



2017 Annual Report

About Us...

2017 Directors

Michael Hubler
Chairman, Public Director
Since 2016

Leon Wertz
Vice-Chairman, Farmer Director
Since 2000

Richard Shoch
Commissioner Director
Since 2012

Richard Daniels
Farmer Director
Since 2012

John Kopp
Farmer Director
Since 2004

Dave Crowl
Chairman, Public Director
Since 2006

Gary Truckenmiller
Farmer Director
Since 2013

Staff

Judy Becker
District Manager

Shirley Snyder
Administrative Assistant

Jaci Harner
Watershed Specialist

Michael McCleary
Erosion and Sediment
Technician

Ryan Cherwinski
Agricultural Conservation
Technician

Corey Bower
Mosquito-borne Disease
Control Coordinator

Chantel Shambach
Mosquito-borne Disease
Control Technician

2017 Associate Directors

Dave Swank
Since 1976

Dr. Blair Carbaugh
Former NCCD Board Member
Since 2006

Albert Mabus
Former NCCD Board Member
Since 2008

Ted Carodiskey
Little Shamokin Creek Watershed
Association, Secretary
Since 2010

John Pfleegor
Former NCCD Board Member
Since 2013

Michael Erdley
Former NCCD Board Member
Since 2016

Lynn Wilson
Since 2017



Left to right: Dave Crowl, Leon Wertz, Gary Truckenmiller, Richard Daniels, Michael Hubler, John Kopp, Richard Shoch

EROSION AND SEDIMENTATION CONTROL PROGRAM

The NCCD administers the Chapter 102 Erosion Control program through a signed delegation agreement with the Department of Environmental Protection (DEP). Under Chapter 102 delegation, NCCD conducts the following program responsibilities: community outreach, permit application receipt & review, permit approval or denial, consultation, site monitoring and final inspection upon project completion. These functions require coordination with DEP, the applicants and their consultants and municipal officials.

NPDES Permit Applications:

Approved - 14
Major Modifications - 0
Renewals - 1
Withdrawn by Applicant - 0
Under review at end of year - 2

E&S Plan Submittals:

Approved - 26
Courtesy Copies on File - 12
Waiver Letters Sent - 5

Complaints Investigated: 10

Site Visits: 97

Consultations: 372

Multi County Projects:

- * UGI Sunbury 20" diameter gas pipeline
- * Atlantic Sunrise/Transco 42" diameter gas pipeline
- * Central Susquehanna Thruway
- * PPL Richfield to Dalmatia transmission line

DAM SAFETY AND WATERWAY MANAGEMENT

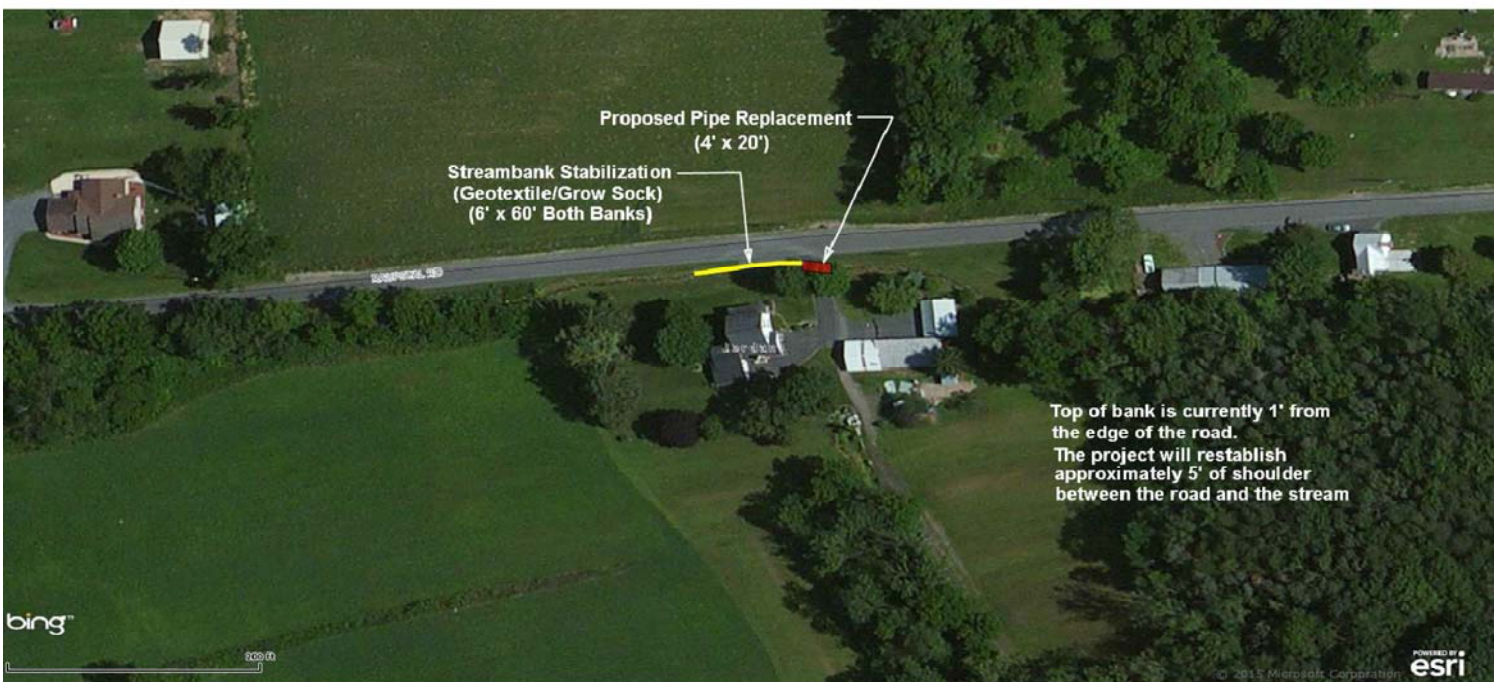
In 2017 under a Delegation of Authority Agreement with DEP pursuant to PA Code Title 25 Chapter 105 (Dam Safety and Waterway Management), the E&S Technician has processed and acknowledged registrations to use the following 35 General Permits:

- 3 – GP 01 – Fish Habitat Enhancement Structures
- 2 – GP 02 – Small Docks and Boat Launching Ramps
- 6 – GP 03 – Bank Rehabilitation, Bank Protection and Gravel Bar Removal
- 0 – GP 04 – Intake and Outfall Structures
- 6 – GP 05 – Utility Line Stream Crossings
- 1 – GP 06 – Agricultural Crossings and Ramps
- 15 – GP 07 – Minor Road Crossings
- 2 – GP 08 – Temporary Road Crossings
- 0 – GP 06 – Agricultural Activities

DIRT AND GRAVEL/LOW VOLUME ROADS

The E&S Technician is also responsible for managing the Dirt, Gravel and Low Volume Paved Roads Program for the Northumberland County Conservation District. In this capacity he has received confirmation of receipt of the District's 2016-2017 allocation of funds and sent advertisements to all eligible entities within the county to submit applications for projects. Six townships submitted ten projects requesting a total of \$565,705.40 in grant funds. Three townships were awarded funding for five projects. Total grant funding awarded was \$244,550.00. The townships provided \$61,052.52 in-kind contributions.

Feature Project: Raupstal Road, Jordan Township (Low Volume Roads Project) **Raupstal Road/Streambank Project**



Before



After



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DIRT AND GRAVEL/LOW VOLUME ROADS, cont.

Before



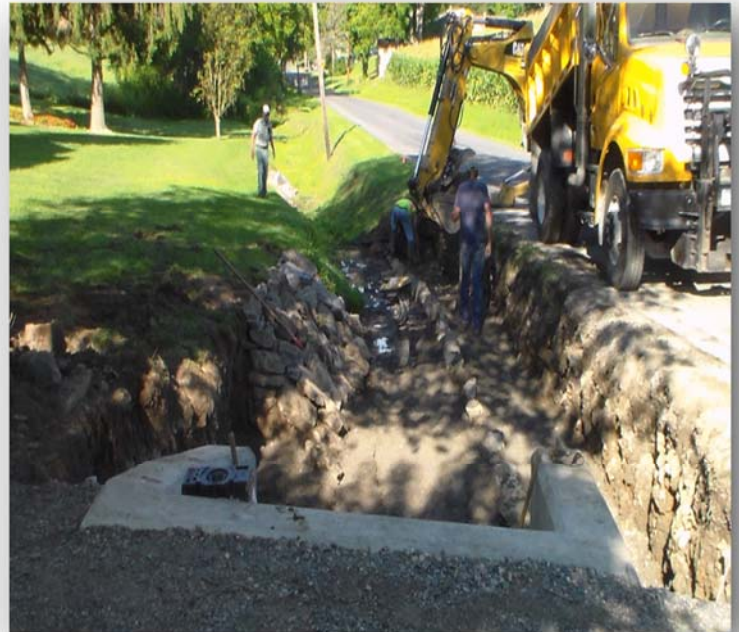
After



CHANNEL WALL

Culvert demolished and rebuilt

Stone footer placed and dirt fill added and compacted



NCCD Quality Assurance Board

Michael McCleary (NCCD)
Michael Erdley (NCCD)
Janette Leshar (NRCS)

Jacob Bennett (Fish and Boat Commission)
Ted Carodiskey (NCCD/Advisory, non-voting)
Judy Becker (NCCD/Advisory, non-voting)

NUTRIENT MANAGEMENT

NCCD, under a delegation agreement with the State Conservation Commission, administers the Pennsylvania Nutrient Management Program, Act 38 (formerly Act 6 of 1993), in Northumberland County.

Under Act 38, Concentrated Animal Operations (CAOs) are required to develop and implement a Nutrient Management Plan. CAOs are defined as agricultural operations where the animal density exceeds 2 animal equivalent units (AEUs) per acre of land suitable for manure application on an annualized basis. An AEU is defined as 1,000 pounds of live animal weight and includes all livestock, whether for production, transportation, or recreation. Land suitable for manure application includes cropland, hayland, or pastureland (owned or rented) that is, or will be, available for the application of manure from the operation. Farmstead and forestland cannot be included in the acres suitable for manure application. Agricultural operations having less than 8 animal equivalent units are not classified as CAOs, regardless of animal density.

Currently, there are 12 CAOs, 8 CAFOs, and 3 VAOs in Northumberland County. During 2017, NCCD approved 10 nutrient management plans and completed 17 on-site status reviews.

In addition to Act 38 plans, the Agricultural Conservation Technician also completed 45 manure management plans (3 workshops were held), 41 agricultural erosion and sedimentation plans, and assisted 3 farmers with REAP applications.

AGRICULTURAL LAND PRESERVATION

The NCCD coordinates the activities involved in the Agriculture Land Preservation Program for the county on behalf of the Northumberland County Agricultural Land Preservation Board. Applications are received during open application rounds, which are advertised. .

Applications are ranked using a two-part Land Evaluation and Site Assessment (LESA). The LESA looks at the quality of soils/site assessment, and considers local factors that may have an impact on the current or future viability of a farm.

Once the farms are ranked and the funding is provided from the State and the County Commissioners, the land development rights are purchased from the highest-ranking farms. The total number of farm easements purchased to date in the county is 22, totaling 2,420 acres. One farm easement was approved in 2017 in Delaware Township. Currently there are 56 farms on a waiting list totaling 6,525 acres.

2017 Northumberland County Agricultural Land Preservation Board:

William Geise, Chairman	Richard Daniels, Vice-Chairman	Mary Crone, Secretary/Treasurer
Benny Snyder, Township	Donald Ferster, Contractor Director	Dave Becker, At-large Member
	Tom Boop, At-large Member	

WATERSHED PROTECTION

The Conservation District supports watershed association development and projects with organizational and technical assistance provided by the Watershed Specialist. Watershed Associations invite members of a community to work together to solve or repair complex issues within their waterways and watersheds. Currently there are six watershed associations in Northumberland County. They are:

- Shamokin Creek Restoration Alliance
- Little Shamokin Creek Watershed Association
- Chillisquaque Limestone Watershed Association
- Roaring Creek Valley Conservation Association
- Tri-Valley Watershed Association
- Mahanoy Creek Watershed Association

The following is a summary of tasks performed by our Watershed Specialist during 2017:

- Fish Habitat Structure Projects
 - L. Reitz site, Little Shamokin Creek:
 - *3 multi log vane deflectors, 8 single log vane deflectors
 - *5 log cross vanes, 1 double cross vane
 - *1 stabilized walkway, 1 stabilized livestock crossing
 - *Northcentral PA Conservancy (NPC) Partnership, using DEP Growing Greener (GG) funds
 - D. Werner site, Little Shamokin Creek:
 - *4 stone deflectors, 3 multi log vane deflectors
 - *NPC funded contractor and logs (GG funds) while property owner funded rock
 - F. Anonia site, Little Shamokin Creek:
 - *1 multi log vane deflector, 3 single log vane deflectors
 - *2 log cross vanes, 30' toe log
 - *NPC Partnership, using DEP GG funds
 - D. Reiner site, Schwaben Creek:
 - *9 stone deflectors, 120' modified mudsill crib
 - *30' toe log, 1 stabilized livestock crossing
 - *NPC Partnership, using DEP GG funds
 - C. Pardoe site, Chillisquaque Creek:
 - *12 multi log vane deflectors, 5 single log vane deflectors
 - *1 root wad deflector, 75' brush crib
 - *60' modified mudsill crib, NCCD project using GG funds

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WATERSHED PROTECTION, cont.

-Faus site (maintenance work), UNT to Susquehanna River:

*20' toe log, Stabilized livestock crossing

*NPC Partnership, using DEP GG fund

-Raker/Fasold site (maintenance work), UNT to Susquehanna River:

*3 log cross vanes, 1 single vane deflector

*30' toe log, 65' modified mudsill crib

*Regrading, 75' modified mudsill crib

*NPC Partnership, using DEP GG funds

- Tree Plantings

-Schnure site, Limestone Run:

*Installed trees/shrubs along 1956' of stream, average 50' wide

*NPC Partnership, using DEP GG funds

-Sunbury Park

*Installed 12 trees within park area and media day for PPL Community Roots Program

- Collected electrofishing and macroinvertebrate data on Little Shamokin Creek, Limestone Run, and Warrior Run, comparing biological presence before and after project installation, working with Susquehanna University Freshwater Research Initiative and NPC, worth \$7,740

- Water Testing

-Collected and analyzed water samples from 11 locations along Little Shamokin creek with Little Shamokin Creek Watershed Association, March – November

-Collected water samples at Site 42 in partnership with Trout Unlimited, 2-8 and 6-5

-Collected water samples at Site 42 with Shamokin Creek Restoration Alliance, 10-25

- Educational Activities:

-Enviroscape presentation to Shamokin HS Environmental Club, ~4 attendees

-Watershed Grant Debate for Shamokin HS Environmental Club, ~7 attendees

-Assisted with 3 Manure Management Workshops, 1-10, 1-23, 2-1

-Installed interpretive sign at Little Shamokin Creek Watershed Association project site along Comfort Road

-Rain to Drain Activity for Shamokin HS Environmental Club, ~5 attendees

-Rain barrel/stormwater educational workshop for Sunbury Hill Community, ~8 attendees

-2 Biological assessment field trips for Susquehanna University Environmental Science class, ~42 attendees

WATERSHED PROTECTION, cont.

- Shamokin HS Environmental Club Field Trip:
 - *Dairy farm tour
 - *Soil pit activity
 - *Biological assessment of local stream
- Rain to Drain Activity for Lourdes 6th grade, ~40 attendees
- Watershed Grant Debate for Lourdes 6th grade, ~40 attendees
- 3 Presentations to Milton YMCA Summer Camp, ~34 attendees
 - *Rain to Drain Activity
 - *Watershed Grant Debate
 - *Enviroscape
- Ag Tour, ~10 attendees
 - *Visited a dairy farm- explained animal care, roof gutters, manure storage and handling
 - *Visited a stream site- explained benefits of riparian buffers and field diversions
 - *Enviroscape presentation
- Outdoor Field Trip for Lourdes and Mt. Carmel:
 - *Presentation on coal mining history, mine reclamation activities, riparian buffers, watershed description, macroinvertebrate identification related to water quality
 - *Students helped plant 45 trees/shrubs along Quaker Run
 - *Approximately 60 students attended
 - *Partnership with Kulpmont Borough and Shamokin Creek Restoration Alliance
 - *Funding from DEP Environmental Education Grant administered by Kulpmont Borough, worth ~\$2,900.00
- *Biological Assessment and Water Analysis field trip for Line Mountain High School Environmental Science Class, ~15 students
- *Enviroscape Presentation to Herndon Lion's club, ~7 attendees
- *Enviroscape Presentation to Elysburg Brownie Troop, 18 attendees

MOSQUITO-BORNE DISEASE CONTROL

Mosquito Surveillance

Surveillance is an integral part of the District's Integrated Mosquito Management (IMM) program, as it allows us to track mosquito populations through sampling across our 5-county region and decide how best to utilize our resources to keep mosquitos at manageable levels. This year's surveillance began May 18th and ended September 23rd. During the 2017 season our team set 956 traps, 841 gravid and 115 BG, at 233 distinct locations throughout our region and caught a **total of 39,061 mosquitos** over the 19-week surveillance season (refer to Table 1). Once caught, all mosquitos are sent on dry ice by

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MOSQUITO-BORNE DISEASE CONTROL, cont.

our team to the vector-borne disease lab in Harrisburg and then individually identified to species and counted. *Culex pipiens* and *Culex restuans* are then grouped into pools of up to 100 mosquitos to be tested for the West Nile Virus (WNV). Of our 841 gravid traps set (those used to collect WNV species), 110 of them were detected positive for the WNV, or 13% frequency. However, WNV frequency (number of positive samples/ number of mosquito samples tested*100) of samples with potential vectoring *Culex* species were far greater and is broken down in Figure 1.

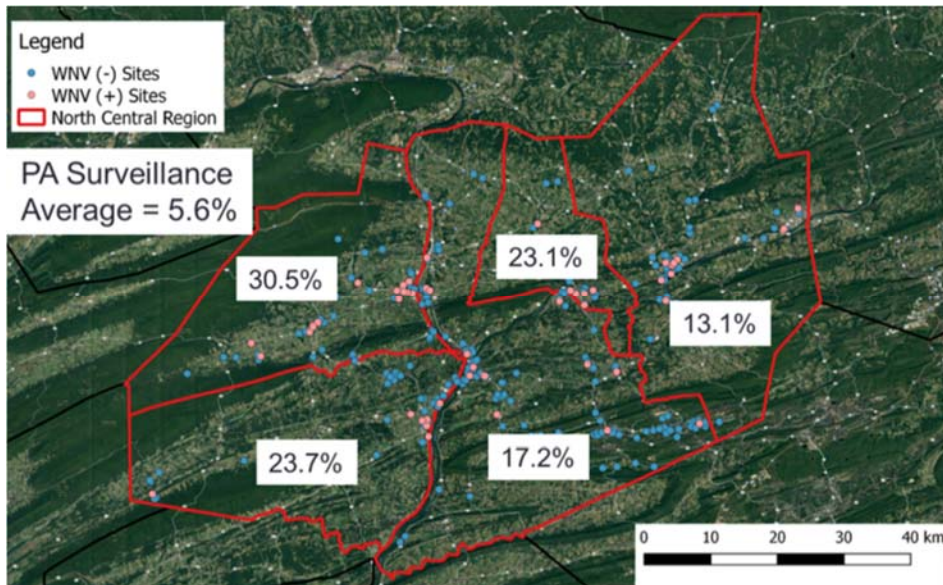


Figure 1. 2017 West Nile virus trap site locations and frequency by county in comparison to PA state average.

This season we searched for the presence of the highly invasive Asian tiger mosquito, *Aedes albopictus*, by setting BG traps in densely populated areas where they have become a problem in the US. We chose those specific sites because of the possibility of eggs or adults hitchhiking on imported plants. The *Aedes albopictus* mosquito can carry dengue fever, chikungunya, and yellow fever. Our team will continue to be proactive in our efforts to be on the lookout for this nuisance and potential vector. This year we have found the species present in new areas and in greater abundance in comparison to historical data, dating back to 2013 when it was first collected in our region (refer to Figure 2). This highly invasive nuisance will be a focal point of our surveillance program and in efforts to control their expansion.

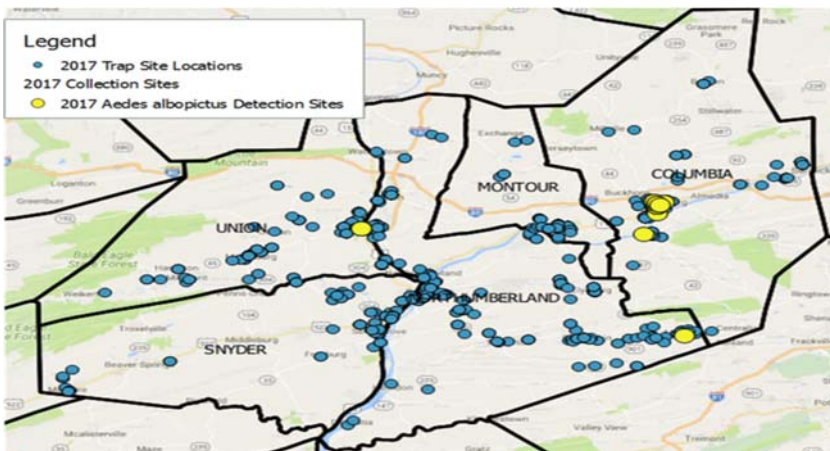


Figure 2. 2017 *Aedes albopictus* collection sites (yellow) in comparison to 2017 trap collection sites (blue).

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MOSQUITO-BORNE DISEASE CONTROL, cont.

Table 1: 2017 Surveillance by the Northcentral Coalition

County	*Gravid	**BG	Larval	Unique	Total	WNV	Complaint
Columbia	188	19	47	44	7,398	16	2
Montour	82	7	15	17	3,784	12	0
Northumberland	277	56	121	89	13,881	29	9
Snyder	102	22	25	39	3,562	14	1
Union	192	11	39	44	10,436	39	2
Total	841	115	247	233	39,061	110	14

*Traps set to collect pregnant females post-bloodmeal. **Traps set to collect host-seeking mosquitoes.

West Nile Virus in the Northcentral Region

West Nile Virus was first found in our region in 2002 and 16 years later we still have it. Birds are the host of the virus and act as a reservoir where female mosquitoes go to feed and subsequently infect another bird or mammal, such as humans. In 2017, we found a total of 110 positive mosquito pools (refer to figure 1 for a break-down by county). Our region had one human positive WNV case, where the victim experienced a severe case of encephalitis. In addition, our region reported one dead crow that was positive for WNV, and three veterinary positive equine cases.

Mosquito Control

Our team responded to and followed up with a total of 14 complaint sites of whom were either residents, neighbors, or Township employees that have contacted us to assess and remedy mosquito nuisances. After assessing the data post-surveillance, we made informed decisions based on habitat, species present, abundance, and WNV detection to properly treat each site. Our team treated a total of 103 sites in the Northcentral Coalition Region and is further broken down by county in Table 2.

Table 2: 2017 Control Efforts by the Northcentral Coalition

County	Larval Treatment	Adult Treatment
Columbia	16	2
Montour	13	2
Northumberland	22	8
Snyder	3	1
Union	7	2
Total	88	15

Goals for 2018

After a steep learning curve for our program's first season in 2017, we have established goals for the upcoming 2018 season.

1. Pre-treat well established mosquito breeding sites with larvicides to prevent adult emergence and subsequent adulticiding events.
2. Implement city catch basin larvicide treatment on the first of each month from June-October.
3. Continue to improve upon and increase education and outreach to the public.

Mission Statement

The mission of the Northcentral Region's Mosquito-borne Disease Control Program is to locate and control mosquitoes that are both a nuisance and potential vector of disease to the Northcentral Region's residents.

MEETINGS/OUTREACH

Manure Management Workshops – January 10 and 23, February 1. NCCD held 3 manure management workshops for farmers in Northumberland County. 2 of the workshops were held at the NCCD EE Center and the other was held at Martz's Game Farm in Dalmatia. 16 farmers left with completed manure management plans and 7 farmers left with completed agricultural erosion and sedimentation plans. Financial support of this project was provided by the Pennsylvania Department of Environmental Protection through the Chesapeake Bay Implementation Grant and the Clean Water Fund.

5th Annual CD Forum – March 7, 2017. This annual event provided 2 breakouts for farmers and municipalities. Topics included Farm Planning; Pesticide Recordkeeping; Sprayer Calibration; Weed Control and Herbicide Selection with Inter-Seeded Cover Crops; a Roundtable for Legal Questions Municipality Officials May Have; the Agriculture, Communities and Rural Environment Act (ACRE); and Applying for Dirt, Gravel and Low Volume Roads Project Funds. 10 vendors provided sponsorships to help fund the program and were on hand to speak to attendees. Vendors present included Crop Production Services of Bloomsburg; Channel Seed/Pine Hurst Acres of Danville; DuPont Pioneer; AgChoice Farm Credit of Lewisburg; Rovendale Ag of Watsonstown; KW Enterprises, LLC of Milton; Sunbury Motors; Valley Ag and Turf of Watsonstown; KIZ Resources, LLC of Altoona; and Hoover Tractor of Mifflinburg. 2 Category and 2 Core credits were offered to attendees.

47th Annual Tree Sale – Week of April 17, 2017. This year's tree sale was another great success. We sold 11,261 trees to 156 customers.

Susquehanna Valley High School and Middle School Envirothon – April 25 and May 9, 2017. The annual Susquehanna Valley High School and Middle School Envirothons are a joint effort of the Columbia, Montour, Northumberland, Snyder, and Union Conservation Districts. At our High School Envirothon, held at the Shikellamy State Park Overlook, Northumberland County had 10 teams. Warrior Run Team A was the winner. Our Middle School Envirothon, held at the Montour Preserve, had 10 teams.

Twilight Meeting – September 12, 2017. This year's Twilight Meeting was again held at the Long Center for Environmental Stewardship and Education outside of Sunbury. Topics included What's New in Herbicides/Resistant Weed Management for 2017; Reading the Label and Drift Reduction Strategies/Pesticide Safety; and the Agriculture, Communities and Rural Environment Act (ACRE). Attendees received two category and two core credits.



2017 Twilight Meeting held on September 12, 2017



2017 AWARDS

Swank Outstanding Conservation Organization Award

Winner: Our Lady of Lourdes Regional Middle School STEM Team

About the award: This award is sponsored annually by David and Judy Swank of Elysburg in honor of their granddaughter, Shelby Palmer. It is presented to an outstanding conservation organization which has done exceptional conservation related work in the county.

About the winner: Our Lady of Lourdes faculty members are committed to offering integrated STEM (Science, Technology, Engineering, and Mathematics) experiences to Our Lady of Lourdes students. Three of the faculty involved are University of Notre Dame STEM Teaching Fellows. They have created a STEM Impact Plan that strives to make STEM opportunities available to all students at Our Lady of Lourdes with a particular focus on ecology in grades 5-8.

In the last year, students from Our Lady of Lourdes have worked with the Shamokin Creek Restoration Alliance (SCRA), the Northumberland County Conservation District (NCCD), and Landscape Services, Inc. to plant trees along Quaker Run and fulfill the requirements of the Kulpmont Borough Quaker Run Stream Quality Education grant from the PA Department of Environmental Protection. Additionally, students in the fourth through sixth grades have initiated a vermicomposting project that seeks to reduce the food scraps entering the solid waste stream in the school's cafeteria. The students began this project with 1,000 worms from March through May. In June, over 20 students engaged in an 8-day Worm Camp with the goal of creating a system large enough to compost one lunch period's scraps each day of the 2017-2018 school year. Students hope to reduce solid waste and enrich the soil in test gardens that have also been created by middle school students on the school's campus .

Raymond D. and Mable E. Shaffer Scholarships

Winner: Garrett Kieffer, Dornsife; Samuel Ferster, Dalmatia

About the award: The Raymond D. and Mable E. Shaffer Scholarship is provided every year by Sandra Shaffer-Mattern of Dalmatia to a Line Mountain High School senior who will attend college in the fall. It was instituted in 1996 in memory of Raymond and Mable Shaffer, who were among the founders of the Northumberland County Conservation District. Raymond was on the original steering committee and was appointed to the Board of Directors of the Conservation District in 1955.

About the winner: The first 2017 winner of this scholarship is Garrett Kieffer of Dornsife, the son of Heather and Shane Kieffer. Garrett's extracurricular activities included wrestling, baseball, and football. He has been accepted to Lock Haven University. His career plans are work as a game warden or a park ranger or work landscaping with his father. His Chemistry and Forensic Science teacher, Shelley L. Herb Fausey, Ph.D. stated the following, "Garrett possesses the intellectual ability and interpersonal skills necessary to succeed in higher education. Garrett enjoys the outdoors and has a natural curiosity of his world which makes him a great candidate for environmental science. The educational program at the collegiate level will allow Garrett the opportunity to further explore and achieve his career goals."

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2017 AWARDS, cont.

Raymond D. and Mable E. Shaffer Scholarships (cont.)

Winner: Garrett Kieffer, Dornsife; Samuel Ferster, Dalmatia

About the winner: The second 2017 winner of this scholarship is Samuel Ferster of Dalmatia, the son of Donald and Francine Ferster. Samuel's extracurricular activities included FFA, 4-H, concert band, jazz band, marching band, chorus, and musicals. He has been accepted to Potomac State College in West Virginia. His career plans are to work with his father in Mark Ferster and Sons Excavating and West Malta Farms after receiving an Associate's Degree in Sustainable Agricultural Entrepreneurship. His Chemistry and AP Physics teacher, Shelley L. Herb Fausey, Ph.D. stated the following, "Sam exhibits the qualities necessary to be successful in college. Sam enjoys a challenge and exhibits great potential for academic success. He demonstrates the qualities necessary to be successful in an agriculture field. After college, Sam plans to return to this community and work in the family business and continue his involvement with his church."

Don Cotner, Sr. Memorial Scholarship

Winner: Alexis Bassett, Sunbury

About the award: We are proud to present this scholarship for a ninth year, which is sponsored by Don Cotner, Jr. in memory of his father. The award is given to a senior pursuing a degree in agriculture or an environmentally related field in the fall 2017 semester. Don Cotner, Sr. was a director for the Northumberland County Conservation District from 1960-1979. Cotner Farms began implementing a soil conservation program in the mid-1930s and has been actively conducting and promoting soil conservation practices ever since. In 1936, Cotner Farms became one of the first farms in central Pennsylvania to implement 'contour' farming. In recognition of over 50 years of practicing soil conservation, Don Cotner Sr. was named Pennsylvania Conservation Farmer of the Year in 1988. Mr. Cotner was a top ten finalist for the National Conservation Farmer that same year. Soil conservation continues at Cotner Farms today. All acreage is still farmed using no-till methods, cover crops are planted each fall, and diversion ditches, waterways, and terraces are maintained and improved upon annually. Employees of the farm routinely participate in soil conservation meetings and panels which provide information to legislators.

About the winner: Our ninth annual award winner of this scholarship is Alexis Bassett, a 2017 graduate of Danville Area High School. She is the daughter of Duane and Christy Bassett. Alexis has been accepted to Delaware Valley University for the fall of 2017. Her career plans include pursuing a degree in Agricultural Business with an eye towards opening a greenhouse operation. Alexis received a Certificate of Completion in Production Agriculture from the National Occupational Competency Testing Institute (NOCTI) in 2017. Her extracurricular activities have included FFA, band, 4-H, and tennis. Her Honors Biology teacher, Emily Morgan, stated the following about Alexis, "Alexis shows tremendous potential. In Honors Biology, Alexis demonstrated her strong work ethic, dedication to herself and her peers by striving to do her best each day, and her passion for the content. Alexis has my full support, as I know she will succeed in any area she invests her time and abilities."



NCCD would like to thank 2017 members for their support.

Conservation Benefactor:

KW Enterprises, LLC, Milton

Friend of Conservation:

Hoffman Brothers Lumber, Inc., Richfield

Associate Members:

Aqua PA, Inc., Shamokin
In Memory of Marlin R. Becker
Blair & Mary Carbaugh, Danville
Daniel Shingara Enterprises, Inc., Paxinos
Donald H. Beagle Excavating, Inc., Danville
First National Insurance, Selinsgrove
Glenn O. Hawbaker, Inc., State College
H.H. Knoebel Sons, Inc., Elysburg
Keefer & Associates Land Surveying, Sunbury
Mark Ferster & Sons Excavating, Dornsife
Meckley's Limestone Products, Inc., Herndon
Mid-Penn Engineering, Lewisburg
Moser Seed Agency, New Columbia

Northumberland County Anthracite Outdoor Adventure Area
In Honor of Raymond D. Shaffer by Sandra Shaffer Mattern,
Dalmatia

RJ Hoffman & Sons, Inc., Mt. Pleasant Mills
Robert C. Snyder Farms, Inc., Northumberland
Rovendale Ag & Barn Equipment, Inc., Milton
Scattered Acres Farm, Elysburg
Valley Ag & Turf, LLC, Watsonstown
Watson Excavating, Inc., Turbotville

Affiliate Members:

Brewers' Outlet, Sunbury
Carriage Manor Builders, Inc., Danville
Central Builders Supply Company, Sunbury
Damon Kline-Penn E&R, Hatfield
Dennis Martz, Dalmatia
Fairchild Brothers, Inc., Winfield
Kauffman Tractor & Implement Painting, Dornsife
Mahantongo Game Farm, Dalmatia
Paul Q. Ross Construction, Inc., Sunbury
Pik Rite, Inc., Lewisburg
RHP Law Group, LLC, Selinsgrove
State Representative Lynda Schlegel Culver
Sunbury Animal Hospital, Sunbury
Uni-Tec Consulting Engineers, Inc., State College

A LOOK BACK IN 2017...



Northumberland County Conservation District added 2 new photos.

Published by Jaci Harner [?] · June 7, 2017 ·

Gathering proof that our projects are cleaning up our local streams! Electroshocking Little Shamokin Creek and Limestone Run. Analysis of fish species and macroinvertebrates. Partnership with Susquehanna University and Northcentral PA. Long-term monitoring to evaluate progress.



Northumberland County Conservation District added 8 new photos.

Published by Jaci Harner [?] · September 14, 2017 ·

Another great day!!! PPL media day, helping promote their Community Roots program. They are offering FREE TREES to local communities, elementary schools, and environmental organizations. A big THANK YOU to the City of Sunbury and Our Lady of Lourdes for their help.

