



# CUMBERLAND COUNTY CONSERVATION DISTRICT

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## FALL 2019 NEWSLETTER

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### 2019 CONSERVATION AWARD WINNERS

**FARMER OF THE YEAR - ZANE GARBER, ROCK SOLID DAIRY**

PRESENTED TO A FARMER DEMONSTRATING A CONCERN FOR THE SOIL & WATER QUALITY OF CUMBERLAND COUNTY BY IMPLEMENTING CONSERVATION BEST MANAGEMENT PRACTICES

**CLEAN WATER AWARD - JVH EXCAVATING, INC.**

PRESENTED TO A CONTRACTOR OR PLAN PREPARER WHO WORKS TO MINIMIZE ADVERSE IMPACTS TO WATER QUALITY IN CUMBERLAND COUNTY

**CONSERVATION EDUCATOR OF THE YEAR - HOLLY SMITH, AUDUBON, PENNSYLVANIA**

PRESENTED TO A TEACHER WHO HAS DEMONSTRATED A STRONG COMMITMENT TO CONSERVATION EDUCATION PROGRAMS AND ACTIVITIES

**CONSERVATION ORGANIZATION OF THE YEAR - SOUTH MOUNTAIN PARTNERSHIP**

PRESENTED TO AN ORGANIZATION WHO PROMOTES WATERSHED PROTECTION THROUGH A COORDINATED LAND AND WATER RESOURCE APPROACH

**CHESAPEAKE BAY CLEAN WATER FARM AWARD - HARD EARNED ACRES, BOB & BARB KEEFER**

PRESENTED TO HARD EARNED ACRES WHO WAS OUR 2018 FARMER OF THE YEAR RECIPIENT. THEY ARE ONE OF FIVE FARMS RECOGNIZED BY THE PENNSYLVANIA CHESAPEAKE BAY PROGRAM FOR THEIR CONSERVATION WORK IN THE FORTY-THREE COUNTY CHESAPEAKE BAY DRAINAGE AREA OF PENNSYLVANIA

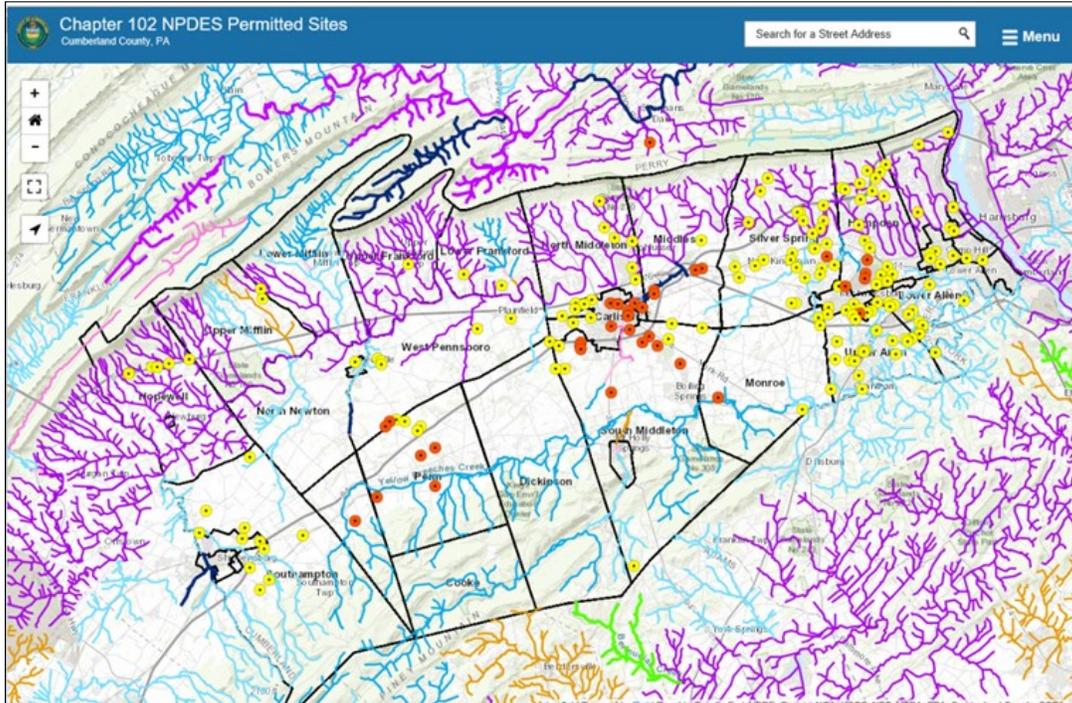


L TO R: Zane Garber, Jim Hoffman, Holly Smith, Bob & Barb Keefer, Katie Hess & Mike Eschenmann



# E&S/NPDES Program

This summer, in cooperation with the County GIS department, the Cumberland County Conservation District developed an interactive online map that will allow the public to see the locations of all current NPDES permits within the County. Clicking on a point on the map will populate a summary of information about the project. The points are color coded based on the permit type; red for Individual NPDES permits and yellow for general NPDES permits.



<https://gis.ccpa.net/maps/npdes-sites/>

## CCCD E&S/NPDES PROGRAM REPORT

Between Dates		1/1/2019	And	10/24/2019	
Total # of plans received	139			Total Inspections	509
# of New General Permits Received	46			# of First Annual Inspection	157
# of New Individual Permits Received	9			# of NOT Approved	15
# of General Minor Amendments received	6			# of Residential Projects	42
# of General Major Amendments Received	9			# of Commercial Projects	55
# of General Renewals Received	15			# of Agricultural Projects	5
# of Individual Minor Amendments received	2			# of Utility Projects	11
# of Individual Major Amendments Received	3			# of Roadway/Bridges Projects	1
# of Individual Renewals Received	5			# of School Projects	7
# of Complete Applications	84			# of Recreation Projects	3
# of Incomplete Applications	76			# of Residential and Commercial Projects	3
# of Withdrawn Applications	3				
# of Initial E&S Reviews	120			Municipalities with most plans received	
# of FollowUp E&S Reviews	56			Hampden Twp	21
# of PCSM Reviews	16			Silver Spring Twp	20
# of FollowUp PCSM Reviews	12			South Middleton Twp	16
# of General Permits Authorized	67			Upper Allen Twp	12
# of ROD Completed	15			Lower Allen Twp	12
# of Individual Permits Issued	17				

# Dirt, Gravel, and Low Volume Roads Program

## Completed Work:

**Dirt & Gravel** work completed in 2019 included an additional 0.85 miles of Driving Surface Aggregate (DSA) placement on Cold Springs Road in Dickinson Township. Previous work included drainage work, base construction, and DSA on a 2.4 mile section of mile of road. DSA is important to cap fill material used on the base construction to prevent sediment laden water from running off into the gutter system and eventually the stream.



Left( Before): Bedrock was showing through the road profile. Right (After): Drainage pipe installed, shale placement to build crown, and DSA placement

**Low Volume** work included a stream pipe replacement project and french mattress on Yorwick Road in North Middleton Township which added aquatic organism passage and flood plain reconnection and relief for high water events (right). Penn Township replaced a failing 7 ft. stream pipe with a 14 ft wide box culvert that also reconstructed the stream corridor to establish proper bank width and establish habitat and aquatic organism passage. (Bottom)



Yorwick Road, North Middleton Township

DGLVR Grant  
Application Round  
Open in Late Winter!

## Future Projects:

**Low Volume Roads:** Penn Township plans to construct a 12 ft. wide box culvert on Beetem Hollow Road with remaining 2019-2020 grant funding. Anticipated construction will be in the Summer of 2020.



Beetem Hollow Road, Penn Township. New 14 ft. box culvert with stream habitat enhancements and bank reconstruction.

# Agricultural Best Management Practices



This past summer, the Cumberland County Conservation District installed a Roofed Animal Heavy Use Area Protection and a Roofed Waste Storage Facility for a local farmer in West Pennsboro Township. The structure is 200 feet long and 86 feet wide. This Best Management Practice allows the farmer to keep his livestock on concrete and prevents denuded areas in his pastures. He also has 6 months of manure storage which allows him to only spread the manure when field conditions are appropriate. These Best Management Practices were cost shared in part by the Chesapeake Bay Special Projects Program (\$141,420.46) and the Growing Greener Program (\$74,499.54) totaling \$215,920.00 in cost-share



## Cover Crop Incentive Program for Crop Year 2019 - 2020

The Cumberland County Conservation District is once again offering the Cover Crop Incentive Program for crop year 2019-2020. Only winter cover crops planted after corn, soybeans or sorghum in the fall of 2019 are eligible. The District will pay \$20 per acre for minimum tillage and \$30 per acre for no-till. Cover crops must be maintained until April 1, 2020 and are required to meet 25% soil cover. Sign-up deadline for this program is December 2. Please contact the Conservation District at [conservation@ccpa.net](mailto:conservation@ccpa.net) or call 717-240-7812 if you have any questions or would like to sign up for this program.

# Envirothon

The 2020 Cumberland County Envirothon will be held at the Mechanicsburg Sportsmen's Association on Tuesday, May 5, 2020. The Envirothon is a scholastic competition open to high school students in Cumberland County, to help educate students of responsible natural resource use and management. Topics include Aquatics, Current Environmental Issue (2020 Current Issue will be Water Resource Management: Local Control and Local Solutions), Forestry, Soils, and Wildlife. Representatives from PA Fish and Boat Commission, Cumberland County Conservation District, PA Department of Conservation and Natural Resources, USDA National Resource Conservation Service, USDA Farm Service Agency, and the PA Game Commission administer their associated station. The winning team will advance to the Pennsylvania State Envirothon to represent Cumberland County.



Above: Students compete at the 2019 Envirothon at King's Gap State Park.

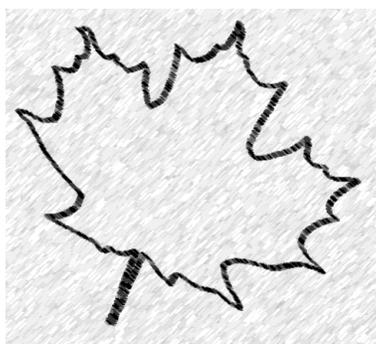
## Rain Barrel Program



Pre-orders are now being accepted for our 2020 Annual Rain Barrel Sale. If interested, please email [lglace@ccpa.net](mailto:lglace@ccpa.net) or call 717-240-7812. Rain Barrels are a great way to conserve water by saving and using the stored water on your lawn, flower beds, and garden plants which can save groundwater and reduce municipal water bills.

2019 was our 17<sup>th</sup> year of constructing rain barrels. Since the program began, we've distributed over 1,500 rain barrels throughout Cumberland County! Workshops this year included our Annual Rain Barrel Sale with help from Cedar Cliff High School Students, Wilson Middle School, Upper Allen Township, and Middle Spring Creek Watershed Workshops.

# Tree Seedling Sale



The Cumberland County Conservation District has scheduled their annual Tree Seedling Sale for April 16 & 17, 2020.

If you have not ordered from the Conservation District in the past and would like to receive an order form you can call the District Office at 717-240-7812 or send an email to [conservation@ccpa.net](mailto:conservation@ccpa.net) and give us your postal mailing address. The 2020 order forms will be sent in the mail by mid February.

Tree seedlings available for 2020 include: White Pine, Canadian Hemlock, Colorado Blue Spruce, Concolor Fir, White Oak, Persimmon and possibly one other variety yet to be determined. Also, the District is offering three types of apple trees (Liberty, Initial & Goldrush), two Pear trees (Harrow Sweet & Olympic) and Redhaven Peach. Myrtle Clumps and a northeast wildflower mix will be sold as groundcover. Four varieties of flowering bulbs, tree shelters and wood stakes ranging from two to five feet will also be available. Profits from the tree seedling sale help offset costs associated with environmental programs in Cumberland County.

The Conservation District estimates that over 500,000 seedlings and groundcover plants have been added to the Cumberland County landscape from the last forty plus years of the seedling sale. Many customers comment on how their small seedlings that they bought years ago are now mature trees and are providing benefits to the environment that they had envisioned when they purchased them.

Orders must be received at the Conservation District Office by March 30.

# Water Testing Program

The Cumberland County Conservation District's water testing program is held on the second Wednesday of each month. Water will not be accepted before the specified dates listed below. Water samples can be brought into the office on the day of the test between the hours of 8:00 AM and 4:00 PM. Samples should be taken on the day of the collection and the time should be noted. A separate bottle is needed for each test. Free bottles for testing are available at the Conservation District office on week days between 8:00 AM-4:30 PM.

## **FUTURE TESTING DATES**

DECEMBER 11  
JANUARY 8  
FEBRUARY 12

## **AVAILABLE TESTS & PRICES**

TOTAL COLIFORM BACTERIA.....	\$17.00	IRON.....	\$13.00
TOTAL COLIFORM BACTERIA + E.COLI....	\$22.00	SODIUM.....	\$13.00
FECAL COLIFORM.....	\$24.00	HARDNESS.....	\$12.00
NITRATE.....	\$17.00	SULFATE.....	\$12.00
LEAD.....	\$17.00	pH.....	\$ 7.00
FLUORIDE.....	\$17.00		

# Annual Golf Tournament

The 17th Annual Cumberland County Conservation District Golf Tournament was held at Rich Valley Golf on Friday September 27, 2019. There were 105 golfers that came out to enjoy a round of golf and support a great cause. This year's winning team shot an impressive 19 under par 52. The District would like to thank everyone at Rich Valley Golf and Nolo's that helped make the day a success. Also a special thank you to all of our hole sponsors, and Beverage Express ([www.mybevexp.com](http://www.mybevexp.com)) and Stan's Beverage ([www.stansbeveragepa.com](http://www.stansbeveragepa.com)) of Carlisle for donating bottled water for the golfers! Their contributions allow us to continue our efforts in providing scholarships to Cumberland County students. This year's event brought in over \$6,000 for scholarships and to date the tournament has raised over \$38,000. And finally, thank you to all of the golfers. We hope to see you all again next September!

Congratulations to this year's winning team: Nelson Raines, Todd Burns, Shawn Corwell and Del Betris



1<sup>st</sup> Place Team



Hole in One Prize

THE CUMBERLAND COUNTY CONSERVATION DISTRICT WOULD LIKE TO THANK OUR HOLE SPONSORS FOR SUPPORTING THE 2019 GOLF TOURNAMENT

## CONSERVATIONIST HOLE SPONSOR



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RETURN SERVICE REQUESTED

**District Directors**

Chairman	Duff George
Vice Chairman	Glenn Kimmel
Commissioner	Jim Hertzler
Farmer Director	Dennis Garman
Farmer Director	Michael Berkheimer
Farmer Director	Dan Mains
Public Director	Michael Ward

**Associate Directors**

John Bixler  
Kingsley Blasco  
Todd Chestnut  
Paul Wilson

**County Commissioners**

Vince DiFilippo  
Jim Hertzler  
Gary Eichelberger

**District Staff**

District Manager	Carl Goshorn
Asst. District Manager	Vince McCollum
District Secretary	Michelle Rhone
Conservation Coordinator	Kim Falvey
Conservation Coordinator	Matt Stough
District Engineer	Mike Lubinsky
Chesapeake Bay Tech.	Vacant
Nutrient Mgmt Spec.	Vacant
Conservation Analyst	Lori Glace