



PACD

PENNSYLVANIA ASSOCIATION OF
CONSERVATION DISTRICTS, INC.

Highlights of Conservation District Activities 2022

*Thank you to the General Assembly for the additional \$6.8 million for
conservation districts!*

Conserving Natural Resources for Our Future

Adams County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

2022 Feature Project Municipal Assistance - MS4

Resource Challenge

The state/federally mandated Municipal Separate Storm Sewer System (MS4) program requires 3 of our local municipalities, among other tasks, to implement best management practices (BMPs) to reduce sedimentation to streams within their municipality.

Project Summary and Results

ACCD provided technical assistance to all 3 municipalities and \$312,189 towards implementing BMPs they needed to comply with their MS4 permits.

Key Project Partners

Cumberland & Conewago Townships,
Gettysburg Borough



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Agricultural BMPs installed: 34 grass waterways totaling 22 acres, 17 terraces totaling 6,555 ft, 6 diversions totaling 2,375 ft, 7 water and sediment control basins, 9 underground outlet systems totaling 6,872 ft, 26 subsurface drainage systems totaling 36,289 ft, 16 rock lined waterway outlets totaling 450 ft, 1 access roads totaling 60 ft, 2 stream crossings, 350 feet of animal trails, and 2 manure storage and barnyard runoff control projects.
- Performed over 300 Erosion & Sedimentation inspections with 100% compliance.
- Installed 25 acres of riparian buffers, 3.5 acres of lawn to forest, and distributed 23,000 native trees to local landowners.
- Dirt, Gravel, and Low Volume Roads completed 3 sites: 2 stream crossing culvert replacements, 1 high-water by-pass, 80 ft of undrain piping, 80 ft roadside swale re-established.
- Mosquito-borne Disease Program sites treated: 81 larval treatments and 67 catch basins.
- Urban Stormwater BMPs installed: 2 Basin Retrofits, 1 Raingarden, and 2,150 ft of stream restoration.

Funding Brought to the
County from Conservation
District Efforts:
\$2,461,718

Contact Information

Adam McClain
District Manager

Carl Keller Jr
Board Chairman

670 Old Harrisburg Road, Suite 201
Gettysburg, PA, 17325



Future Projects Made Possible by the Additional Funding

- Assisting Adams County's economic recovery through natural resource projects and funds
- Assisting landowners with installing conservation landscaping BMPs
- Assisting agricultural operations with installing agricultural BMPs and complying with state regulations



Allegheny County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Stream Crossing Replaced in Sewickley Heights

Resource Challenge

As one of the few naturally spawning trout streams in Allegheny County, Little Sewickley Creek Watershed provides vital habitat to fish and other aquatic species. An undersized stream crossing in Sewickley Heights Borough prevented water from moving through the structure, harming the aquatic ecosystem while eroding streambanks.

Project Summary and Results

With funding from ACCD's Dirt, Gravel & Low Volume Road Grant, this project included the replacement of a concrete round pipe with a larger 10.5-foot-wide bottomless box culvert. The grant also funded the installation of in-stream structures to help stabilize the stream environment and prevent further erosion.

Key Project Partners

Partners include the Borough of Sewickley Heights and program funds distributed by the State Conservation Commission.



A culvert replacement in Sewickley Heights Borough allows for the passage of fish and reduces streambank erosion.



ACCD staff celebrates the launch of a new website and continued on-the-ground work to improve soil and water quality.

Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution.

- **Regulatory Permits:** Approved 464 total permits and performed 619 inspections to reduce non-point source pollution from construction sites.
- **Farm Preservation:** Announced the milestone 40th farm preserved in Allegheny County with the addition of the 79-acre Dillner Family Farm.
- **Outreach:** Educated 650 participants at digital events and launched an improved website with a resource library, interactive maps, accessible forms for submitting permits and a progressive fee calculator.
- **Community Projects:** Hosted two free soil lead screenings for community members, distributed free circle traps to partnering municipalities to fight the spread of Spotted Lanternflies and installed an additional rain garden at Allegheny County's Boyce Park.

Funding Brought to the
County from Conservation
District Efforts:
\$17,000

Contact Information

Heather Manzo
Executive Director

Eric French
Board Chairman

317 East Carson Street, Suite 119
Pittsburgh, PA 15219
412-241-7645
accdpa.org

Future Projects Made Possible by the Additional Funding

Increased state and county funding allows for the creation of new positions and increases ACCD's capacity, ensuring these public grant dollars are put to good work in Allegheny County to help farmers protect soil and water quality through installation of BMPs, to engage municipalities on complicated natural resource management issues, and to continue free soil lead screenings.

Armstrong Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Reefer Cove Road

Resource Challenge

Road pipes drained directly into
Keystone Lake and road dead ended.

Project Summary and Results

French Mattresses were installed to
replace pipes and filter road drainage
before entering the lake. A Cul-de-sac
was installed at the dead end.

Key Project Partners

Dist.41 – PA State Senator Joe Pittman
Cowanshannock Township
PA Fish & Boat Commission
Keystone Power Plant.



Thanks to the General Assembly's
conservation district allocations, we
were able to take these actions to
reduce pollution

- Retain experienced staff with a high success rate in obtaining grants and implementing high quality projects.
- Receive a PennVest Green Infrastructure Grant/Loan to install five rain gardens, vegetated swale, and riparian forest buffer at the future Armsdale Center for Agriculture and Conservation.
- Host a rain barrel workshop for municipal officials in which twenty municipalities received rain barrels for their municipal buildings.
- Host an agricultural producer workshop to educate about best management practices, nutrient management, and upcoming funding opportunities.

Funding Brought to the
County from Conservation
District Efforts:
\$2,595,683

Contact Information

Holly Laird
District Manager

Andrew Kimmel
Board Chairman

120 South Grant Avenue, Suite 2
Kittanning, PA 16201
724-548-3425
<https://www.armstrongcd.org/>

Future Projects Made Possible by the Additional Funding

- Riparian forest buffer and demonstration project at the Worthington-West Franklin Firehall.
- The installation of riparian forest buffers at a local school and several residences.



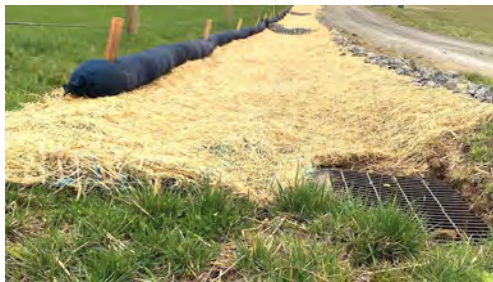
Beaver County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Beaver CCD was able to bring many permitted sites and complaint sites into compliance, including sites which had experienced pollution events. This was all accomplished thanks to the additional funding received by the District.

Beaver CCD took part in a Developers' meeting which was held in Butler County on September 1st. This was an excellent opportunity to discuss ways in which we can continue to work together with the Developers as we each go through the permitting process, from application to termination.



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Six different agricultural field days, workshops, and events to teach farmers and landowners about agricultural BMPs and techniques to improve soil health and productivity.
- Two tire collection events through our West Nile Virus Program to reduce mosquito habitat and recycle tires to be turned into new products. We collected over 1,000 tires!
- Provided environmental education through field trips, hands-on traveling displays, and virtual programs to approximately 3,000 individuals.
- Phase II streambank remediation on Raccoon Creek to stop erosion and provide improved aquatic habitat.
- Completion of two more Dirt & Gravel/Low-Volume Roads Projects.

Funding Brought to the County from Conservation District Efforts:
\$906,280.21

Contact Information

Jeff Pflug
District Manager

Michael Price
Board Chairman

156 Cowpath Road
Aliquippa, PA 15001
Phone: (724) 378 - 1701

www.beavercountyconservationdistrict.org

Future Projects Made Possible by the Additional Funding

- Administering the new ACAP program for agricultural BMPs.
- Approximately \$300,000.00 in Growing Greener grant projects.
- Expanding our educational outreach programming, including a bigger Mobile Education Center.
- Starting a new chapter of PA Master Naturalists to act as volunteers and leaders of conservation projects.



Bedford County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project
Accomplished in 2022

Beaver Creek Sediment Reduction and Habitat Improvement Project

Resource Challenge

Intensive agriculture, years of dairy pasturing without exclusion fencing and cropping without riparian buffers left many areas with eroding stream banks.

Project Summary and Results

GP-1 fish habitat plan developed to install 21 devices including 8 modified mudsills and 6 log-framed stone deflectors on the 1350 feet long project site.

Key Project Partners

Western Pennsylvania Conservancy, Fort Bedford Trout Unlimited, Trout Unlimited National Staff, Warren Services, Dep CAP Implementation Grant



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Dirt and Gravel Road program allocated \$390,305 to townships that committed \$73,069 of in-kind funds to complete 5 projects resulting in improvements to 12,436 ft of unpaved roads, reducing sediment impacts to waters across the county including an Exceptional Value stream.
- Conservation Excellence Grant CEG funded agricultural BMPs including Solid Waste Storage 2770 ft³, Roofed Concrete & Curbed HUA 12,450 ft², Rain Gutters 940 ft, Livestock Trail 1500 ft and Stream Exclusion Fencing 2400 ft.
- BCCD No-Till program planted 1950 acres of cover crops and an additional 1330 crop acres with the no-till drills. The corn planters logged 1470 acres.
- Through the Erosion & Sediment Pollution Control Program, 9 NPDES Plans were reviewed and 15 E&S plans approved for 842 total project acres with 325 acres of disturbance.
- Bedford County & the BCCD Recycling Center recycled 6,821 tons of material.

Funding Brought to the
County from Conservation
District Efforts:
\$2,500,000

Contact Information

Jennifer Lentz Kovacs, District Manager
James Bence, Board Chairman

702 W Pitt St, Bedford, PA 15522
814 623 7900 ext. 4
bedfordcountyconservation.com

Future Projects Made Possible by the Additional Funding

- Shobers Run, Yellow Creek and Bobs Creek are scheduled for Streambank Stabilization & Habitat Improvement projects funded through CAP Implementation funds.
- East St Clair Township awarded CAP funds for municipal rain garden design & installation.



Berks County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Oak Grove Development

Resource Challenge

Housing development located in an Exceptional Value Wild Trout fishery watershed

Project Summary and Results

36 home development on an 85 acre site w/ colloidal clay soils that required a flocculant system to promote stabilization and settling of sediment

Key Project Partners

Robeson Township & Lyons & Hohl Inc



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Initiated Urban Agriculture program for the City of Reading. Also utilized a NACD Grant to start up the program



- Continue to provide Technical Assistance to the agricultural and development communities to meet the Nutrient Management and NPDES Delegation Agreements with DEP
- Provide Technical Assistance to install AG Best Management Practices to improve water quality



Funding Brought to the County from Conservation District Efforts:
\$2.7 Million

Contact Information

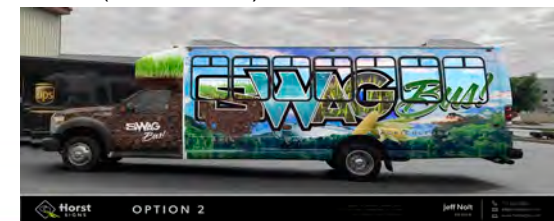
Dean Druckenmiller
District Manager

Piper Sherburne
Board Chairman

1238 County Welfare Road
Leesport, PA 19565
610-372-4657
www.berkscd.com

Future Projects Made Possible by the Additional Funding

- Berks CCD Mobile Teaching Unit (SWAG BUS)



Blair County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project
Accomplished in 2022

Project Title

Resource Challenge
Streambank Erosion

Project Summary and Results

Four streambank stabilization projects were designed and permitted by Trout Unlimited, facilitated by the Blair Co. Conservation District, constructed by DirtWorks By Johnston LLC and funded by multiple sources.

Key Funding Partners

National Fish & Wildlife Foundation
Blair County Intergovernmental
Stormwater Committee
DCED, Keystone Communities



NatureWorksPark[®]

Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Continue funding and enhancing opportunities for our highly valuable and qualified District Staff. We increased our Conservation Education Specialist position from a part-time to a full-time position to better serve our constituents and to increase awareness of pollution and pollution reduction measures that can be undertaken by all.
- Utilize general fund monies for continued development at NatureWorksPark, a division of the Blair County Conservation District. The Park is on tap to reach 18,000 visitors in 2022 with even more programs and events planned for 2023. Recent additions to the Park were a turtle enclosure, streambank stabilization and stream access construction, and additional signage complete with QR codes describing segments of a multifunctional riparian buffer. All aspects of the Park are geared toward interactive education related to working with nature to reduce impacts and pollution.

www.natureworkspark.org

Funding Brought to the
County from Conservation
District Efforts:
\$885,000

Contact Information

Donna J. Fisher
District Manager

James E. Biddle
Board Chairman

1407 Blair Street
Hollidaysburg, PA 16648
814-696-0877 ext. 5
www.blairconservationdistrict.org
www.natureworkspark.org

Future Projects Made Possible by the Additional Funding

- Design and installation of a variety of Agricultural BMP's to reduce sediment and nutrient pollution.
- Design of a resource conscious or LEED Certified Conservation District Office Complex/Service Center.

Bradford County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

2022 Feature Accomplishment

Stream Corridor Rehabilitation

Resource Challenge

Stream instability, flooding, and impaired continuity.

Project Summary and Results

Bradford County Conservation District's watershed program implemented 20 projects that benefitted water quality and aquatic resources throughout Bradford County. Through cooperation with our local County Commissioners and multiple Municipal partners, miles of stream corridor rehabilitation occurred to reduce sedimentation and nutrification and reconnect upstream and downstream habitat for aquatic and terrestrial organisms, while improving flood resilience. The photos to the right are examples of stream rehabilitation by way of bank sloping, installing grade control structures, and establishing forested riparian buffers as well as improving stream crossings to improve stream continuity and reduce flood frequency.

Key Project Partners

Bradford County Commissioners, Local Municipalities, Upper Susquehanna Coalition, PA DEP Stream Improvement Program



Grant Money Brought to the County from Conservation District Efforts:
\$ 2,900,000

Contact Information

Cathy Yeakel
District Manager

Keith Heimbach
Board Chairman

Stoll Natural Resource Center
200 Lake Rd., Suite E
Towanda, PA 18848
(570) 485-3144
www.bccdpa.com

More Work to Do

Other Accomplishments

- Partnered with NFWF to complete 30 additional stream corridor rehabilitation designs ready for implementation

- BCCD looks forward to assisting our agricultural community through the Agricultural Conservation Assistance Program (ACAP).

- BCCD looks forward to assisting our municipal partners to upgrade infrastructure and improve flood resilience.



Bucks County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Project Title

Resource Challenge

Lake Luxembourg Restoration Project

Project Summary and Results

Nearly 20,000 cubic yards of sediment has been removed. After grading and seeding, the material will dewater in an adjacent agricultural field to be worked into the soils next spring. The enhanced conservation pool is taking shape and the coming year will bring enhanced ecological functioning with wetland species plantings along the pool's margin.

Key Project Partners

County of Bucks, US EPA, PA DEP, NFWF



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- A dozen in-person outreach events reached 300 residents this year, and least fifty individual constituent support visits addressed: stormwater management, conservation landscaping, streambank erosion, and our wetland BMP at Lake Luxembourg.
- Conducted over 900 project site inspections, issued approximately 75 NPDES permits, responded to approximately 50 resident complaints.
- Expanded our Administrative, Technical, and Agricultural staff to better support both the regulated community and residents.
- Accepted the delegation agreement to manage the newly created Agricultural Conservation Assistance Program. Bucks County farmers will receive approximately \$2.3M in project assistance by 2026.
- Continued to provide support to those residents completing restoration projects associated with Hurricane Ida.

Funding Brought to the
County from Conservation
District Efforts:
\$512,000

Contact Information

Gretchen Schatschneider
District Manager

David Wolfinger
Board Chairman

1456 Ferry Road, Suite 704
Doylestown, PA 18901
(215)345-7577
www.BucksCCD.org

Future Projects Made Possible by the Additional Funding

- Neshaminy Creek Watershed Collaborative group formation
- Installation of several agricultural practice improvements.



Butler County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

Projects Accomplished in 2022

The Dirt Gravel and

Low Volumes Road Program

- Program enables the District to work closely with our municipalities.
- Contracted 4 Dirt and Gravel Roads projects and completed 3 totaling \$292,000. These projects will help to improve over 2 miles of dirt roads which improves the water quality in the receiving streams.
- Contracted 4 Low Volume Roads projects and completed 2 totaling \$404,000. These projects enabled the Townships to address problem roads that otherwise would have not been corrected.

Project participants were Buffalo Township, Clearfield Township, Clinton Township, Forward Township, Jackson Township, Summit Township, and Washington Township.



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Supported a local watershed group in protecting and enhancing Thorn Creek using Fish Habitat Enhancement Structures. These structures provide better habitat for fish as well as protection from streambank erosion.
- Installed 2 Multifunctional Buffers which will provide better wildlife habitat, protect the water quality of the stream and reduce the potential for erosion.
- Processed over 60 NPDES applications, 182 Chapter 105 General Permits, and responded to over 55 complaints.

Funding Brought to the County from Conservation District Efforts:
\$770,000

Contact Information

Ian Harrell
District Manager

Ed Thiele
Board Chairman

120 Hollywood Drive, Suite 201
Butler PA 16001
724.284.5270

www.bccdonline.org

Future Projects Made Possible by the Additional Funding

- BMP design and implementation under the Agricultural Conservation Assistance Program
- Continue to work with NRCS, Audubon Society and other partners under an RCPP grant to improve and protect the Buffalo Creek Watershed.



Cambria County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project
Accomplished in 2022

**West Branch Susquehanna
River
Streambank Stabilization**

Resource Challenge

Eroding streambanks causing
sediment pollution

Project Summary and Results

Stabilized 2,325ft of streambank at 3
separate locations

Key Project Partners

PA F&BC, Trout Unlimited, Northern
Cambria Borough, David Weaver,
William & Patricia Brown, Jonathan &
Patricia Rajnish, Jamie & Michelle
Marino, Bobik Realty, Kev's
Excavating



Thanks to the General Assembly's
conservation district allocations, we
were able to take these actions to
reduce pollution

- Provide salary increases to District Staff to head off turnover and retain experienced and efficient staff
- Cover District office administrative costs



Funding Brought to the
County from Conservation
District Efforts:
\$1,717,098

Contact Information

John Dryzal
District Manager

Dennis Beck
Board Chairman

401 Candlelight Drive, Suite 229
Ebensburg, PA 15931
(814) 472-2120

<https://cambriacconservationdistrict.org>

Future Projects Made Possible by the Additional Funding

- Implementation of the new Ag Conservation Assistance Program
- Continue administration of the Farmland Preservation Program



Cameron County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

Project Accomplished
in 2022

Sterling Run Acid Mine Drainage Restoration

Resource Challenge

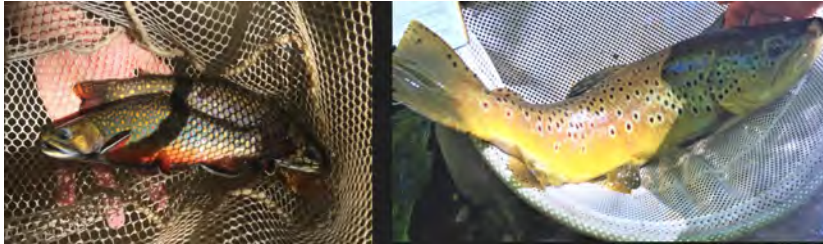
AMD polluting the Sterling Run watershed.

Project Summary and Results

It's been a goal of the Cameron County Conservation District to restore the Sterling Run Watershed from past mining practices. In 2022 two more passive treatment systems were built in May Hollow and Finley Run. 7 systems have been completed in the watershed and Sterling Run and its tributaries have been restored to Class A Wild Trout.

Key Project Partners

PA Fish and Boat Commission
Lyme Timber
Headwaters RC&D



Funding Brought to the
County from Conservation
District Efforts:
\$1,597,700.00

Thanks to the General Assembly's
conservation district allocations, we
were able to take these actions to
reduce pollution

- Streambank Stabilization/Fish Habitat Enhancement Program
- AMD Remediation
- Agricultural BMP's on a variety of local farms
- Reduced sedimentation via the DGR/LVR program

Contact Information

Todd Deluccia
District Manager

Mark Johnson
Board Chairman

74 East 3rd St.
Emporium, PA 15834
cameroncd.org

Future Projects Made Possible by the Additional Funding

- Continued Efforts of the Cameron County Streambank Stabilization/Fish Habitat Enhancement to assist landowners.
- Agricultural BMP's to assist farmers via the ACAP program.



Carbon County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Bake Oven Road Dirt and Gravel Road Project

Resource Challenge

Provide road base and drainage improvements for 6,600 feet of existing dirt road.

Project Summary and Results

Placed over 30,000 cubic yards of clean shale. Also placed 6" of 2A modified over 6,600 feet of road. Installed 5 new culverts and stone headwalls. Also replaced 3 existing culvert pipes.

Key Project Partners

East Penn Township, Hanover Engineering,



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Conducted 75 Erosion and Sedimentation Control Plan Reviews.
- Processed 6 Individual NPDES Permit Applications.
- Processed 5 General NPDES Permit Applications.
- Conducted over 350 site inspections on E&S project sites in 2022.
- Assessed and conducted site inspections on 25 complaint sites in 2022.
- Provide Municipal governments funding opportunities through the Dirt and Gravel / Low Volume Paved Road Program.

Funding Brought to the
County from Conservation
District Efforts:
\$150,000

Contact Information

Chris Storm
District Manager

Roger Shoenberger
Board Chairman

5664 Interchange Road
Lehighton, PA 18235
610-377-4894
carbonconservation.org

Future Projects Made Possible by the Additional Funding

- Potential ACAP Agricultural Projects
- The establishment of a full time Agricultural Technician Position



Centre County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Gordon's Road Project

Resource Challenge

- Degraded stream channel and banks
- Failing and undersized culvert
- Lack of aquatic organism passage



Project Summary and Results

Replaced failing, undersized 6' steel culvert, with a 19' aluminum plate arch. Also installed 5 modified mud sills, 1 log framed stone deflector, and 1 rip-rap cross vane to improve aquatic habitat. Planted a riparian forested buffer. This project removed 5,537 lbs of sediment, 6.3 lbs of nitrogen, and 2.9 lbs of phosphorus out of the Little Marsh Creek Watershed per year.

Key Project Partners

- Center for Dirt and Gravel Road Studies
- PA State Conservation Commission
- Chesapeake Bay Foundation
- Keystone 10 Million Trees Partnership
- Trout Unlimited
- Boggs Township



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Halfmoon Creek Farm, installation of Ag BMPs including roofed heavy use area with manure stacking, fencing, stream crossing, riparian buffer, \$100,000 Growing Green Funds, \$250,000 CEG funds, and \$312,500 CAP funds.
- Hall Farm, installation of Ag BMPs including roofed heavy use area with manure stacking and fencing, \$100,000 Growing Greener Funds and \$250,000 CEG Funds.
- Announcement of Cover Crop Incentive Program for Centre County farmers.

Funding Brought to the
County from Conservation
District Efforts:
\$609,578

Contact Information

James R. Coslo, Jr.
District Manager

Dr. Robert Shannon
Board Chairman

414 Holmes Street, Suite 4
Bellefonte, PA 16823
(814) 355-6817

<http://centrecountypa.gov/conservation>

Future Projects Made Possible by the Additional Funding

- Mark Hall Farm, installation of Ag BMP's.
- Preston Snyder Farm, installation of Ag BMP's.

Chester County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Overall Farm Improvement Project

Resource Challenge

Limited existing manure storage; pasture and streambank erosion negatively impacted water quality.

Project Summary and Results

Using multiple funding sources, manure storage capacity was increased, diversion and waterway installed; reinforced stream crossing and fencing installation in progress.

Key Project Partners

NRCS through EQIP funding; DEP through Growing Greener and CAP Implementation Grant Funding



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Provide further support for staff to implement 119 BMPs using a variety of programs in the Chesapeake and Delaware Bay watersheds.
- Provide further support to Nutrient Management Program activities, which, in the past year, resulted in 9 plan approvals, 77 manure management outreach visits, 10 site reviews, and 3 trainings provided to farmers and partners.
- Allocate funding to allow support for an Outreach Coordinator position, which resulted in 115 individual farm visits to promote programs, offer support, and learn from local producers.
- Allow District staff to better support NRCS program implementation, including \$548,943 in farmer incentive payments from a District-led Regional Conservation Partnership Program award in the Chesapeake Bay watershed.
- NPDES Sites inspected per Chapter 102: 451
- Total project acres: 7,420
- Total disturbed acres 3,106
- General Permits issued: 69
- Individual Permits issued: 61

Funding Brought to the
County from Conservation
District Efforts:
\$2,442,571.66

Contact Information

Christian Strohmaier
Managing Director

Tom Brosius
Board Chairman

688 Unionville Road, Suite 200
Kennett Square, PA 19348
610-455-1360
chesco.org/conservation

Future Projects Made Possible by the Additional Funding

- Further secure staff resources to implement ACAP program, which will bring \$5.1 million to Chester County over the next three years.



Clarion Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project
Accomplished in 2022

**Clarion County Park:
AMD Treatment System Overhaul**

Resource Challenge

Acid Mine Drainage

Project Summary and Results

With funding from a Growing Greener Grant, a failing and undersized thirty-one year old acid mine drainage (AMD) treatment system was cleaned out, the vertical flow pond was rehabilitated, and a 13,000 square foot settling pond was successfully constructed. The system now has a better layout to adequately treat and capture iron oxide at the Clarion County Park.

Key Project Partners

Clarion Conservation District, Hedin Environmental, County of Clarion, WPCMR, Foundation for PA Watersheds

Right:
The completed
settling pond.



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

Ag

- Farmer's Breakfast Outreach Event
- Grazing Field Day: Improving Land While Lowering Costs (bottom right)
- No-Till Planter Rental Program for producers in Clarion County
- Added an Agriculture Conservation Technician (ACT) to district staff

Watersheds

- Paint Creek Watershed Assessment
- Little Coon AMD Treatment System Maintenance

E&S

- 29 E&S and NPDES plan reviews
- Working with County Planning to increase education for land development within the county

DGLVR

- Municipalities Workshop
- Stream Crossing Project- Gowdy Road (above right)
- Hosted remote ESM training & CDGRS stream crossing training field day
- Completed 7 D&G and 2 LV projects
- Presented at Annual Township Convention

Education/Outreach

- Protecting Water Resources from Pesticides and Fertilizers workshop
- County Envirothon Coordination
- Watershed Wednesdays (above left) & Fun on the Farm program series
- Gardening for a Changing Climate rain garden workshop
- Assisted with Clarion County Park tree planting

Funding Brought to the
County from Conservation
District Efforts:
\$800,000

Contact Information

Trudy Alexander

District Manager

Tricia Mazik

Resource Technician

Alicia Ramsey

DGLVR/ES Technician

Hannah Bequeath

Education/Outreach Coordinator & ACT

Eugene Metcalf

Board Chairman

249 S 2nd Ave

Clarion, PA 16214

814-297-8014

www.clarionconservation.com

Future Projects
Made Possible by
the Additional
Funding



Expansion of services
to ag producers via
the addition of an
Agriculture
Conservation
Technician (ACT)
position.



Clearfield County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Pifer Road Culvert Replacement

Resource Challenge

~Aquatic organism passage, flooding, scouring, sediment deposition, and habitat loss.

Project Summary and Results

~Replaced the undersized 3' culvert with a 23' metal arch pipe. Completed stream restorations, repairing the scour hole, installing grade breaks, and created continuity back through the stream. This all-increased hydraulic volume, preventing flooding, scouring, sediment deposition and opened 2.8 miles of stream habitat for native Brook Trout.

Key Project Partners

~Clearfield County Conservation District, Lawrence Township, North Rock Construction, Keller Engineering, Trout Unlimited, and The Center for Dirt and Gravel Road Studies.



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Increased salaries with additional funding to help retain current staff to be able to oversee existing and potential projects
- Installed a collection system on MRSGL98 discharges to design a passive treatment system to remediate them, started construction of MR7 phase 2 and RLB2 passive treatment systems, was awarded a grant to install an AMD collection system and design treatment for the MON 40, 41, 42 discharges, and completed restoration projects on Simeling Run and Little Trout Run
- Completed 10 CAP (Countywide Action Plan) Projects, using all the funding provided to the District per the annual allocation
- Reviewed and approved permits for 3 new electricity generating solar farms, totaling 411 acres of former strip-mined land

Funding Brought to the
County from Conservation
District Efforts:
\$1,201,328.00

Contact Information

Willie Null
District Manager

Mike Gill
Board Chairman

6395 Clearfield Woodland Hwy
Suite 2
Clearfield, PA 16830
814-592-6608
Clfdccd.com

Future Projects Made Possible by the Additional Funding

- Continue implementation of the CAP
- Continue securing grants for on the ground restoration projects in the county
- Begin implementation of the ACAP



Clinton Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022 Kettle Creek Stream Stabilization

Resource Challenge

Severe erosion was identified along 500-feet of stream in an exceptional value section of Kettle Creek.

Project Summary and Results

More than 400 feet of streambank stabilized using modified mudsills and more than 400 feet of stream habitat improved for trout.

Key Project Partners

Trout Unlimited, PA Fish & Boat Commission, Kettle Creek Watershed Association, Lucky 7 Camp



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Began the construction of two manure storage facilities for local farmers (pictured above).
- Staff were able to write more than 30 manure plans and 15 Agricultural Erosion and Sedimentation plans at no cost for local farmers.
- The District held a Summer's in the Park event, as well as a Conservation Field Days, Farm City Family Festival and a County Envirothon that reached more than 1,500 local students.
- Provided local road-owning entities with \$200K in funding to eliminate erosion and sedimentation along dirt, gravel and low volume paved roads.

Funding Brought to the
County from Conservation
District Efforts:
\$859,000

Contact Information

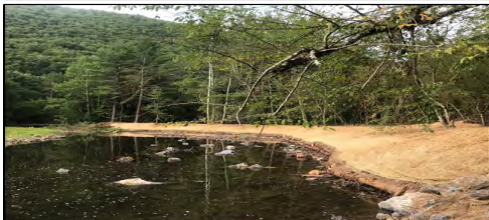
Wade Jodun
District Manager

Dr. Ralph Harnishfeger
Board Chairman

45 Cooperation Lane
Mill Hall, PA 17751

Future Projects Made Possible by the Additional Funding

- A joint project with PA Fish and Boat and Mill Hall Borough to improve trout habitat along the section of Fishing Creek that runs through Mill Hall.
- Construction of two additional manure storage facilities for local farmers.



Columbia County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

Funding Brought to the
County from Conservation
District Efforts:
\$2.3 Million

Contact Information

Nancy Corbin
District Manager

Donald Edwards
Board Chairman

702 Sawmill Road, Suite 103
Bloomsburg, PA 17815
570-317-9477
www.columbiaccd.org

Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Ag Projects: Work on nine ag projects with four completed, including the calf barn featured at left, cropland conversion, and a heavy-use area and manure storage to reduce nutrients to waterways. 1.5 acres of wetlands constructed to help filter and reduce runoff, as well as create habitat for wildlife.
- E&S: Compliance support and inspections for pollution control on construction projects. 14 NPDES permits were issued for over 450 project acres and 225 disturbed acres. 26 stream permits were issued for stream work.
- Stream Restoration: 7,800 linear feet of streambanks were restored at 10 properties. Streambank restoration stabilizes banks, reduces future erosion, and provides habitat.
- Environmental Education and Outreach: The CCCD held many educational events and outreach activities throughout the year, but the 1st Annual Susquehanna Valley Watershed Festival was definitely the highlight of our year!

Future Projects Made Possible by the Additional Funding

- This increased funding will allow for more conservation projects in the future, including a new staff member to focus on agriculture work.



Susquehanna Valley Watershed Festival



Roofed Calf Barn

BMP Project

Accomplished in 2022

Briar Creek Watershed Barnyard Improvement

Resource Challenge

Deposition of manure nutrients and sediment to a local creek due to dairy calves being housed on an unimproved, earthen lot.

Project Summary and Results

This resource concern was corrected by constructing a roofed calf barn with a concrete floor at a new location several hundred feet from the nearest stream. This eliminated the chance of nutrients entering the waterway and improved operational efficiency for the farmer. Funding was provided by the PA DEP-

Chesapeake Bay office through the Countywide Action Plan (CAP) grant program.



Crawford County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Woodcock Creek Habitat Improvement

Resource Challenge

Areas along Woodcock Creek were eroding due to existing nearby structures and land use.

Project Summary and Results

The project included nearly 300 ft of habitat improvement encompassing 3 single log vanes, 1 log framed stone deflector, 1 root wad deflector and 140 ft of modified mud sill.

Key Project Partners

PA Fish & Boat, Habitat Division, Allegheny College, Watershed Conservation Research Center, Crawford County and the local Municipality.



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Completed delegated activities.
- Continued lake quality monitoring program.
- Provided flexible environmental education programs.
- Completed two DGLVR projects.
- Completed two nutrient management plans.
- Completed agricultural best management practices on two farms.

Funding Brought to the
County from Conservation
District Efforts:
\$1,472,739.62

Contact Information

Tracey J. Crawford
District Manager

Robert J. Waddell
Board Chairman

21742 German Road
Meadville, PA 16335
814-763-5269

www.crawfordconservation.com

Future Projects Made Possible by the Additional Funding

- Implement best management practices on local farms.
- Increase preserved farmland within Crawford County.



Cumberland County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022 Yellow Breeches Trout Habitat and Stream Bank Restoration at Allenberry

Resource Challenge

Lack of aquatic habitat, stream bed degradation, and stream bank erosion.

Project Summary and Results

Rocks and logs were used to mimic natural stream conditions to create habitat and bank protection while stabilizing 4,040 feet of stream. A total of 43 structures were constructed with 93 rock clusters placed.

Growing Greener Grant: **\$255,980.00**

Key Project Partners

Department of Environmental Protection:
Growing Greener Plus, US Fish and
Wildlife Service, Allenberry Resort, Dave
McMullen Consulting, Foundation for
California Univ. of PA



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- **Conservation Excellence Grant (CEG) – E. Wickard** established a 4,480 sq. ft. roofed heavy use area with manure stock pad that will reduce nitrogen and phosphorus runoff
\$ 154,747.80 cost-share
- **Dirt, Gravel, and Low Volume Roads**
\$ 105,000.00 contracted for DGR funding for 1 project
\$ 211,838.21 contracted for LVR funding for 5 projects
Projects included drainage work and road surface to reduce sediment runoff in 4 municipalities
- **Cover Crop Incentive Program**
2,922 acres cost shared by **65** participating farmers
Total cost share: **\$ 87,450.00** through National Fish and Wildlife Foundation and Marcellus Shale Unconventional Gas Fund and CEG funding
- **Agricultural Compliance Inspections**
97 inspections completed under the Chesapeake Bay Program

Funding Brought to the
County from Conservation
District Efforts:
\$ 2,246,288.21

Contact Information

Carl Goshorn
District Manager

Duff George
Board Chairman

310 Allen road, Suite 301
Carlisle, PA 17013
717-240-7812

www.cumberlandcountypa.gov/cd

Future Projects Made Possible by the Additional Funding

- **Conservation Excellence Grant (CEG)** Additional Ag Best Management Practices: **\$1,554,770** with **5** projects (\$1.3 M committed) for construction in 2023
- **Ag Conservation Assistance Program (ACAP):** Over **\$3 Million** allocated to Cumberland CCD for ag BMPs to be completed by December 31, 2026.



Dauphin County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022 Hemlock Road Restoration

Resource Challenge

Sediment Pollution to a High-Quality Designation stream in Dauphin County

Project Summary and Results

Over 4700' of road was in desperate need of repair to stop sediment pollution.

- 2500 tons of 2A Fill
- 7 cross pipes
- 35 tons of gabion rock
- 7 turnouts
- 3300 tons of Driving Surface Aggregate

Key Project Partners

- Jefferson Township
- State Conservation Commission
- Center for Dirt and Gravel Roads



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Work with Dauphin County Municipalities on the innovative Water Resource Enhancement Program, implementing projects to both meet MS4 Permit requirements and reduce pollution loads to Chesapeake Bay.
- Preserve over 700 acres of Agricultural Lands in Dauphin County.
- Assist Dauphin County farmers mitigate nutrient pollution and meet regulatory requirements by writing Manure Management plans for 14 Ag operations.
- Monitor water quality at over 20 sample sites throughout Dauphin County as Part of our Countywide Stream Assessment Program. (CSAP). CSAP samples every watershed within Dauphin County on a five-year rotation to provide long-term real time water quality monitoring within Dauphin County.

Funding Brought to the
County from Conservation
District Efforts:
Over \$600,000.00

Contact Information

Eric A. Naguski
District Manager

Tim Wentzel
Board Chairman

1451 Peters Mountain Rd
Dauphin, PA 17018
717-921-8100
www.dauphincd.org

Future Projects Made Possible by the Additional Funding

- Countywide Buffer Initiative
- Agricultural BMP implementation



Delaware County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Smedley Park Water Quality Basin - Restoration

Resource Challenge

Existing Water Quality Basin had no functioning outlet; the trench drain, emergency spillway was not connected to basin, sediment deposition from flooding, damage from 4x4 vehicles.

Project Summary and Results

\$65,000 LVR funding – Basin surrounded with Guide Rails, Sediment Removed, outlet pipe enlarged, and backflow preventer installed on outlet barrel.

Key Project Partners

Delco. Public Works, Delco. Parks and Recreation, and the Conservation District's Low Volume Road Program



Thanks to the General Assembly's Conservation District allocations, we were able to take these actions to reduce pollution

- \$2,500 – Illicit Discharge training to County Facility Manager to meet our MS-4 permit requirements.
- \$2,000 – Fair Acres Basin Naturalization Project. Over 800 Native shrubs and plugs were planted to improve water quality.
- \$6,624 – Smedley Park Multi-function Riparian Buffer Project with a Live Stake Planting Nursery for material source for future streambank stabilization projects.
- \$9,188.86 – Haverford Township Multi-function Riparian Buffer Project, removal of invasive species and restoration of 2.4 acres of buffers.
- 51 NPDES Permits reviewed and Acknowledged and 27 Chapter 105 General Permits.
- 276 Erosion and Sediment Control Plans reviewed.



Funding Brought to the
County from Conservation
District Efforts:
\$290,004.73

Contact Information

Edward Magargee
District Manager

Cheryl Graff-Tumola
Board Chairman

1521 North Providence Road
Media, PA 19063
(610)892-9484
<https://www.delcocd.org/>

Future Projects Made Possible by the Additional Funding

- Purchasing of an Electric UTV to share with the County Parks Department to maintain and inspect our growing trail network.
- Converting our Permitting System to allow Electronic Submissions. Scanning our current permits into digital format.

Elk County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Dent's Run Streambank Stabilization

Resource Challenge

Over 6 inches of streambank were eroding into a wild trout stream each year.

Project Summary and Results

The streambank was stabilized with rootwads, riparian plantings, log deflectors & large riprap.

Key Project Partners

DCNR, Cameron Co. CD, Headwaters RC&D, The Western PA Conservancy



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Clarion River Cleanup- almost 1,000 pounds of trash removed from the Clarion River. Partnered with the St.Marys Area High School.
- Sandy Beach Habitat Project- Improved fish habitat at Sandy Beach park in Ridgway Township near proposed handicap fishing pier.
- Riparian Plantings- Conducted 3 riparian tree plantings this year in three different watersheds.
- Education- Educated over 200 adults and students this year on the various types of pollutants and how to prevent them.

Funding Brought to the
County from Conservation
District Efforts:
\$586,006.61

Contact Information

Kate Wehler
District Manager

Russ Braun
Board Chairman

850 Washington Street
St.Marys, PA 15857
814-776-5373

<https://www.co.elk.pa.us/index.php/conservation-district-homepage>

Future Projects Made Possible by the Additional Funding

- West Creek Abandoned Mine Drainage Treatment System
- Farm improvements across the County are already underway!



Erie County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

12 Mile Creek Restoration

Resource Challenge

Sediment and nutrient loading into Lake Erie Tributary, 12 Mile Creek.

Project Summary and Results

Restoration of approximately 300' of streambank and streambed adjacent to orchard and vineyard. A high value project totaling \$60,000.

Key Project Partners

- Great Lakes Restoration Initiative
- PA Department of Environmental Protection–Coastal Zone Management



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Reduce sediment run-off on environmentally focused dirt and gravel road infrastructure projects. The Dirt & Gravel/Low Volume Road Program is essential in the partnerships between ECCD and Erie County municipalities.



- Tree Planting! ECCD and PSU Master Watershed Stewards plant trees for a "Live Stake Nursery", for future planting projects.

Funding Brought to the County from Conservation District Efforts:
\$1,400,000

Contact Information

Tom McClure
District Manager

Francis Surovick
Board Chairman

1927 Wager Road
Erie, PA 16509
814-825-6403

www.erieconservation.com



Future Projects Made Possible by the Additional Funding



- Manure storages – funded by the ACAP Program



Fayette County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

Projects Accomplished in 2022

- The Fayette County Conservation District has worked in conjunction with Kings Agriseed to promote a cover crop test plot program. We have several operations in the county that are using multi-species cover crops seeded the summer of 2022. The FCCD paid for up to 5 acres worth of seed per participant. We will have some info and results in the spring of 2023 along with a field and crop walk.
- Using Act 13 money and FCCD general funds, the District has worked towards an “In-house” program called Fayette Agricultural Resource Management “F.A.R.M” to assist Farmers and Landowners in the county. In these efforts, we were able to install BMPs such as streambank fencing, and many acres were improved with the lime cost share.
- Two dirt and gravel road projects were completed for \$151,501.44. Three low volume road projects were currently under contract for \$261,693.28.
- Partnered with Jacobs Creek Watershed Association to hold 2 nature camps: Tot Time and Nature Explorers. 85 children and adults attended.

Thanks to the General Assembly’s conservation district allocations, we were able to take these actions

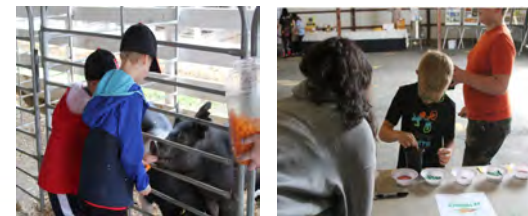
- Working with Southern Laurel Highlands Plant & Pest Management Partnership (SLHPPMP), we treated 1,387 acres of land for mixed invasive plant species across 3 properties.
- Grew native plants (perennials, shrubs & trees) to be sold to the community and to be used for restoration plantings. We also planted out approximately 4.5 acres as restoration plantings on our member properties.. The group also held various educational outreach activities including a booth at the County Fair, workshops, etc.
- Partnered with Mountain Watershed Association to serve on the steering committee for the Youghiogheny Rivers Conservation Plan Update, serves on the PA Governor’s Invasive Species Council Survey & Control Workgroup for PRISMs and served on the Back Creek Critical Area Resource Plan.
- Former intern was hired as a Resource Conservation Technical to assist mainly with E & S plan reviews and other programs as needed.
- Envirothon 2022 was back in person with 3 high schools fielding 6 teams. Awarded four \$1,500 scholarships to Fayette County students.
- Held Wild About Nature event for all ages that reached 800 participants.
- With several partners, hosted a free “Creepy, Crawly Trick or Treat Trail” to provide families a “haunted” night hike through a local park with stops to receive brief educational programming on various “creepy” nature topics. Ninety-five individuals participated in the hike along with an additional 25 volunteers.
- Purchased a John Deer no-till corn planter for landowner use.



Contact Information
Doug Petro
District Manager

Don Bowser
Board Chairman

10 Nickman Plaza
Lemont Furnace, PA 15456
724-438-4497
www.fayettcd.org



Forest County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

East Hickory Creek

Resource Challenge

Severe erosion threatening a local bridge.

Project Summary and Results

We installed one 75 foot long saw-toothed mudsill with extended sill logs, rock j-hooks, and random boulders.

Key Project Partners

Western Pennsylvania Conservancy
Forest County Conservation District



Thanks to the General Assembly's conservation district allocations, we were able to take these actions.

- 2 Dirt & Gravel Projects Completed with a total Project Value of: \$113,429.00.
- 1 Low Volume Project Completed with a total Project Value of \$69,822.00.
- Russell M Smith Scholarship awarded to one Forest County Student.
- The District was able to purchase it's first District truck.

Funding Brought to the
County from Conservation
District Efforts:
\$452,395.00

Contact Information

Donna Lynn Zofcin
District Manager

Todd Huth
Board Chairman

526 Elm Street, Box 4
Tionesta PA 16353
814-755-3450
www.co.forest.pa.us

Future Projects Made Possible by the Additional Funding

- Council Run Stormwater Project valued at \$ 31,250.00
- North Country Trail segment relocation for a cost of \$8,000.00



Franklin County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

PADDY RUN STREAM RESTORATION PROJECT

Resource Challenge

- Loss of land resulting from erosion
- Severely over-widened and shallow stream with a slow flow
- Lack of fish habitat diversity

Project Summary and Results

- Over 30 fish habitat and stream bank stabilization structures installed to protect and restore a 1,300-foot stretch of Paddy Run headwaters
- Planting/Establishment of new trees
- Visible stream changes in less than 3 months (small fish now observed)

Key Project Partners

- PA Fish & Boat Commission
- Western PA Conservancy
- Snavely's Garden Center
- Flyway Excavating
- Multiple landowners



Completed CAP Project: Roofed Manure Stack Pad

Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution:

- Increased CD staff salaries to help with retention and efficiency
- Hired additional Ag Tech to help with workload
- Ag Conservation Programs:
 - CAP projects: Funded 5 contracts = \$1,025,424
 - CEG projects: Funded 5 contracts = \$427,992
 - Streamside Grass Buffer: Funded 2 contracts = \$33,199
Enrolled 9.72 acres with 4 landowners*Ag projects include roofed manure stack pads, roofed animal heavy use areas, liquid manure storages, animal trails and fencing, pasture watering systems, etc.*
- CAP BMP Verification Accomplishments:
 - Verified 245 BMPs from 80 farm visits
- Ch. 102 NPDES program:
 - Issued 80 General PAG-2 permits
 - Completed 336 site inspections
 - Hosted E&S Design Professional Workshop
- Act 38 – Reviewed and approved 18 plans
- MMPs & Ag E&S Plans – Developed 10 Plans (each)
- Coordinated Tree Planting: 1.12 acres

Funding Brought to the
County from Conservation
District Efforts:
\$3,500,000

Contact Information

Dave Stoner
District Manager

Evan Burkholder
Board Chairman

185 Franklin Farm Lane
Chambersburg, PA 17202
717-264-5499
www.franklinccd.org

Future Projects Made Possible by the Additional Funding

- Implementation of Agricultural Conservation Assistance Program with \$6 Million for Ag BMPs over next four years
- More stream restoration projects
- Expansion of MMP and Ag E&S plan development

BEFORE

AFTER



Fulton County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project
Accomplished in 2022

Kerper Tract Streambank Stabilization Project

Resource Challenge

Streambank erosion and instability, flooding impacts to State Route 928.

Project Summary and Results

Constructed a series of streambank stabilization and fish habitat enhancement structures along 1,200 feet of Big Cove Creek.

Key Project Partners

Trout Unlimited, DCNR Bureau of Forestry and PENNDOT



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Retain trained and talented staff to effectively administer a variety of pollution reduction programs on behalf of the Commonwealth. With the additional funding, the District was able to significantly increase staff salaries and benefits to match comparable positions at state and federal partner agencies. Employee retention promotes the overall health and success of the organization.
- Implement a variety of projects funded by the following programs: the Dirt, Gravel & Low Volume Road Maintenance Program, the Countywide Action Plan (CAP) Implementation Grant Program and the Growing Greener Grant Program.

Funding Brought to the
County from Conservation
District Efforts:
\$1.2 million

Contact Information

Seleen Shives
District Manager

Wayne MacDonald
Board Chairman

173 Snowy Lane
McConnellsburg, PA 17233
717-325-6096

www.fultoncountyconservationdistrict.org

Future Projects Made Possible by the Additional Funding

- Cover Crop Incentive Program for county farmers
- Various ag BMP projects to be implemented with CAP and Agricultural Conservation Assistance Program (ACAP) funds



Greene County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Willis Farm Stream Stabilization and Fencing

Resource Challenge

Sediment and nutrient loads Pumpkin Run

Project Summary and Results

This project stabilizes streambanks and installs agricultural best management practices to directly improve water quality in an impaired stream by addressing pollution sources identified in the Pumpkin Run TMDL.

Key Project Partners

The Willis family, Partners for Fish and Wildlife and DEP.



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Held a field day where county farmers met with experts in agricultural practices and animal health to learn how managed grazing can improve their operation and promote herd health all while keeping soils healthy and water clean.
- Collected and recycled 3,478 tires from across the county as part of the West Nile Virus monitoring & mosquito control program.
- Partnered with townships to improve and protect water quality by installing best management practices on 10 projects with dirt, gravel and low-volume roads funds
- Provided technical and financial assistance to implement best management practices on 65 farms through the GRACE program that is funded with Act 13 funds.

Funding Brought to the
County from Conservation
District Efforts:
\$671,000

Contact Information

Lisa Snider
District Manager

James Cowell
Board Chairman

22 West High Street, Suite 204
Waynesburg, PA 15370
724-852-5278

<https://www.co.greene.pa.us/departments-conservation-district>

Future Projects Made Possible by the Additional Funding

- Cree Farm BMP Implementation
- Hilverding Farm BMP Implementation
- South Fork Tenmile Creek Water Obstruction Removal



Huntingdon County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

2022 Feature Project

Kelly Farm, Dublin Township

Resource Challenge

- Steep, eroding streambanks
- Loss of pasture, lack of fencing



Project Summary and Results

- 567 feet streambank fence installed
- New stabilized watering system
- 1,800 feet streambank restoration
- 450 native trees and shrubs planted

Key Project Partners

US Fish & Wildlife Service
NRCS
DCNR



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Conservation on the Farm
 - New manure storage constructed on a poultry operation
 - Rotational grazing system installed for a beef farmer
 - Silage leachate collection system on a dairy operation
 - 10 Nutrient Management Plans reviewed (14,500 acres)
 - 31 acres of new forest riparian buffers
 - 2,633 acres of new countywide cover crop incentives
- Community Engagement
 - 615 students engaged in educational programs
 - 25 volunteers at the Juniata River Cleanup
 - 1800 lbs. trash and 59 tires cleaned from the Juniata River
 - 1196 tires recycled at the 16th Annual Tire Collection
- Dirt & Gravel and Low Volume Roads
 - 2 stream crossing replacements
 - 1.18 miles of roadway improvements (cross pipes, underdrain, French mattresses, driving surface aggregate)
- Construction permits
 - 19 E&S plans & NPDES permits reviewed
 - 35 Site inspections
 - 17 Complaint responses
- 204 technical assistance contacts provided to county citizens

Funding Brought to the County from Conservation District Efforts:
\$834,704

Contact Information

Celina Seftas
District Manager

Jeff Thomas
Board Chairman

10605 Raystown Road – Suite A
Huntingdon, PA 16652
(814) 627 – 1626 x 5
Huntingdoncd.org
manager@huntingdonconservation.org

Future Projects Made Possible by the Additional Funding

- Launch the new Agricultural Conservation Assistance Program and continue Countywide Action Plan
- 5,000 acres cover crop incentives
- 5 acres new riparian buffer
- 5 Dirt & Gravel projects
- 3 Low Volume Road projects
- 1 stream crossing replacement



Indiana County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

2022 FEATURE ACCOMPLISHMENT

USDA Commonwealth Specialty Crop Block Grant Program

Resource Challenge



Indiana County has long been known for its rich agriculture. As industry dynamics have shifted, local farmers face financial insecurity related to crop output and many citizens fail to buy and eat nutritious crops that are grown locally.

Project Summary & Results



ICCD received a USDA Specialty Crops Block Grant with the goal of emphasizing to farmers, consumers, and the local food industry, the importance of growing specialty crops. This year, two local community gardens were established and a food forest was expanded to utilize for hands on education.

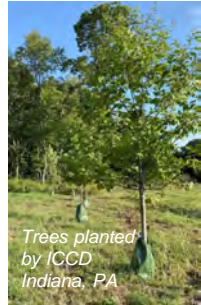
Key Project Partners

Indiana County Community Garden, Chevy Chase Community Garden, Indiana Career and Technology Center

Funding Brought to the County from Conservation District Efforts:
\$920,000

Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Funded 17 Dirt/Gravel & Low Volume Road Projects (DGLVR) totaling over \$682,000 in grants to local municipalities to reduce pollution in the waters of the Commonwealth.
- Planted over 1,800 trees in riparian buffer zones.
- Expanded our conservation education footprint with a focus on underserved communities.



OTHER ACCOMPLISHMENTS



- Celebrated ICCD's 75th Anniversary with local citizens, staff, partner agencies, and local legislators.
- Received a second USDA Commonwealth Specialty Crop Block Grant
- Secured a grant to grow hops and barley for local craft beer brewer.
- Issued 6 NPDES permits and reviewed 11 General Permits.
- Led and participated in 18 education events for 669 students and 84 adults.
- Partnered with First Waves to provide experiences in conservation, river surfing, standup paddleboarding, and filmmaking for underserved youth in Indiana County.
- Continued to execute and plan DGLVR projects (East Mahoning Township, Pollock Road, Center Township, and more).

FUTURE PROJECTS

- Develop and host local gardening workshops
- Ongoing education outreach in local schools
- Partner with local breweries to process hops and barley to brew for consumption
- Heavy use area construction for beef producer
- Rotational grazing system, watering systems, and streambank fencing for a beef producer

CONTACT INFORMATION

Executive Director Board Chairperson
Douglas M. Beri, Jr. **Sherene Hess**

435 Hamill Road
Indiana, PA 15701
724.471.4751
www.iccdpa.org



Jefferson County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project
Accomplished in 2022

Spring Creek Road 22

Resource Challenge

A wild trout stream was being impacted by sediment runoff from Spring Creek Road.

Project Summary and Results

By improving site drainage and stabilizing the road base, sediment was prevented from reaching the stream.

Key Project Partners

Heath Township & PA Game Commission



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Held a Grazing Field Day, Conservation Workshop, Western PA Grazing Conference to promote conservation practices to over 200 area farmers.
- Distributed 184 soil sample test kits to area farmers to help improve the nutrient management on their farm.
- Re-establishment of a 6th grade Envirothon that had been discontinued for several years.



Funding Brought to the
County from Conservation
District Efforts:
\$1,069,557

Contact Information

Shaun R. Wessell
District Manager

Herb Bullers
Board Chairman

1514 Route 28
Brookville, PA 15825
(814) 849-7463

www.jeffersonconservation.com

Future Projects Made
Possible by the
Additional Funding

- Increased Environmental Education Outreach Opportunities
- Increased Fish Habitat Enhancement Projects
- Increased AMD treatment



Juniata County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project
Accomplished in 2022

Stoney Run Road

Resource Challenge

- Reduce road runoff sedimentation into Stoney Creek Run

Project Summary and Results

- Applied DSA to 2,885 feet of road length at 18-20 feet in road width

Key Project Partners

- Monroe Township Supervisors
- Jay Fulkroad & Sons



BEFORE



AFTER



Thanks to the General Assembly's conservation district allocations, we will increase capacity to....

recruit Riparian Rangers to install and maintain Juniata County's riparian buffers



host soil health and environmental education workshops



participate in more community events across broader demographics



provide curriculum enhancements and resources to school science and agriculture departments



Funding Brought to the County from Conservation District Efforts:
\$325,757

Contact Information

Christopher B. Snyder
District Manager

Eric Brubaker
Board Chairman

146 Stoney Creek Drive, Suite 4
Mifflintown, PA 17059
(717) 436-8953, ext. 5
www.juniataccd.org

Potential Projects Made Possible by Additional Funding

- Lions' Club Park Streambank and Fish Habitat Restoration
- Lost Creek Streambank Stabilization
- North Ridge Road Stream Crossing Replacement

Lackawanna County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

Projects Accomplished in 2022

- Preserved farmland on two additional operations totaling 163.9 acres.
- 375 acres planted using no-till technology.
- 2022 Junior and Senior High School Envirothon.
- Construction of Spring Development project and streambank fencing/stream crossing project through Lackawanna County Ag BMP program.
- Continued participating in Keystone 10 Million Trees initiative.
- Planted 7.6 acres of forest riparian buffer on three properties through a County Action Plan grant.
- Rented agricultural lime spreader to four producers.
- Completion of five projects under the district's Dirt and Gravel/Low Volume Road program.
- Successful seedling sale that provided three scholarships to county seniors.

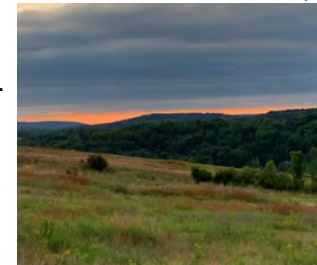


Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Administration of the Chapter 102 and NPDES permit programs.
- 127 development plan reviews and 132 site inspections.
- 30 NPDES permits authorized.

Future Projects Made Possible by the Additional Funding

- Administration of NPDES permit & Chapter 102 program.
- Administer Chesapeake Bay program.
- Administer Lackawanna County Conservation District's Ag BMP program., including the installation of BMP's on four or more operations.
- Administer Farmland Preservation Program including the addition of three new farm parcels in 2022.
- Administer Soil Health Enhancement program.
- Roaring Brook Streambank Stabilization project.
- Dirt and Gravel/Low Volume Road program administration.
- Install additional forest riparian buffers.



Contact Information

Jerry Stiles
District Manager

Jay Clymer
Board Chairman

1027 South Abington Road
South Abington Township, PA
18411

(570) 382-3086
www.lccd.net



Lancaster County Conservation District

2022 Accomplishments

Agricultural Conservation Program

Project dollars to landowner projects \$1.3 mill

Funds allocated through NRCS \$1.9 mill

- Awarded 31 projects with funding from a variety of programs including: CEG, CAP, Exelon CBAI Phase II, ARPA.
- Planned more than 1,300 acres with a Conservation Plan or Ag E&S Plan.
- Designed 155 Best Management Practices and Installed over 125 BMPs.
- Reviewed 102 Act 38 Nutrient Management Plans.
- Conducted status reviews of over 302 Act 38 regulated operations and/or CAFO's.
- Completed 203 Chesapeake Bay farm compliance visits.
- Expanded the Manure Injection Incentive Program from 15 to 48 participants.



Watershed Program

Project dollars totaling more than \$2.6 mill

- Installed 6 Continuous Instream Monitoring units in priority watersheds throughout the county.
- Nearly 1 mile of stream have been restored by the District's Watershed Program in 2022: Over 1,100 ft. of mounds installed, 9 log/cross vanes and over 6 acres of riparian buffer planted (2,000 trees/ shrubs planted).
- Assisted more than 10 local volunteer watershed associations with education, funding, monitoring, and volunteer recruitment.
- Expand our Buffer Maintenance Program.



Erosion & Sediment Control Program

Total Fees Generated \$735,670

The E&S Department administered the Chapter 102 program to help protect our natural resources from impacts of new development and construction projects, but dropped the 105 Program early in 2022 because of the significant workload and lack of funding.

| | |
|------------------------------------|-----|
| E&S Plans Reviewed | 292 |
| NPDES General Permits Processed | 140 |
| NPDES Individual Permits Processed | 20 |
| Site Inspections Conducted | 359 |
| Complaints Received & Processed | 288 |
| Enforcement Cases | 1 |

Dirt & Gravel Road Program and the Low Volume Road Program

Allocated to Municipalities \$475,000

The DGR and LVR programs assisted 9 municipalities with 10 road projects improving conditions on more than 6 mile of roadways and cleaner streams, creeks, and rivers throughout the county.

Conservation Education Program: \$80,971 Grants & Fees

- Conducted 122 educational programs involving 3,502 participants.
- Facilitated teacher professional development, "Outdoor Learning Network Initiative".
- Coordinate in-person events for each of the County's Envirothon events and LCCD's week-long Youth Conservation School.
- Expanded LCCD's social media platform and the new Grants Management system and Tree sale database management.
- Subcontracted with the South Central Task Force to complete "Stop the Bleed" and "Grain Bin Rescue" training and resources.
- Coordinated 23 fly complaint responses and assisted with multiple outreach events to inform and educate public officials about resources.

Grant Money Brought to the County in 2022 from Conservation District Efforts
\$8,289,786

Contact Information

Daniel Heller
Board Chairman

Christopher Thompson
Managing Director

1383 Arcadia Road, Room 200
Lancaster, PA 17601-3149
(717) 299-5361 ext. 5

www.lancasterconservation.org



More Work to Do

- Implement our 2020-2025 Strategic Plan.
- Finalize a Grants Management database system.
- Grow the Agricultural Conservation Assistance Program (ACAP) in Lancaster County.
- Move to digital operations for the 102 Program.
- Expand the Manure Injection Incentive Program
- Expand the Buffer Maintenance Program.
- Allocate \$12.7 million in project grants.
- Work to implement CAP goals and objectives.
- Install 8 more in-stream monitoring stations.
- Assist with County-wide \$7.4 mill RCPP .



Lawrence County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Chewton West Pittsburgh Road

Resource Challenge

Poorly managed stormwater and an unstable road surface were contributing sediment pollution to the Beaver River. In cooperation with Shenango Township utilized \$97,076 in grant funding to complete the final phase of improvements to this roadway.

Project Summary and Results

Better distribution of stormwater through installation of 4 new cross pipes and upgrading of 2 existing cross pipes including new headwalls. Road base improvement, new driving surface, and 2 embankment stabilizations were installed. Our municipal partner contributed \$24, 836 in kind to the effort.

Key Project Partners

Shenango Township



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Worked with NRCS to identify agricultural operations in Lawrence County in need of financial and technical assistance to install BMPs.
- Reviewed 45 erosion control plans, approved 4 Notices of Termination, and issued 8 permits on 375.61 total permitted acres for gas lines, commercial developments, timber harvests, and housing and retail developments.
- Held three workshops for the public on controlling stormwater at home and energy conservation, recycling, and reducing waste.
- Held environmental education events for students including a week-long Nature Camp for elementary age students and local Envirothon competition.
- Distributed 4,694 plants and trees through our Annual Tree Sale.

Funding Brought to the
County from Conservation
District Efforts:
\$904,149.98

Contact Information

JoAnn McCready
District Manager

Clifford Wallace
Board Chairman

430 Court Street
New Castle, PA 16101
724 652-4512
www.lawrenceccd.org

Future Projects Made Possible by the Additional Funding

- Stream bank restoration along the Slippery Rock Creek
- Agricultural BMPs and Manure Management plans on multiple farms.



Lebanon County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Hammer Creek Streambank Stabilization

Resource Challenge

Eroding streambanks created excessive siltation and decreased fish habitat.

Project Summary and Results

Stabilized 690 feet of streambank and constructed fish habitat enhancement structures, eliminating approximately 38,596 pounds of sediment annually.

Key Project Partners

Doc Fritchey Trout Unlimited, Aquatic Resource Restoration Company



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Assisted agricultural operators in developing 34 manure management plans covering 3,802 acres.
- Preserved 630 acres of farmland through five agricultural land preservation easements.
- Reviewed 81 plan submissions, 35 of which were for NPDES permit coverage.
- Recycled 3,167 automobile tires and 47 tractor tires during annual Tire Collection event.
- Distributed over 6,000 seedlings during annual Tree & Plant Sale event.
- Distributed 24 rain barrels & educated landowners about Lebanon Co. watersheds and non-point source pollution through Rain Barrel Workshop

Funding Brought to the
County from Conservation
District Efforts:
\$2,500,000

Contact Information

Katie Doster
District Manager

Randall Leisure
Board Chairman

2120 Cornwall Road, Suite 5
Lebanon, PA 17042
717-277-5275
www.lccd.org

Future Projects Made Possible by the Additional Funding

12 Waste Storage Facilities
4 Heavy Use Area Protections
3 Mortality Compost Facilities
1 Animal Trail & Walkway



Lehigh County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Johnson Farm Multifunctional Buffer

Resource Challenge

The Johnsons are a historically underserved, socially disadvantaged farmers with no financial means to expand their agricultural operations.

Project Summary and Results

Approximately 1.6 acres of riparian buffer was planted, including 7 species of fruit and nut trees. The landowners will harvest the trees and plan to start a small market stand/education with the produce and nuts.

Key Project Partners

The Johnsons



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Created a new position that will focus on current/emerging environmental concerns within our local community
- Increased our environmental outreach for both our urban and rural school districts
- Increasing our staff capacity in our NPDES permitting program to help improve permitting timeframes
- Increased our efforts to establish buffers in impaired watersheds

Funding Brought to the
County from Conservation
District Efforts:
\$540,000

Contact Information

Kevin Frederick
District Manager

William Erdman
Board Chairman

4184 Dorney Park Rd, Suite 105
Allentown, PA 18104
610.391.9583
www.lehighconservation.org

Future Projects Made Possible by the Additional Funding

- Develop solutions to address climate related impacts on local agriculture
- Develop an understanding of microplastic impacts on our local waterways



Luzerne Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022 Emergency Watershed Protection Projects

Resource Challenge

Streambank erosion from the remnants of Tropical Storm Ida in August of 2021 threatened homes and properties in Kingston & Dennison Townships.

Project Summary and Results

The district acted as the local sponsor, applying for state and federal disaster relief funds and coordinating the projects to stabilize the streams and protect two homes.

Key Project Partners

- USDA Natural Resources Conservation Service
- PA Department of Environmental Protection



Completed manure management project at Taylor Farm in Huntington Township

Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Completed **2** roofed manure storage and animal heavy use area stabilization projects on farms in Lehman & Huntington Townships.
- Authorized **71** NPDES Permits for construction activities, with average approval time of **85** business days.
- Responded to **74** complaints related to soil and water issues.
- **329** Erosion & Sediment Control Plan Reviews and **264** site inspections for earth disturbance activities in Luzerne County.
- Preservation of the **36th** farm in Luzerne County through administration of the county's Farmland Preservation Program, bringing the total preserved farmland to **3,890 acres**.
- **11.38 acres** of trees planted to establish riparian buffers to protect streams and reforest abandoned farmlands.
- Assisted **9** agricultural producers with REAP Tax Credit Applications.
- Provided **\$261,111** in municipal grant payments along with technical services for **11** projects to reduce sediment pollution from and improve storm water management, drainage, & road base/surfaces on local dirt, gravel, and low-volume paved roads.

Funding Brought to the
County from Conservation
District Efforts:
\$1,034,790

Contact Information

John (Jay) Wilkes, Jr.
Board Chairman

Joshua Longmore
Executive Director

325 Smiths Pond Road
Shavertown, PA 18708
570-674-7991
www.luzcd.org

Future Projects Made Possible by the Additional Funding

- Implement new conservation projects on farms and along streams, wetlands, and lakes.
- Provide additional natural resource conservation assistance to state and federal partners and Luzerne County municipalities, landowners, & land users.
- Increase education and outreach opportunities to promote the stewardship of natural resources.



Stream stabilization project along
Little Nescopeck Creek in Dennison Township



Lycoming County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Artley Farm

Resource Challenge

Failing manure storage.

Project Summary and Results

A new manure storage, stream bank stabilization, walkway stabilization, and work around the barnyard to control runoff.

Key Project Partners

We partnered with NRCS for this project and funding was through NRCS EQUIP and Growing Greener.



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Provide funding for Dunlap Stream restoration project. This project installed 95 section of muddill cribbing, 8 cross vanes, replaced 2 bridges, and restored 2,500 feet of stream length. Partners on this project include: The Chesapeake Conservancy, US Fish and Wildlife Service, Pheasants Forever, National Fish and Wildlife Federation, Department of Environmental Protection, County of Lycoming (Clean Water Action Plan), Foundation for California University.
- Creation of a special projects committee with funding to have plans and designs developed to correct agriculture issues on farms.
- Various office upgrades to allow staff to more easily and efficiently assist the local community.

Funding Brought to the
County from Conservation
District Efforts:
\$1,073,317

Contact Information

Matthew Long
District Manager

Paul Wentzler
Board Chairman

542 County Farm Road, Suite 202
Montoursville, PA 17754
(570) 433-3003

www.lyco.org/Departments/Conservation-District

Future Projects Made Possible by the Additional Funding

- Stahlnecker Farm Barnyard Project
- German Run Barnyard Project



McKean County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022 Hutchins Road Dirt & Gravel Road Project

Resource Challenge

Erosion and sedimentation deposition to UNT to Newell Creek.

Project Summary and Results

Placed 1,144 tons of road fill, installed new cross pipes, and stabilized 312 linear feet of eroded stream bank.

Key Project Partners

Annin Township and Penn State Center for Dirt & Gravel Road Studies.



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- The District will establish a Stewardship fund for the implementation of projects aimed at enhancing and restoring water quality and improving the quality of habitat in McKean County.
 - This includes the continuation of the District's streambank restoration program, as shown above.
 - Conduct assessment of Scaffold Lick Watershed to determine the appropriate AMD treatment.
 - Other water quality projects determined beneficial in protecting, maintaining and improving McKean County's natural resources.
- Purchase of a No-Till Drill allowing McKean County landowners to rent for the benefit of improved soil health, decreased costs and less erosion.



Funding Brought to the
County from Conservation
District Efforts:
\$1.8 million

Contact Information

Sandy Thompson
District Manager

Blaine Puller
Board Chairman

17137 Route 6
Smethport, PA 16749
814-887-4025

www.mckeanconservation.com

Future Projects Made Possible by the Additional Funding

Increased funding = staff retention, giving the district the opportunity to focus more on project implementation of water quality projects

- Ag. BMPs
- Stream restoration
- Acid Mine Drainage
- DGLVR Projects

Mercer County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Aquatic Invasive Species Education

Resource Challenge

Invasive species surveys conducted in the Shenango River Watershed to identify and confirm local threats.

Project Summary and Results

Purchased Invasive species stickers with 1-833-INVASIV number to encourage public awareness and response. Designed and implemented push-in signs with top 8 aquatic invasive species, as well as European Water Chestnut signs to be placed at popular launch sites in the county. Co-hosted a 3 day "Plant Camp" workshop for local teachers. Participated in Shenango River clean up events. Hosted a multi-agency Aquatic Invasive Species (AIS) Rapid Response Review. Held a virtual Pond Health Workshop with Penn State Ext.

Key Project Partners

Shenango River Watchers
DCNR, Pymatuning State Park
PA Lake Management Society
Sea Grant
Monica King



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Approve 1 CAFO Act 38 Nutrient Management Plan
- REAP funded \$39,175
- Held 2 agricultural conservation public workshops
- 2 Dirt & Gravel road maintenance contracts totaling \$312,254
- 2 Low Volume road maintenance contracts totaling \$259,330
- Almost 2,000 tree seedlings and wildflower seeds packets were sold at our annual Seedling Sale
- Reached 2,800 individuals through out various field trips to Munnell Run Farm and other educational programs
- Awarded PAEE's "Outstanding Environmental Education Program Award" for our work with the Climate and Rural Systems Partnership
- DEP Mosquito-borne Disease Control hub for Mercer, Crawford and Butler Counties. There were 600+ mosquito samples collected, 32 tick surveys and 10 educational programs conducted
- 17 General NPDES permits approved
- 22 Chapter 105 general permits
- Hired an additional Resource Conservation Technician
- Hosted county Envirothon
- Awarded the 1st annual Ross Paulenich Conservation Scholarship to a county high school senior pursuing conservation studies

Funding Brought to the County from Conservation District Efforts:
\$515,957

Contact Information

Jay Russell
District Manager

James P. Rust
Board Chairman

24 Avalon Court, Suite 300
Mercer, PA 16137
724-662-2242
MercerCountyCD.com



Mercer County
Conservation District

Future Projects Made Possible by the Additional Funding

- Implement ag conservation practices through the Agricultural Conservation Assistance Program (ACAP)
- Complete additional Dirt & Gravel and Low Volume Roads projects
- Conduct public education workshops on invasive species
- Continue to offer the Ross Paulenich Conservation Scholarship
- Host additional environmental education public workshops

Mifflin County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Jack's Creek Stream Restoration

Resource Challenge

Jack's Creek is listed as impaired for recreation and fish consumption uses. This specific stream reach suffered from bank instability and excessive sedimentation. This watershed was also identified as a priority area for nitrogen and sediment reductions through the Mifflin Countywide Action Plan.

Project Summary and Results

- 3,890' stream restored
- 2,155' mudsill
- 13 rock cross vanes
- 2 log vanes

Key Project Partners

MCCD, PA DEP, PA Game Commission, US Fish and Wildlife Service, Penn's Creek Chapter of Trout Unlimited, Herbert Rowland & Grubic Inc., and Tri County Regional Planning Commission



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Complete projects (agricultural BMPs, stream restoration, trails and greenways, stormwater facilities) that achieve water quality goals, countywide action plan goals, and nutrient and sediment reductions.
- Increase capacity to provide technical assistance, outreach, and education to landowners, public agencies, and residents of Mifflin County.
- Continue surface water quality assessment and monitoring of watersheds throughout the county.
- Expand partnerships and opportunities for collaboration with community/public organizations, state & local government, and conservation partners.



Funding Brought to the
County from Conservation
District Efforts:
\$902,400

Contact Information

Trevor Weaver
District Manager

Cathy Haughwout
Board Chairwoman

20 Windmill Hill, Suite 4
Burnham, PA
717-248-4695
www.mifflinccd.com

Future Projects Made Possible by the Additional Funding

- Continued Ag BMP implementation in priority watersheds
- Fish habitat/stream restoration projects in partnership with PFBC, WPC, & USFWS
- Riparian forest buffer plantings
- Planning for public trails and greenways
- Green stormwater infrastructure projects and floodplain/wetland restoration
- Surface Water Quality Assessment

Monroe County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for Conservation Districts!

BMP Project
Accomplished in 2022

Pocono Township
Park Lane Culvert

Resource Challenge

Failure of municipal stream crossing causing stream degradation. Existing structure was undersized.

Project Summary and Results

A 4ft metal pipe was replaced with a 15ft metal culvert with a full stream restoration ensuring stream continuity and aquatic organism passage.

Key Project Partners

Pocono Township, Center for Dirt & Gravel Roads



Thanks to the General Assembly's Conservation District allocations, we were able to take these actions to reduce pollution

- Prepare and receive approval on a countywide Act 167 Stormwater Management Plan.
- Monroe County engineers provided statewide training to PA DEP and Conservation District staff .
- Conducted a 2022 NPDES permit workshop to educate area municipalities and consultants.
- Facilitated County Envirothon and hosted Regional Oral Component for the State Envirothon .
- Conducted an annual water quality study of over 40 county locations in coordination with the Monroe County Planning Commission.
- Completed a districtwide Strategic Plan.
- Began a stream restoration project on the Sand Spring Run, headwaters to the Pocono Creek, via a Growing Greener Grant.

**Funding Brought to the
County from Conservation
District Efforts:**
\$1,245,149.77

Contact Information

Kristina Heaney
District Manager

Robert Armstrong
Board Chairman

8050 Running Valley Rd
Stroudsburg, PA 18301
570-629-3060

mconconservation.org

Future Projects Made
Possible by the
Additional Funding

- Funding assistance to area farmers to promote water quality best management practices (BMPs) through the Agricultural Conservation Assistance Program
- Continuing education and outreach opportunities for the regulated public.



Montgomery County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Montgomery County Conservation District partnered with local watershed organizations, municipalities, academic institutions, and volunteers to complete 14 riparian buffer projects across 12.25 acres. Through these projects, MCCD and community partners planted over 1,914 native trees and shrubs along priority stream corridors and stormwater management facilities to capture runoff, reduce soil erosion, improve water quality, enhance habitat conditions, and provide educational opportunities. Funding for these projects was made possible by the Tree Vitalize Watersheds Grant program, managed by the Pennsylvania Horticultural Society and local conservation districts, with funding from the Pennsylvania Department of Environmental Protection's Growing Greener program, PECO and Aqua, an Essential Utilities company. These projects (alone) leveraged over \$82,157.04 in local matching funds and in-kind contributions (which included over 2,142 volunteer hours).



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution and provide environmental education

- Assisted Perkiomen Valley Trout Unlimited to secure a grant from PA DCNR to implement a stream bank stabilization and fish habitat improvement project along Perkiomen Creek.
- Partnered with Upper Dublin Township and Perkiomen Watershed Conservancy to complete 2 PACD Multifunctional Riparian Forest Buffer grant projects encompassing 3.8 acres in the Wissahickon Creek and Perkiomen Creek watersheds.
- Assisted 2 landowners in the Wissahickon Creek and Perkiomen Creek watersheds to secure and plant 1,100 native tree seedlings through the Keystone 10 Million Trees Partnership.
- Partnered with Valley Forge National Historic Park and other partners in delivering a "Fall Homeschool Day" educational event to over 2,000 students and park visitors.
- Partnered with Upper Perkiomen Trout Unlimited in delivering two "Trout in the Classroom" educational programs to approximately 80 students from Christopher Dock High School and Upper Perkiomen Middle School.
- Worked with agency partners and MCCD staff to deliver County Envirothon event to 55 students from five local high schools.
- Hosted an educational event titled "Equine Grazing Management" in Spring 2022
- Ag conservation: Through our no-till drill seeder rental program, farmers planted over 115 acres in conservation tillage, protecting soil and water quality in Montgomery and surrounding counties.



Funding Brought to the County from Conservation District Efforts:
\$400,000.00

Contact Information

Jessica Buck
District Manager

Sara Erlbaum
Board Chairman

143 Level Road
Collegeville, PA 19426
www.montgomeryconservation.org

Future Projects Made Possible by the Additional Funding

We will continue to fulfill our mission by continuing to be adaptable, innovative, and responsive to the partners and communities that we serve. We will continue to build capacity and expand our partnership with municipalities, community groups and residents through the county to protect and improve our water resources.



Montour County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project
Accomplished in 2022

Sunnybrook Stream Project

Resource Challenge

200' long vertical cut bank

Project Summary and Results

Stabilized roughly 450' of Mahoning Creek by installing fish habitat structures

Key Project Partners

Northcentral PA Conservancy
PA DEP
Sunnybrook Park
Valley Township Supervisors
Danville High School



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- **Raup Project**
 - This stream project addressed roughly 600' of unstable banks along Beaver Run.
- **Wilson Fencing Project**
 - This project created 23 acres of pasture. This reduced the pressure on the pasture and eliminated a large animal concentration area.
- **Fanelli Project**
 - This project addressed roughly 400' of stream that was severely entrenched due to poor stormwater management up-stream. This project will prevent the stream from digging itself any deeper and reduce the amount of sediment flowing downstream.
- **Kelly's Dam Road Project**
 - A 450 feet long high-water bypass was installed to provide a place for water to flow during flood events without damaging the roadway.

Funding Brought to the
County from Conservation
District Efforts:
\$275,000.00

Contact Information

Sean Levan
District Manager

Mathew Derr
Board Chairman

1210 Bloom Road
Danville, PA 17821
570-271-1140
montourccd.com

Future Projects Made Possible by the Additional Funding

- Rine Roofed Barnyard Project
- Stark Roofed Barnyard Project



Northampton County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

2022 Feature Accomplishment

AERIAL COVER DROP SEEDING

Resource Challenge: Limiting top soil erosion and improving quality of the soil in seasonally fallow farm fields.

Project Summary and Results: The project applied cover crop by aerial seeding 3 to 4 weeks prior to harvest of the cash crop to promote earlier germination to prove better cover. Increased the area planted from 114 in 2021 to 242 acres.

Key Project Partners: Northampton County Conservation District; Northampton County Parks & Recreation; Northampton Farmlands Preservation; NRCS



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

NPDES Permit Program – Received 97 permit applications for review through December 9. Issued 26 General permits, 12 Individual Permits and 12 amendments to existing permits. One application was withdrawn. Investigated 47 complaints. 20 were resolved and closed with 19 ongoing. Eight were referred to other agencies with 5 being closed and 3 ongoing. Issued the Notice of Termination for 60 permits going back to 1998.

Erosion & Sediment Control Plan Reviews – Reviewed 30 E & S plans for adequacy to initiate earth disturbance activities.

Riparian Buffers – planted 3,500 LF of riparian buffers and maintained and monitored 3,200 LF.

Spotted Lantern Fly – Worked with a local winery to provide funding for an experimental program to protect grapevines from infestation and hold an educational event on control of this invasive species.

Grant Money Brought to the County from Conservation District Efforts:
\$1,039,654

Contact Information

Dion Campbell
District Manager

Jeffrey Keifer
Board Chairman

14 Gracedale Avenue
Nazareth, PA 18064-9211
610-829-6276

Northamptoncd@northamptoncd.org
www.northamptoncounty.org

More Work to Do

- Increase education and outreach to encourage more agricultural producers to participate in the cover crop program.
- Increase municipal participation in the SCC/PSU Dirt, Gravel and Low Volume Road program.
- Increase inspection of NPDES permitted sites to monitor compliance
- Dirt Road Program - Long Road Improvements and Stream Crossing Replacement, Plainfield Township
- Low Volume Roads Program - Reading Road Culvert Replacement Lower Saucon Twp.



Northumberland Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Schwaben Creek 2022

Resource Challenge

Site access and material staging were concerns on this site due to wet areas in the work area.

Project Summary and Results

- Phase one of the Schwaben Creek Restoration Project focused on the up-stream properties and had a total of 875 linear feet of stream restoration involving the installation of fish habitat enhancement structures to provide habitat for fish and reduce erosion of the stream banks. Phase two of the Schwaben Creek Restoration Project is planned for Summer of 2023 and will involve roughly 940 linear feet of stream restoration, with the possibility of planting a riparian forest buffer on one of the properties in the future.

Key Project Partners

- Key partners in this year's restoration efforts were the Northcentral PA Conservancy, the Little Shamokin Creek Watershed Association, PA DEP, contractors, and the landowners that agreed to projects in Northumberland County.



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Work on impaired streams to stabilize streambanks and install fish habitat structures.
- Start our cover crop incentive program where we paid farmers to plant multi species cover crops. We had 4674 acres enrolled this year.
- Create a buffer incentive program where we pay a land lease for 20 years to plant buffers along the stream that was previously farmed or allowed livestock access.
- Install best management practices on ag operations to reduce nutrient and sediment runoff into streams. We installed fencing, animal trails and walkways, off stream watering, and divided pastures for rotational grazing.

Funding Brought to the
County from Conservation
District Efforts:
\$544,946.00

Contact Information

Nathan Brophy
District Manager

Michael Hubler
Board Chairman

441 Plum Creek Road
Sunbury PA, 17801
(570) 495-4665
www.nccdpa.org

Future Projects Made Possible by the Additional Funding

- 9.2 acres of Buffer Plantings
- 4500 acres of cover crop plantings
- Additional Ag BMP's on farming operations to eliminate livestock access to streams.



Perry County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Nolt Farm Waterway

Resource Challenge

Erosion due to concentrated run off.

Project Summary and Results

County Action Plan funds were used to install .8 acres of grassed waterway and 18,080 square feet of mulch to establish a vegetated swale to convey run off while preventing sediment erosion.

Key Project Partners

Landowner, NRCS, DEP, HRG Inc.



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Preserved our 10,000th acre with settlement on the 75.88 acre Dennis and Brian Cauffman Farm in Jackson Township.
- Held a 10,000 acre Celebration Dinner and invited all past and current preserved farm owners and our numerous partners over the 33 year span that the Farmland Preservation Program has been active in Perry County.
- Purchased a No Till Drill with County Action Plan Funds to make available to Perry County farmers to implement no-till planting to promote soil health. The new drill has been used to plant 425 acres.
- Initiated a County Cover Crop Program that promoted the use of multi-species cover crops to benefit soil health on Perry County farms using tiered cover crop incentive payments. 3,218 acres were enrolled for the fall 2022 cover crop season.
- Installed 383 feet of stream bank stabilization that included regrading, seeding and buffer planting along a tributary to Sherman's Creek on the Rice farm near Blain, PA.

Funding Brought to the
County from Conservation
District Efforts:
\$ 722,242

Contact Information

Sally Tengeres
District Manager

Michael Clark
Board Chairman
31 West Main Street., PO Box 36
New Bloomfield, PA
717-582-8988
www.perrycd.org

Future Projects Made Possible by the Additional Funding

- Potentially facilitate and fund \$1,750,000 in structural best management practices on five farms across Perry County.
- Preserve an additional 881 acres of prime farmland through state and federal funded purchases and County donations.



Pike County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022 Dingman Township Park Pollinator Project

Resource Challenge

Educate and provide resources to the public on the importance of pollinators.

Project Summary and Results

In 2022, Pike County Conservation District Program Manager, Ellen Enslin, obtained a DEP Environmental Education Grant to fund and build a pollinator garden in Dingman Township Park. Two signs were installed to educate the public on pollinators and pollinator friendly plants. We invited several community garden groups to participate in the planting. After the project was completed, we held a *Planting for Pollinators* program at the garden. An educator from Penn State Extension spoke at this program, teaching about what pollinators are, how to protect them, and how to plant a garden to provide habitat.

Key Project Partners

Dingman Township
Penn State Master Gardeners



Thanks to the General Assembly's conservation district allocations, we were able to support our County

- We have been able to increase our reimbursements to the county for salary and benefit costs by 33%. Freeing up county funds for other county projects.



Funding Brought to the
County from Conservation
District Efforts:
\$204,103

Contact Information

Michele Long
Executive Director

556 Route 402
Hawley, PA 18428
(570) 226-8220

www.pikeconservation.org



Pike County
Conservation District

Future Projects

- The District has hired a District Engineer to take on the Post Construction Stormwater Management (PCSM) delegation. By housing a District Engineer, the District now has a local resource to provide technical assistance to our community on stormwater issues and permitting.
- DEP EE Grant Leaf Pack Macroinvertebrate education project.



Potter County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022 Potter County Angler's Club Little Fella Trout Hatchery Improvements

Resource Challenge

As the largest state co-op trout nursery in PA each year 20,000 pounds of trout are raised that produce an estimated 15 tons of fish effluent. The effluent is released directly into Freeman Run a High-Quality Cold-Water Fishery.

Project Summary and Results

Cemented 300 feet of raceways and the bottom and sides of an existing earthen settling pond. In addition, a dry stack shed was constructed to house fish effluent where it can be dried before land application.

Key Project Partners

John Harmon (landowner), Potter County Angler's Club, DEP, EOG Resources.



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Allocate additional funding to salaries to adjust for inflation and retain valuable staff.
- Fund and constructed an additional Dirt and Gravel Road Projects. (Less money going towards salaries and administrative costs)
- Cover Crops implemented on 406 acres.
- Invasive plant control program expanded.
- Two Farm Projects that included equipment lane stabilization, barn roof gutters, and tree plantings.
- Three stream erosion projects and two culvert replacements completed.

Funding Brought to the
County from Conservation
District Efforts:
\$825,972.00

Contact Information

Jason Childs
District Manager

Earl Brown
Board Chairman

107 Market Street
Coudersport, PA 16915
(814) 274-8411 ext. 4
www.pottercd.com

Future Projects Made Possible by the Additional Funding

- Manure Injection by custom hauler to be implemented along with a liming program and soil sampling/soil health initiative.
- Private named drive improvements using Dirt and Gravel Roads Environmentally Sensitive Maintenance tactics.



Schuylkill Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Good Spring Creek Floodplain Restoration Phase 2

Resource Challenge

- Major flooding downstream in Tremont
- Good Spring Creek listed as impaired due to siltation with incised stream channel lacking floodplain
- Highly erodible and unstable streambanks consisting of approx. 1,000,000 tons of coal waste

Project Summary and Results

- Stabilized and restored 4,600 linear feet of Good Spring Creek
- Restored additional 12 acres of floodplain and wetlands (18 acres total)
- Removed over 1,000,000 tons of highly erodible coal waste material
- Total cost was approximately \$8M

Key Project Partners

- Tremont Borough & Frailey Township
- Natural Coal Co & YZ-05, Inc.
- Rausch Creek Lands, LP
- PA DEP



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

Funding Brought to the
County from Conservation
District Efforts:
\$1,178,573.00

Contact Information

Jenna St. Clair
District Manager

Scott Graver
Board Chairman

1206 Ag Center Drive
Pottsville, PA 17901
570-622-3742 x5
www.schuylkillcd.com



- Continued Swatara Creek Floodplain Restoration at Wolfe's Road above Sweet Arrow Lake and North End Streambank Stabilization and Gravel Bar Removal in Pine Grove Borough
- Hosted Lakefront Fest, a public environmental education event
- 15 high school students completed Schuylkill Acts & Impacts, a weeklong watershed education experience
- Conducted 80+ reviews of E&S plans or NPDES applications
- Over 1200 hours of technical assistance were provided to engineers, landowners, municipal officials, and contractors

Future Projects Made Possible by the Additional Funding

- AMD Remediation
- Floodplain Restoration
- Streambank Stabilization
- Riparian Buffer Installation
- Water Quality Monitoring
- Agricultural Conservation Practices



Snyder County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project
Accomplished in 2022

**S-R Farm's Stream Improvement
Project**

Resource Challenge

Streambank erosion

Project Summary and Results

Installation of fish habitat enhancement structures, livestock stream crossing, streambank fencing and riparian buffer.

Key Project Partners

Northcentral Pennsylvania
Conservancy
PA Dept. of Environmental Protection
PA Fish and Boat Commission- Habitat
Division



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Implementation of streamside agricultural BMPs to reduce nutrient and sediment load reductions.
- Promote optimal timing of nutrient application on crop fields by providing adequate manure and compost handling facilities.
- Identifying resource concerns and future projects by increasing the number of outreach visits conducted.
- Expand partnerships with local agencies to increase efficiency and capitalize on project implementation.

Funding Brought to the
County from Conservation
District Efforts:
\$2,743,171

Contact Information

Jason Winey
District Manager

Annette Gray
Board Chairman

10541 Route 522
Middleburg, PA 17842
570-837-3000

<https://www.snydercounty.org/departments/conservation-district/>

Future Projects Made Possible by the Additional Funding

- Collaboration with local firms to ensure quicker BMP planning and implementation
- Increase number of BMPs installed annually with greater overall nutrient and sediment load reductions.

Before



After



Somerset Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Quemahoning Tailwater Fish Habitat

Increasing recreational opportunity in
PA's newest tailwater fishery

Installation of root wads, random
boulders, bank stabilization, narrowing
of stream channel

Foundation for PA Watersheds,
Cambria –Somerset Authority



Thanks to the General Assembly's
conservation district allocations, we
were able to take these actions to
reduce pollution

- Stream Buffer Project encompassing the planting of 1200 trees on a wild trout headwater stream located on farmland
- Higgins Run Large Wood Addition Fish Habitat Project further enhancing a Class A wild trout stream
- Shafer Run Stream Crossing Dirt and Gravel Road Project allowing for aquatic passage on a wild trout stream
- South Fork Bens Creek Fish habitat project adding habitat to a wild trout stream

Rock Tunnel AMD treatment system ongoing O and M

Funding Brought into County
from Conservation District
Efforts:
\$1,405,252.90

Contact Information

Len Lichvar
District Manager

Roger Latuch
Board Chairman

6024 Glades Pike
Somerset, PA 15501
814-445-4652 Ext. 5
www.somersetcd.com

Future Projects Made Possible by the Additional Funding

- Oven Run AMD Treatment System
- Site E Pipeline Replacement
- Lamberts Run AMD Abatement Project Phase 2



Sullivan County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project
Accomplished in 2022

Stream Crossings

Resource Challenge

Supply shortage

Project Summary and Results

Repaired 3 stream crossings for a farmer.

Key Project Partners

DEP-CAP, Conservation District



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Cover Crops
- BMP Improvements
- Streambank Stabilization
- Keep current staff employed

Funding Brought to the
County from Conservation
District Efforts:
\$ 360,000

Contact Information

Carrie Richmond
District Manager

Wylie Norton
Board Chairman

9219 Route 487, Suite B
Dushore, PA 18614
570-928-7057
www.sullcon.com

Future Projects Made Possible by the Additional Funding

- Upgrading/Fixing district office building
- Envirothon Scholarships
- BMP Projects



Susquehanna County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

-Improved animal crossing-

Resource Challenge

There was increased sedimentation in Hop Bottom Creek due to animal traffic destabilizing the soil along the stream banks.

Project Summary and Results

CAP Implementation funding was utilized to implement approximately 1,850 linear feet of animal exclusion fencing that will prevent beef cattle from entering approximately 2,200 feet of Hop Bottom Creek. The average width of the newly protected riparian area is approximately 50 feet and is enhanced by plantings that will mature into a forested riparian buffer.

Key Project Partners

The plants were donated by the Keystone 10 Million Trees Program and will absorb nutrients and provide habitat for wildlife.



Left picture:
designated
cattle crossing
Lower picture:
riparian buffer



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Our Chesapeake Bay Technician conducted 67 inspections, wrote 10 Agricultural Erosion & Sedimentation plans, 14 Manure Management plans and assisted with writing 2, Act 38 Nutrient Management Plans.
- Technicians from the 102 program assisted applicants with 6 NPDES permits, reviewed 31 Erosion & Sedimentation plans, responded to 145 tech assists, and 20 complaints.
- Technicians from the 105 program issued 20 General Permits, responded to 103 tech assists, and 14 complaints.
- Our staff attended and hosted several educational events in the county including; Envirothon, Legislative Tour, Contractors Workshop, College & Career Days, and an Open House.
- CAP Implementation funding was utilized to implement approximately 3,400 linear feet of animal exclusion fencing at Scenery-View Farm that will prevent the dairy cattle from entering approximately 2,400 feet of an unnamed tributary and a pond.
- SCCD's Dirt and Gravel Road Program provided funding assistance for 11 D&G Road Projects and 1 Low Volume Road Project including a stream crossing replacement on Kelly Road in Silver Lake Township. This project included replacing two undersized culvert pipes and installed a new bottomless arch.



Funding Brought to the
County from Conservation
District Efforts:
\$1,403,592.81

Contact Information

Jennifer Ramey
District Manager

Lillian Theophanis
Board Chair

89 Industrial Dr.
Montrose, PA 18801
570-782-2105
www.suscondistrict.org

Future Projects Made Possible by the Additional Funding

- In 2023, an animal heavy-use area, manure storage, and a milkhouse waste transfer system is set to be constructed on two farms as a result of 2 Nutrient Management Plans that were developed within the county.
- 7 Dirt & Gravel Road Project and 1 Low Volume Road Project have been contracted for 2023.

Tioga County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Sargent Heavy Use Area

Resource Challenge

Unimproved animal feeding and loafing lot

Project Summary and Results

This project established a Roofed Heavy Use Area, Manure Storage, Animal Trails and Walkways and Pasture management/watering system in order to reduce animal concentration areas on a local farm and provide a management system that produces better herd health for the farmer.

Key Project Partners

Upper Susquehanna Coalition
NRCS



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Over 25 in person education and outreach events throughout the community. Topics included rain barrels, Women In Agriculture, Soil Health, youth educational activities, erosion and sediment control, and Dirt and Gravel Roads.
- Conducted 87 site visits, 9 NPDES Permit Reviews, 36 Erosion and Sediment Reviews, and issued 75 General Permits.
- Installed 24 Agricultural Best Management Practices, 8 Dirt and Gravel Roads projects, and 10 Streambank Protection Projects
- Upgrading IT needs
- Ability to utilize additional funds to strengthen grant match requirements

Funding Brought to the
County from Conservation
District Efforts:
\$1,609,158.13

Contact Information

Erica Tomlinson
District Manager

Earle Robbins
Board Chairman

1867 Shumway Hill Road
Wellsboro, Pa 16901
570-724-1801

www.tiogacountypa.us/departments/conservationdistrict

Future Projects Made Possible by the Additional Funding

- Additional Agricultural Best Management Practices
- Streambank Stabilization



Union County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project
Accomplished in 2022

Union County CAP
Implementation

Resource Challenge

Getting everything organized and
"shovel ready" in a short period of time.

Project Summary and Results

Countywide Action Plan funding was
used to install best management
practices such as waterways (new and
old-maintenance), field lanes,
improved stacking areas, wetland
restoration and buffer planting.

Key Project Partners

NRCS, PA Fish and Boat Commission,
DCNR, DEP, U.S. Fish and Wildlife
Services.



Thanks to the General Assembly's
conservation district allocations, we
were able to take these actions to
reduce pollution

- Began a 3 year soil health project that will assist landowners with plan development, cover cropping, soil and manure testing, and provide workshops/field days.
- Protected the development rights on approximately 300 acres of farmland. Additionally, the Ag-land Preservation Program celebrated 10,000 acres preserved.
- Held a soil health workshop that included demonstrations on manure spreader and no-till drill calibration.
- Staff assisted in a collaboration with Susquehanna University to get a "Riparian Ranger" team started to help with buffer maintenance.
- Continue to provide technical and professional assistance on a regular basis . It would not be possible to do this without the support of all the General Assembly. THANK YOU!

Funding Brought to the
County from Conservation
District Efforts:
\$843,437.00

Contact Information

Greg Bonsall
District Manager

Lee Spangler
Board Chairman

155 North 15th Street
Lewisburg, PA 17837
570-524-3860
www.unioncountypa.org

Future Projects Made Possible by the Additional Funding

- Install practices such as roofed heavy use areas, manure storages, access roads, cattleyways, stream crossings, and much more.
- Educate all age ranges about what they can do and why it is important.

Venango Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Ag BMPs in the French Creek Watershed

Resource Challenge

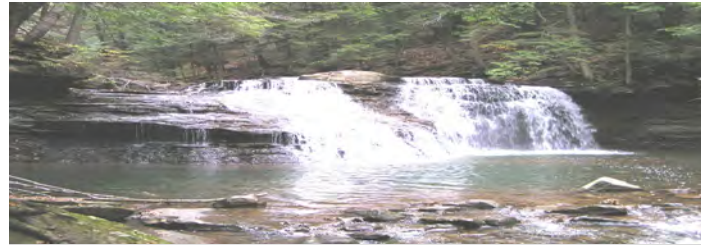
Foster Run, a tributary to French Creek, is classified as an ag impaired stream. The project goal is to reduce nutrient and sediment runoff from local ag operations.

Project Summary and Results

An AHUA and MS was installed to provide a stabilized area to stack manure and allow the operator to spread manure when conditions are right. The project also provides a stabilized area for cattle to eat without creating erosion.

Key Project Partners

PE R&R Engineering, NRCS, VCD, and Contractors



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Approve 3 Nutrient Management plans and provide technical assistance to farm operations for Manure Management plans.
- Coordinate cooperating agencies to assist with permitting, provide technical assistance and supply information to legislators for potential funding to assist Victory Township repair a road bank slide on Fisherman's Cove Road.
- Review 21 E&S Plans, issue 5 DEP NPDES Permits, issue 13 DEP General Permits. Provide technical assistance to landowners for streambank stabilization projects.
- Provide funding and technical assistance to municipalities for 5 Dirt Gravel and Low Volume Road projects.
- Provide technical assistance to Two Mile Run County Park by monitoring the lake dam, acquiring lake water chemistry samples, and assist with design of the stabilization of a roadway on the Park.

Funding Brought to the
County from Conservation
District Efforts:
\$ 697,548.00

Contact Information

Mike Ohler
Board Chairman

4871 US 322
Franklin PA 16323
814-676-2832
www.venangocd.org

Future Projects Made Possible by the Additional Funding

- VCD will be able to hire dedicated staff for Watershed Specialist, 102/105 Program Technician and DGLVR Technician positions.
- VCD will be able to expand our mission of providing technical assistance and funding for water quality projects in Venango County.



Warren County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Lindell Tree Planting

Resource Challenge

Riparian buffers are an effective tool to protect soil from erosion.

Project Summary and Results

Over fifty volunteers planted over three hundred trees.

Key Project Partners

DCNR Bureau of Forestry

NRCS

4-H Udder Club

4-H Oxeneers Club

Boy Scouts

Master Watershed Stewards

Western Pa Conservancy



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Continue to implement a highly effective Dirt, Gravel, Low Volume Roads program.
- Reinvigorate our conservation education programs for both adults and children.
- Increase our agricultural producer outreach and education.
- Implement agricultural BMPs with new ACAP funds.



Funding Brought to the
County from Conservation
District Efforts:
\$ 784,724.00

Contact Information

Heather Wilcox
District Manager

Barry VanOrd
Board Chairman

4000 Conewango Ave
Warren, PA 16365
814-726-1441
www.wcconservation.net

Future Projects Made Possible by the Additional Funding

- More Tree Plantings
- Stream Assessments
- Educational Programs
- Stream Stabilization Projects
- Manure Management Plans
- Best Management Practices



Washington County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project
Accomplished in 2022

Ten Mile Agricultural BMP Project

Resource Challenge

Agricultural impacts to a stream.

Project Summary and Results

Over 3,500 feet of streambank fencing and habitat restoration was completed on a sheep farm in Washington County. Also installed were a spring development and a culvert replacement, the second half of the project will be completed in 2023.

Key Project Partners

Partners for Fish and Wildlife
Hunt Valley Environmental, LLC



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- The WCCD was able to retain staff by increasing base salary. After doing a survey of equivalent starting salaries, the board voted to increase staff salaries across the board. Leading to the retention of several experienced staff and more efficient workflows.
- The WCCD was able to make improvements to a section of the parking lot at the office making it safer for staff and visitors.
- With the additional funds the WCCD was able to create an Agricultural Enhancement Program (AEP) to install Ag Best Management Practices in the county. This fund will continue to be renewed for years to come.



Funding Brought to the
County from Conservation
District Efforts:
\$ 482,329.00

Contact Information

Jennifer Dann
District Manager

William Iams
Board Chairman

50 Old Hickory Ridge Road, Suite 1
Washington, PA 15301
724-705-7098
www.pawccd.org

Future Projects Made Possible by the Additional Funding

- Additional outreach programming is scheduled for 2023 using the funding increase to provide goods and services to the county residents.
- The WCCD is undertaking a project to upgrade the HVAC system in the building to make it more energy efficient.

Wayne Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

Project Accomplished
in 2022

Nutrient Management Plan Reimbursement Program

Resource Challenge

Lack of viable and current Nutrient Management Plans for farm operations which would qualify them to apply for project funding through sources like NRCS.

Project Summary and Results

Implementation of a funded Growing Greener Grant is allowing us to pay for Nutrient Management Plans in order to help farmers obtain plans in multiple counties in the northeast region of PA.

Key Project Partners

Wayne Conservation District, Natural Resource Conservation Service (NRCS), Monroe County Conservation District, Lackawanna County Conservation District and Pike County Conservation District.



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution:

- Continue our Chapter 102 and Chapter 105 Programs and educational opportunities
- Watershed education and expansion on services offered
- Forestry education and landowner assistance
- Agricultural Innovation and expansion of programs

Funding Brought to the
County from Conservation
District Efforts:
\$850,000

Contact Information

Jamie A. Knecht
District Manager

Karl Eisenhauer
Board Chairman

648 Park Street
Honesdale, PA 18431
570-253-0930
Wayneconservation.com

Future Projects Made Possible by the Additional Funding

- Agricultural BMP project implementation
- Community technical assistance for landowners
- Assistance with community wide projects



Westmoreland County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

Iron Removal and System Upgrades at Brinkerton Site

Resource Challenge

Treating abandoned mine drainage

Project Summary and Results

Iron sludge removal and upgrades to a passive mine drainage system restored the system's capacity for treating water. Partners conducted a pilot study to determine if the use of blowers and increased oxygen is cost effective for pollutant removal. They also removed invasive grass species along the project's riparian corridor.

Key Project Partners

Sewickley Creek Watershed Association and Hedin Environmental



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Stabilized staffing levels with seven new hires that allowed the District to address conservation needs throughout the county.
- Created a booklet and video for homeowners explaining proper dirt and gravel driveway maintenance and hosted a virtual workshop on the topic. Provided copies of the booklet to all municipalities in the county.
- Hosted an annual Engineers' Workshop, attracting nearly 400 engineers, landscape architects, and other natural resource professionals from around southwestern PA, who learned about the latest in regulatory requirements and stormwater and erosion control best practices.
- Installed streamflow monitoring devices in two local streams to measure conductivity, depth, and temperature. Information gathered will be used to assess abandoned mine drainage into one of the streams and to provide data for a flood control project in another.

Funding Brought to the County from Conservation District Efforts:
\$3,021,518

Contact Information

Gregory Philips
District Manager

Ronald Rohall
Board Chairman

218 Donohoe Rd.
Greensburg, PA 15601
(724) 837-5271
westmorelandconservation.org

Future Projects Made Possible by the Additional Funding

- Forestry planning and BMP implementation.
- Stormwater control, streambank stabilization, and habitat improvements in a local municipality.
- Nutrient and sediment management on multiple agricultural operations.



Wyoming County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

Highlight Project Accomplished in 2022

Nutrient/Sediment Pollution Reduction Initiative

Resource Challenge

Nutrient pollution is a widespread, costly, and challenging environmental concern within Wyoming County. Our stream quality monitoring program revealed 3 farms that are lacking BMPs to prevent pollutants from entering the waterways.

Project Summary and Results

3 projects were completed to improve water quality and prevent pollution. The first project included installation of 5,100' of livestock fence to protect environmentally sensitive areas.



The remaining 2 projects involved installation of a 60' x 35' at each location. Both concrete pads will stabilize the animal feeding areas in order to prevent soil degradation from heavy animal use.



Key Project Partners

PA DEP Growing Greener Program

Funding Brought to the County from Conservation District Efforts:
\$543,000.⁰⁰

Contact Information

Doug Deutsch
District Manager

Dorne White
Board Chairman

6052 SR 6
Tunkhannock, PA 18657
(570) 836-2589
wccdpa.org

Future Projects Made Possible by the Additional Funding

- Agricultural BMP Implementation
- Stream Quality Monitoring
- Streambank Stabilization



York County Conservation District

Thank you to the General Assembly for the additional \$6.8 million for conservation districts!

BMP Project Accomplished in 2022

Trout Run Exelon Habitat Improvement Program Project

Resource Challenge

Trout Run was experiencing bank instability, loss of habitat, and lacked a significant riparian buffer.

Project Summary and Results

The project consisted of approximately 400 linear feet of stream work including the installation of mounds and root wads to provide habitat, a riparian buffer planting, and a stabilized stream crossing.

Key Project Partners

Department of Environmental Protection, Exelon Corporation, ECS Mid-Atlantic, LLC, RiverLogic Solutions, LLC, Keystone 10 Million Tree Partnership, Private Landowner



Thanks to the General Assembly's conservation district allocations, we were able to take these actions to reduce pollution

- Wrote 72 Ag E&S/Conservation Plans 3652 acres
- Wrote 8 Manure Management/Nutrient Management Plans on 360 acres
- Implemented 12 BMPs to control soil erosion and manure runoff
- Entered Chapter 102 PCSM Delegation Agreement with PA DEP
- Developed our "Voluntary Stream-lined Plan Review Process"
- 564 E&S Plans Reviewed
- 124 NPDES Permits Issued
- 1000+ Site Visits and Inspections
- 180 Complaints Investigated
- 79 Pre-application meetings held
- 4 Exelon Habitat Improvement Program projects completed
- 2 HELP-Streams projects completed
- 1 Large Woody Debris removal project completed.
- 2 Dirt and Gravel Road projects completed



Before



After



Funding Brought to the
County from Conservation
District Efforts:
Approximately \$3,000,000

Contact Information

Jeff Hill
District Manager

Travis Sherman
Board Chairman

2401 Pleasant Valley Road
York, PA 17402
Phone: 717-840-7430
www.yorkccd.org

Future Projects Made Possible by the Additional Funding

- Implementation of Additional BMPs
- Development of Envirothon App