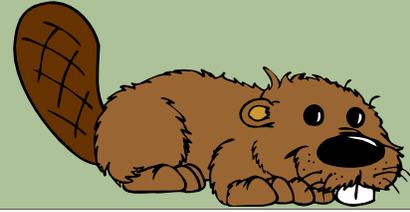


BEAVER TALES



The Beaver County Conservation District was established by Resolution #213 on August 3, 1961 for the conservation of the soil and soil resources in Beaver County and for the control and prevention of soil erosion. Its mission is to preserve natural resources and protect and promote the health, safety and general welfare of the people of Beaver County and to provide technical services to improve resource management for the benefit of farmers and urban residents.

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Record Year for Dirt and Gravel Road Projects

Darlington Township recently completed another Dirt and Gravel Road Project. The project consisted of installing 13 new 15 inch crosspipes, replacing 4 rusted out 15 inch metal pipes and installing 300 feet of 6 inch under drain. The road surface was then pulverized (ground up), reshaped and compacted. Driving surface aggregate (DSA) was placed using a paver, then compacted. The total DGLVR Grant cost for this project was \$231,899.63



Driving Surface Aggregate (DSA) being placed on North State Line Road in Darlington Township



Darlington Borough has just completed a Low Volume Roads project. This project consisted of installing nearly 500 feet of 15 inch drain pipe, one head wall, two end walls and four curb boxes. The project was designed to remove excess water from the road surface and the residents' yards. Total DGLVR Grant funds used for this project was \$56,246.99



A 15 inch crosspipe being installed on 5th Street in Darlington Borough

**Beaver County Conservation District
Board of Directors**

Mike Price, Chairman
Richard Smith, Vice Chairman
George Sullivan, Treasurer
Robert Guidice, Director
Wayne W. Harley, Director
Jeff Lyons, Director
Dan Camp, Director

Associate Directors

Lydian Fisher
Peter Staudenmeier

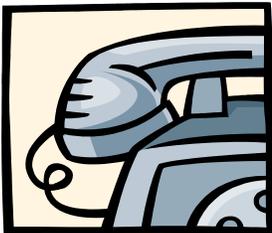
District Staff

James Shaner, Executive Director
Marty Warchol, Watershed Specialist
Alex Veto, Resource Conservationist
Georgia Miller, Finance Administrator
Heather Humbert, Environmental Educator
Richard Voytko, Nutrient Management Specialist
Hannah Schrauder, West Nile Technician
Heidi Krigar, West Nile Technician

Part-time Field Assistants

Homer Summy Don Winegar
Dustin Covert

*We abuse land because we regard it as a commodity belonging to us.
When we see land as a community to which we belong, we may begin to
use it with love and respect. Aldo Leopold*



Contact Us

156 Cowpath Road
Aliquippa, PA 15001

Phone (724) 378-1701

Fax (724) 857-1044

Office hours: 8:00 a.m. - 4:00 p.m. Mon. - Fri.

Send inquiries to
beavercounty.conservationdistrict@bccdpa.us

Keep up with BCCD activities on Facebook!

Watershed Updates

What is a watershed? It is the area of land that drains to a common waterway, such as a stream or lake. Small watersheds make up larger watersheds, which in turn form larger river basins which may drain to the largest water body of all...the ocean.

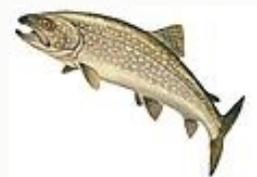
Raccoon Creek

Potter Township and Independence Conservancy have been working on the Tank Farm/Rocky Bottom Park Master Site Development Plan for the past year. It will serve as a roadmap for building the features of the new park and provide an excellent conservation resource to the community. The overall design approach focuses on enhancing the quality of landscape and habitat based on an ecosystem approach, and sensitively inserting low-impact circulation infrastructure in the form of trails and supporting facilities, leading to a highly functional, educational and visually pleasing park. A draft of the Master Plan Report was presented to the public on June 26, 2018. The project was partially funded by a Pennsylvania Department of Conservation and Natural Resources Community Conservation grant with matching funds from Potter Township.

Little Traverse Creek

Little Traverse Creek, also known as Little Traverse Run, lies in southeast Beaver County.

Beaver County Conservation District recently completed a project on Little Traverse Creek in Hanover Township. A section of severely eroded streambank was stabilized using habitat-friendly in-stream structures constructed from logs and stone, making them visually compatible with the stream. Approximately 500 feet of streambank was stabilized with log vanes and root wads. The project will improve the overall ecological enhancement of this watershed by reducing the amount of sediment pollution and increasing habitat for aquatic life.



Meet the new staff members at BCCD



Hi all. My name is Alex Veto and I have enthusiastically joined Beaver County Conservation District as the Resource Conservationist. As such, I ensure construction related permits comply with environmental regulations in order to conserve the valuable land and water resources of Beaver County.

I am a Somerset native and although I now live in Pittsburgh, I continue to monitor the deer woods and trout streams around Somerset County. My passion for the outdoors along with conservation of natural resources dictated the acquisition of my bachelor's degree in Geoenvironmental Studies from Shippensburg University. I previously administered the Dirt & Gravel Roads Program for Potter County Conservation District where rehabilitation of road infrastructure was the instrument and sustainable water quality was the goal.

I look forward working with community members and corporations alike to aid in guidance of site development while keeping natural resources unmarred. Come into the office or give me a call if you have questions about the permitting process or general restoration questions, I will be glad to help.

Hello! My name is Hannah Schrauder. I am excited to share with you that I recently joined the Beaver County Conservation District as a West Nile Virus Technician! I will be collecting mosquito samples for testing and applying pesticides to designated areas throughout Beaver County. A tick program has also been recently added. For this program I will be collecting tick samples from different areas throughout Beaver County for testing. They will be tested for Lyme disease and several other diseases that they can transmit to humans.

Before this position, I earned my Bachelor of Science degree from West Virginia University in Wildlife and Fisheries Resource's. In addition to my major, I earned minors in Conservation Ecology and Forestry Resources Management. My passion for the outdoors and conservation is what led me to choosing this degree and career path.

I have lived my entire life in New Brighton, Pennsylvania; besides the four wonderful years I spent in West Virginia cheering on the mountaineers. For this reason, I am delighted for this opportunity to work for the district that I have grown up in!



Hello! My name is Heidi Krigar, and I am grateful to introduce myself as the new West Nile Virus Technician with the Beaver County Conservation District. Upon my completion of a 1700-hour (1-year) AmeriCorps internship with Armstrong Conservation District, I began my new position in Beaver County on October 22nd, 2018. I am currently working hard to acquire my Pesticide Applicator Certification, as well as perform tick surveillance studies through the Department of Environmental Protection. In the near future I will also be assisting the District staff in preparation for "Maple Camp" as we conduct activities encompassing the annual Maple Syrup Festival.

Before beginning my work in Beaver County, I was a May 2017 graduate of Butler County Community College with a degree in Parks & Recreation Management. In August 2017, I began my year-long internship with The Armstrong Conservation District, where I developed and solidified my sincere interest and passion for a career within a conservation district.

When I am out of the office, I can usually be found bird hunting or hiking with "my shadow" - my Labrador retriever, Macy. I also very much enjoy my work with horses, landscape photography, trapping, and canoeing.

Ag Corner



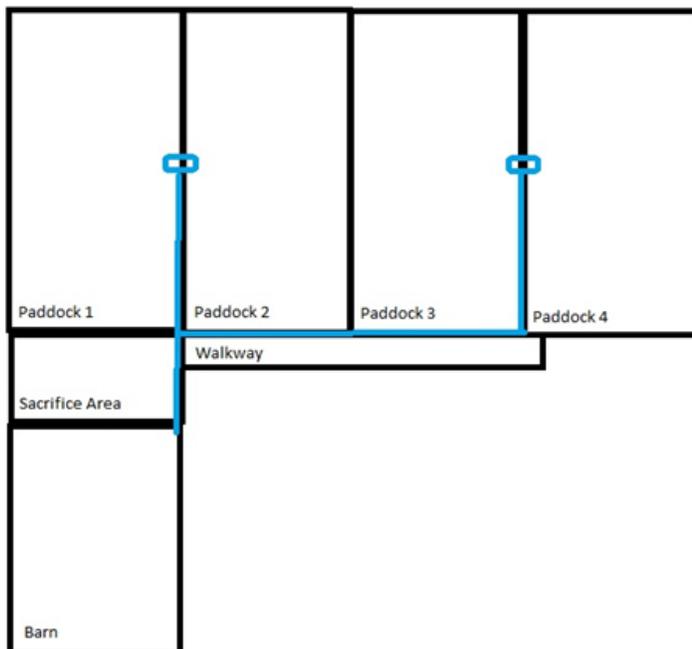
Horse Operations

Horse operations are a significant segment of the agricultural community in Beaver County. Healthy pastures support healthy horses and reduce feed costs for horse owners. The conservation district can help horse owners with agronomic issues related to pasture management. Horses produce significant amounts of manure. This manure must be managed according to state regulations. Manure produced by horses is an issue the district can assist horse operations manage effectively. Healthy pastures and well managed manure support an efficient agricultural operation. Improved water quality in our local streams and better farm economics are the result.

Pasture Management

Well managed pastures provide forage for grazing livestock while protecting water quality and improving farm economics. A basic rotational grazing system is the key starting point for sound pasture management. Rest your pasture so it can grow. Have a sacrifice area to place grazing animals when pasture conditions are poor. Maintain a variety of plant species. Manage nutrients and soil test. A reasonable goal for improving pastures is to maintain a minimum of 3 inches of grass throughout the growing season with minimal bare spots. The district assists farm operations develop and implement grazing systems.

A simple rotational grazing system is shown on this drawing. This concept can be adapted to the individual circumstances of your operation.



2018 Coloring Contest Winners

This year's coloring page was "The Red Fox" There were 901 participants.



First grade

First place	Genevieve Bogoti	Economy Elementary
Second place	Julianna Gato	Fairview Elementary
Third place	Abiona Cochran	Fairview Elementary

Second Grade

First place	Brandon Patton	Economy Elementary
Second place	Evie Taibi	Fairview Elementary
Third place	Joe Thompson	St. Monica Catholic Academy

Third Grade

First place	Connor Bollinger	Riverside Elementary
Second place	Lillian Bull	Dutch Ridge Elementary
Third place	Lillian Gruber	Independence Elementary

Attention All Crafters!!!

The District is always looking for new crafters whose items are handmade and unique!! If you think you fit the bill, let us know. The main pre-requisite is that your items MUST be hand-made. If you are interested, please call the District at 724-378-1701, or email georgia.miller@bccdpa.us for more information.



Give a Taste of Beaver County!

Our 100% pure maple syrup makes excellent Christmas gifts. Make someone's holiday sweeter this year. Purchase maple syrup at our office at 156 Cowpath Road, Aliquippa, or at Bradys Run Ice Arena, Beaver Super, or one of the Beaver County Fruit markets.



No-till Drill For Rent

The Beaver County Conservation District has purchased an 8' Truax FLEXII 812RD No-Till drill that is available for rent to interested farmers in Beaver County. The purpose of the drill rental program is to encourage and assist farmers in implementing no-till crop production systems, including cover crops, as well as promote good pasture management. Reducing tillage can improve soil health and improve farm economics. Renting this drill provides farmers with a low cost opportunity to try no-till planting and determine if it can be an asset to farm management. More information is available on our website or contact the district's agricultural technician.

Fall 2018 Environmental Education Update

Heather Humbert, Environmental Educator

This year, the District's Environmental Education programs engaged with over 900 students and more than 250 of their teachers, leaders, and parents. Among the participants were ten different grade schools, seven scout programs, four preschools, and various secondary and extracurricular school groups. Many of our visitors came for our hands-on and field-based wetlands classes, allowing their students to learn from nature. Others received customized lessons, including a Girls in STEM Club exploring environmental careers. We also conducted several visits to day camps and classrooms to teach about water pollution, wildlife, and habitats.

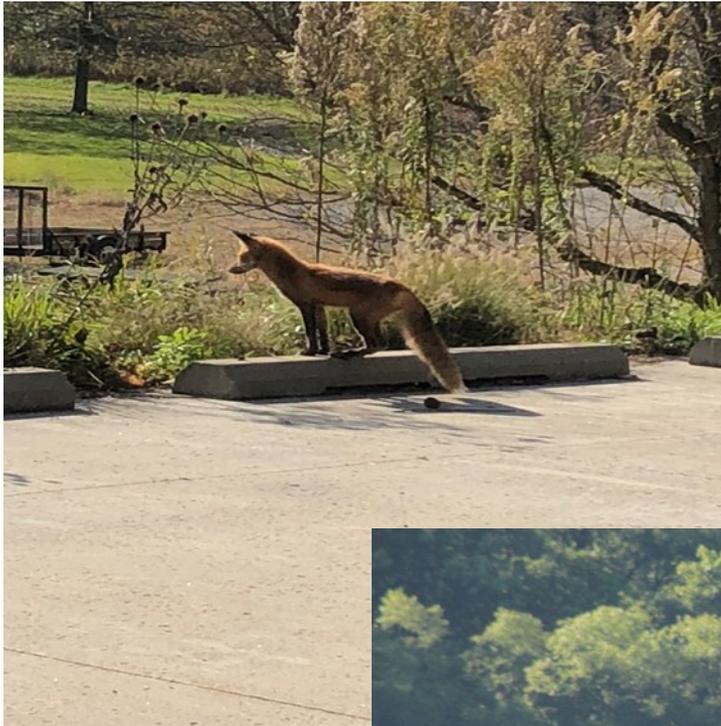
The weather this spring gave several groups visiting the District's property an opportunity to observe some of the ways wetlands help to mitigate flood damage. When Raccoon Creek overflowed its banks, students could see how the marshes on the property spread and slowed the excess water. They also saw how our forested swamps can catch debris, such as large tree branches. Sediment and vegetation deposits along the trails also showed students the extent of the flooding's reach.

Other highlights of this year include our Arboretum Program Series. This year we held five public talks and hikes, starting with our annual Maple Sugaring Program in March. Others included Spring and Summer Wildflower Hikes, a Reptiles and Amphibians Program with live animals, and a presentation on Threatened and Endangered Plants. Total participation for these events was 134 people.



Did you know.....Contrary to what most people think, newspapers, glass or aluminum cans are not America's most recycled consumer product. Lead batteries hold the honor at a whopping 99.3 percent, according to the Environmental Protection Agency.

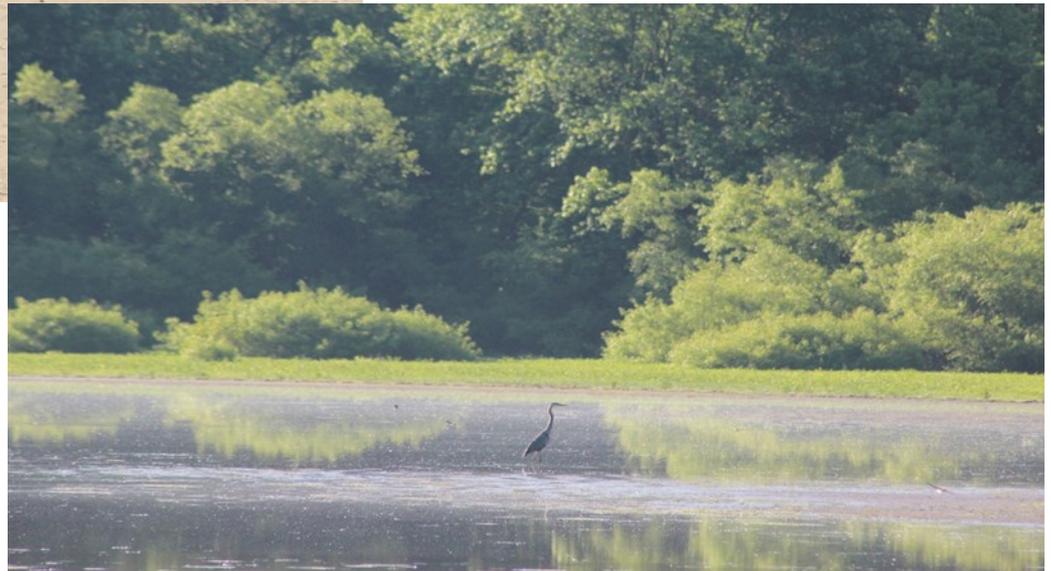
November 15, 2018 is America Recycles Day!



Recent visitors to the BCCD Environmental Center

Red fox

Great Blue Heron



Dates to Remember

Office closed for Thanksgiving Holiday
November 22 and 23, 2018

Office closed for Christmas Holiday
December 24 and 25, 2018

Maple Festival Volunteer Breakfast
January 26, 2019, Bradys Run Lodge

Soil Health Conference
February 1, 2019, St. Vincent College, Latrobe, PA

2019 Appalachian Grazing Conference
March 7 - 9, 2019, Morgantown, WV Marriott