-disciplinary firm which offers a full range of engineering, planning and surveying services for both the private sector and municipal clients. They have a staff of highly qualified and trained individuals that assures prompt, accurate results through a comprehensive approach to each project.

Their work with the District is in the design of Erosion Control and Post Construction Stormwater Management Plans. They have submitted numerous plans over the years to the District. Each plan carefully addresses the Erosion Control Best Management Practices that protect and preserve the natural resources of our county. The plans are consistent with regulations and the District usually has few comments that need to be addressed. Dawood Associates is always willing to work with District to see that our concerns are adequately addressed. The District looks forward to continue working with Dawood Associates in the future to protect the natural resources of Cumberland County and Pennsylvania.



Pictured from left to right is Wilbur Wolf, District Chairman, Paul Wilson and Bony Dawood of Dawood Associates, Inc., and Carl Goshorn, District Manager.

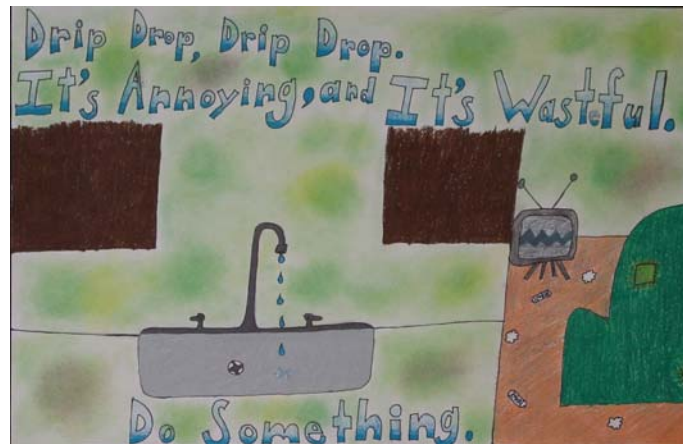
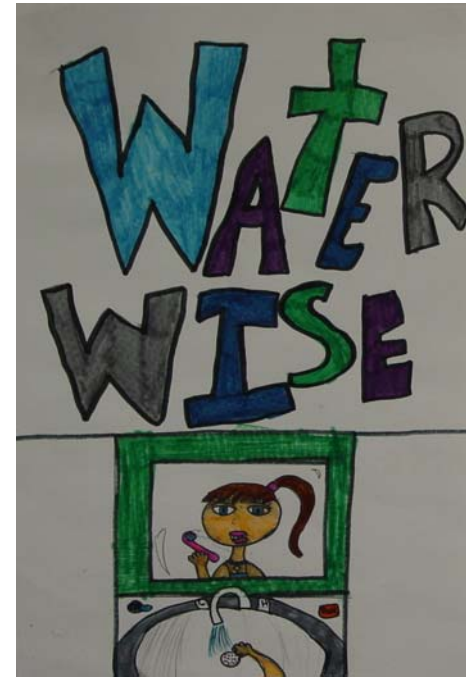


2006 POSTER CONTEST

The Cumberland County Conservation District held their annual poster contest for area schools in the spring. A total of 42 posters were submitted for the contest. The judging is categorized into five divisions, one of which received posters for competition. The theme for the 2006 contest was "Water Wise".

4th – 6th GRADE:

- 1st Place: McKenna Cole (Lemoyne Middle School)
 2nd Place: Dominic Albano (Rossmoyne Elementary School)
 3rd Place: Julia Ziegler (Rossmoyne Elementary School)



CONSERVATION DISTRICT PRESENTS SCHOLARSHIPS

The Cumberland County Conservation District provided three \$500.00 college scholarships to local students majoring in an environmental or natural resources related field. District Manager Carl Goshorn presented checks to the following students: Joshua McCulloch of Newville attending Delaware Valley College in Ornamental Horticulture, Aaron Covalt of Newville attending Penn State in Wildlife and Fisheries Science and Christopher Ilgenfritz of Carlisle attending Shippensburg University in Ecology and Environmental Science. Scholarship funding was made available through profits from the Conservation District golf tournament held at Mayapple Golf Course.

ANNUAL ENVIROTHON

MECHANICSBURG, PA – Students from seven area high schools competed in the annual Cumberland County Envirothon on Tuesday, May 2, at Mechanicsburg Sportsmen’s Association, Silver Spring Township. The top three overall scores were The Bundle of Sticks from Cumberland Valley High School in first place, The Droptine Dreamers from Carlisle Area High School in second place, and The Swamp Monsters! from Carlisle Area High School in third place. The Bundle of Sticks team represented Cumberland County at the 2006 Pennsylvania Envirothon at Penn State Mont Alto Campus in Franklin County on May 22nd and 23rd. The team finished in 37th place at the station testing part of the competition out of 64 teams. In the oral component part of the competition, the Bundle of Sticks finished 48th out of the same amount of teams.

The annual Cumberland County Envirothon, presented by the Cumberland County Conservation District, gives high school students hands-on field experience dealing with environmental issues. Students complete five exams that present problems focusing on wildlife, aquatics, forestry, soils and a current issue; this year’s issue was “water stewardship in a changing climate”. Seven schools totaling 26 teams consisting of 104 students participated. Mechanicsburg Sportsmen’s Association prepared a snack and lunch for the event and all participants and advisors received a Cumberland County Envirothon t-shirt.

Additionally, the Conservation District received financial support from the following local businesses, which helped to provide lunch, trophies and t-shirts for the event.



Pictured is the winning team of the 2006 Cumberland County Envirothon, held at Mechanicsburg Sportsmen’s Association. They are from left to right, Lindsey Leonard, Andy Welte, Kisha Flawd, John Ballou, and Tasha Bretz.

2006 Contributors

Alpha Consulting Engineers, Inc
 Michael C. D’Angelo, PLS
 H. Edward Black & Associates
 Diffenbaugh Surveying
 Evans Engineering, Inc
 Gannett Fleming, Inc
 John W. Gleim Jr., Inc
 The Homestead Group, Inc
 Hoover Engineering Services, Inc

Liberty Excavators, Inc
 Lobar, Inc
 McCoy Bros., Inc
 Melham Associates P.C.
 Pennoni Associates, Inc
 Rettew Associates, Inc
 Snoke’s Excavating & Paving, Inc
 Triple Crown Corp
 Yingst Homes, Inc

2006 WATER TESTING PROGRAM

The Cumberland County Conservation District continued to serve the citizens of the County through the monthly water testing program. Through this program, water can be tested for a variety of contaminants such as coliform bacteria, e.coli, nitrates, lead, iron, sodium, etc. In 2006, nearly 200 tests were processed by the District for a minimal fee and sent to Analytical Labs, Middletown, PA for analysis. There was a downward trend in the number of samples testing positive in 2006.

The results from the 2006 water testing program are as follows.

TEST	TOTAL TESTS	# TESTING POSITIVE	% TESTING POSITIVE	TREND FROM LAST YEAR	MAX CONTAMINANT LEVEL
TOTAL COLIFORM	90	33	36.7%	Down	0 Colonies
E. COLI.	53	4	7.5%	Down	Negative
NITRATE	22	2	9.1%	Down	10 mg/L
LEAD	9	0	0.0%	Down	0.015 mg/L
IRON	7	1	14.3%	Down	0.3 mg/L
SULFATE	7	0	0.0%	Same	250 mg/L
pH	4	2	50.0%	Up	6.5-8.5
SODIUM	1	0	0.0%		No Standard
HARDNESS	4				No Standard
YEARLY TOTAL	197	42			

Percent of coliform bacteria tests with positive results.

