



Beaver Tales

Spring 2022

Beaver County Conservation District

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Mission Statement

The Beaver County Conservation District provides leadership in natural resource management through outreach, education, and technical assistance.

Spring Tire Collection

The Beaver County Conservation District held a spring tire collection event on April 1st and April 2nd at the district office. We accepted light truck and car tires up to 20" off rim at a cost of \$2.50 per tire. This discounted price was possible through the West Nile Virus Grant for education and habitat reduction. We collected over 1,000 tires during the 2-day event. Like our past tire collections, we used the services of Liberty Tire Recycling. We had such success last year that this year we had a 53-foot trailer delivered. With the help and hard work of district staff, volunteers and Gateway Rehab, we filled the trailer ourselves.

This year we tried a new approach by advertising with our local county radio station, WBVP. They invited us to participate in an interview about the tire collection. We also discussed the need to reduce mosquito habitat by removing old tires from neighborhoods and personal properties, mosquitoes, and West Nile Virus. It was a great experience and outreach opportunity, and we had a positive response from listeners within the county.

On Saturday, we had the assistance of local Girl Scout troop #46769. The girls helped with the collection and helped with offering refreshments to the participants. Our Environmental Educator, Heather Humbert, offered educational displays in our Mobile Environmental Education Center that explained the mosquito life cycle, protective methods against mosquitoes, and examples of the program's surveillance traps. We offered informational brochures, mosquito dunks for environmentally friendly larval control for homeowners, and mosquito activity books for the kids.

We had a great turn out this year. Many local citizens commented on how happy they were that someone was offering such an event, since tires are so difficult to dispose of. They were happy to find somewhere that would recycle them. We are hoping to hold another tire event in the fall of this year and are planning another event next year.

We thank all the residents who participated and helped reduce mosquito habitat in Beaver County!



Watersheds & Stream Buffers

Board of Directors

Mike Price, Chairman

Richard Smith, Vice Chairman

Jack Manning, County Commissioner

Shannon Ritmiller, Secretary/Treasurer

Robert Guidice, Farmer Director

Jeff Lyons, Farmer Director

Wayne Harley, Farmer Director

Associate Directors

Dominic D'Egidio

Chip McCoy

District Staff

Jeff Pflug, District Manager

Hannah Ward, Watershed Specialist

Jen Linebaugh, Resource Conservationist

Heather Humbert, Environmental Educator

Richard Voytko, Agricultural Conservationist

Phoebe Prince, West Nile Virus Technician

Rachel Galloway, Resource Conservationist

Melinda Muelbronner, Resource Conservationist

Contact Us

156 Cowpath Road

Aliquippa, PA 15001

Phone (724) 378-1701

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

Monday - Friday

Send inquiries to:

beavercounty.conservationsdistrict@bccdpa.us



What is a watershed?

- The land area that drains to a particular body of water.

Importance of Stream Buffers


- Removing nitrates in surface and shallow ground water flow
- Trapping sediments and particulates before entering the stream
- Reducing streambank erosion
- Decreasing stream temperatures
- Provide instream habitat



All farms tilling greater than 5,000 sq. ft. must have an erosion and sedimentation plan (Conservation Plan). All farming operations that land apply manure need to develop and implement a manure management plan. Call the Conservation District to get detailed information and support developing your plans.

Chapter 102: Pre-Application Meeting Request Form

As the weather gets nicer, there tends to be an increase in not only construction activities, but likewise in NPDES permit applications. It is encouraged that applicants reach out to the District to schedule a pre-application meeting before formally submitting an NPDES permit application for review. Not only does it give the District key information on what they will be reviewing, but it can also be a good chance to catch items that may have been missed when preparing the application. Please complete the form shown below, and provide it to the District at the time of scheduling. This form can be found at the following link: <http://www.depgreenport.state.pa.us/elibrary/GetFolder?FolderID=2713>

3800-FM-BCW0271e Rev. 1/2021 Pre-Application Form		COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER	
			
CHAPTER 102 PRE-APPLICATION MEETING REQUEST FORM			
GENERAL INFORMATION			
Applicant Name:	<input type="text"/>	Contact Name:	<input type="text"/>
Applicant Address:	<input type="text"/>	Contact Phone:	<input type="text"/>
City, State, ZIP:	<input type="text"/>	Contact Company:	<input type="text"/>
Project Name:	<input type="text"/>	Contact Email:	<input type="text"/>
Consultant Name:	<input type="text"/>	Consultant Firm:	<input type="text"/>
Municipality:	<input type="text"/>	County:	<input type="text"/>
Application Type:	<input type="checkbox"/> PAG-01 NOI <input type="checkbox"/> PAG-02 NOI <input type="checkbox"/> IP Application <input type="checkbox"/> ESCGP NOI <input type="checkbox"/> E&S Application		
Anticipated Submission Date:	<input type="text"/>	Anticipated Construction Start Date:	<input type="text"/>
PROJECT INFORMATION			
Project Description: <input type="text"/>			
Total Project Site Area: <input type="text"/> acres		Total Earth Disturbance Area: <input type="text"/> acres	
Name(s) of Surface Waters Receiving Discharges: <input type="text"/>			
Chapter 93 Designated Use or, if applicable, Existing Use of Surface Waters: <input type="checkbox"/> WWF <input type="checkbox"/> CWF <input type="checkbox"/> TSF <input type="checkbox"/> HQ <input type="checkbox"/> EV <input type="checkbox"/> Other: <input type="text"/>			
Stormwater discharges are proposed to HQ or EV surface waters, including wetlands.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Jurisdictional wetlands are known to be present on the project site.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Stormwater discharges are proposed to private or municipal storm sewers or combined sewers.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
A riparian buffer or equivalency demonstration will be required per 102.14(a) or Act 162.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Surface waters receiving stormwater discharges are impaired for siltation, suspended solids, turbidity, water/flow variability, flow modifications/alterations, or nutrients.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
The earth disturbance area is within an area of known karst topography.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Alternative E&S and/or PCSM BMPs or alternative E&S and/or PCSM design standards are proposed.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
A Managed Release Concept (MRC) BMP is being proposed.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
The project site is associated with an Act 2 remediation project or is otherwise known to contain contaminated soils or groundwater.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Chapter 105 and/or Chapter 106 permit(s) are required for this project.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
The project will involve phases or involve a larger common plan of development or sale.		<input type="checkbox"/> Yes <input type="checkbox"/> No	
<i>Submit this form via mail, fax or email to the agency that is responsible for reviewing the Notice of Intent (NOI) or individual permit application for a Chapter 102 permit. Attach a site plan and location map to this form or otherwise bring all available plans and maps to the pre-application meeting, if scheduled. The agency responsible for reviewing the NOI or application will notify the contact person identified above of date(s) available to hold the pre-application meeting. The agency may also request that a call, rather than a meeting, be held, or may waive the meeting or call. If the meeting/call is waived, the applicant may proceed to submit the NOI or application.</i>			

Key Agricultural Environmental Requirements

Farmers need to be aware of important requirements for farm operations. Two key items include an ag erosion and sediment control plan and a manure management plan. These plans provide a guide to improve your farm operation.

An Ag Erosion and Sediment control plan outlines the steps being taken on a farm to minimize these concerns. If you till more than 5,000 square feet or have an animal heavy use area of that size, a plan is required. A plan must identify your farm and tracts. A plan must show Best Management Practices (BMPs) to limit soil loss to T. Maps of the farm must be included which show streams, fields and property boundaries, animal heavy use areas, roads as well as existing and planned BMPs.

A manure management plan outlines how manure from livestock will be managed. All farms that land apply manure must have a manure management plan. Some operations with greater than two animal units per acre may require a higher level nutrient management plan. A manure management plan must list the acres of the operation as well as the number and type of animals. Manure application rates and sensitive environmental areas must be listed. Winter application, manure storage facilities and manure stockpiling areas on the operation must be addressed. Pastures and animal concentration areas must also be included in the plan.

The conservation district is a key asset to farmers. The district can provide assistance to farm operators as they write these required plans. Contact the district Agricultural Conservationist, Rich Voytko, to get started.



Farm Equipment for Rent

Great Plains 706NT No-till Drill

7ft planting width, 10 ft overall. Two seed boxes, large capacity. 4-Speed Gear Box. Adjustable depth control. 1-10 acres:\$12.00/acre. 10+ acres: \$10.00/acre. Minimum charge of \$50.00.

Stoltzfus Redhawk 40 Spreader

This is a 4 ton spreader (5 ton with installed extensions). It can be rented for \$6.00 per ton to spread your ag lime. If you conduct soil testing and apply lime to soil test recommendations the cost can be reduced to \$5.00 per ton.



Environmental Education

Beaver County's annual Envirothon was held at the Brady's Run Lodge on Wednesday, April 13th. Make sure to check out our District website and Facebook page for the announcement of the winners. The winning high school team will then have the opportunity to compete in the state competition on May 25th in Mifflinburg, PA.

Several of our Envirothon coaches and teams have made use of our Study Bins while preparing for the competition, during which teams test their knowledge in the areas of aquatic ecology, wildlife, forestry, soils & land use, and a current environmental issue. The winning Envirothon team will also have use of these materials for hands-on training for as long as they wish up until the time of the state competition.

Once the Envirothon season has ended, these hands-on learning materials are available for other groups to borrow for either their own programs or for District-led education opportunities. To learn more about what is included in the bins, please visit our website:

www.beavercountyconservationdistrict.org or contact the Conservation District today!

Envirothon Study Kit

FORESTRY:

- 3 Log Scale Sticks
- 2 Clinometer and Prisms
- Leaf & Seeds Specimens of Common Trees
- Common Noxious & Invasive Weeds Guide

AQUATICS:

- Preserved Aquatic Insects
- Key to Macroinvertebrate Life in the River
- Macroinvertebrate Life Cycle & Habitat Cards
- Macroinvertebrate Identification Cards
- PA Amphibians & Reptiles Fieldguide
- **10 Reptile & Amphibian Models***

WILDLIFE:

- Deer Aging Tool
- 3 Real Deer Jaws
- Fieldguide to Aging & Scoring White-Tailed Deer
- Mourning Dove Wing
- Deer, Coyote, Opossum Skulls
- **Urban Wildlife Study Kit***

SOILS:

- Soil Samples
- Soil Profile Study Guide
- Know Soil - Know Life Book
- 2 pH Test Kits

****These study aids come in separate bins.***

STUDY AIDS INCLUDE:



Envirothon coaches may borrow all or part of the study kit in two-week intervals over the winter or in one-week intervals during the month prior to the Beaver County Envirothon. Other teachers and youth leaders may borrow all or part of the kit in two-week intervals from June through December.

Contact us to borrow these items!

Phone: (724) 378—1701

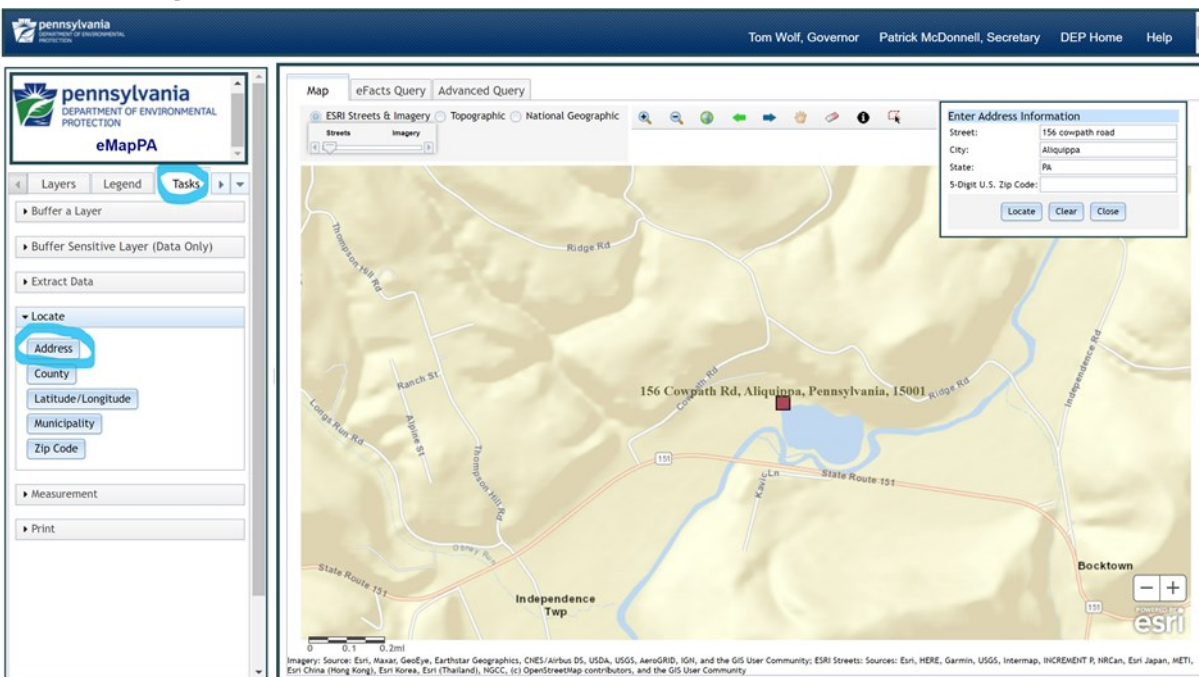
Email: beavercountyconservationdistrict@bccdpa.us



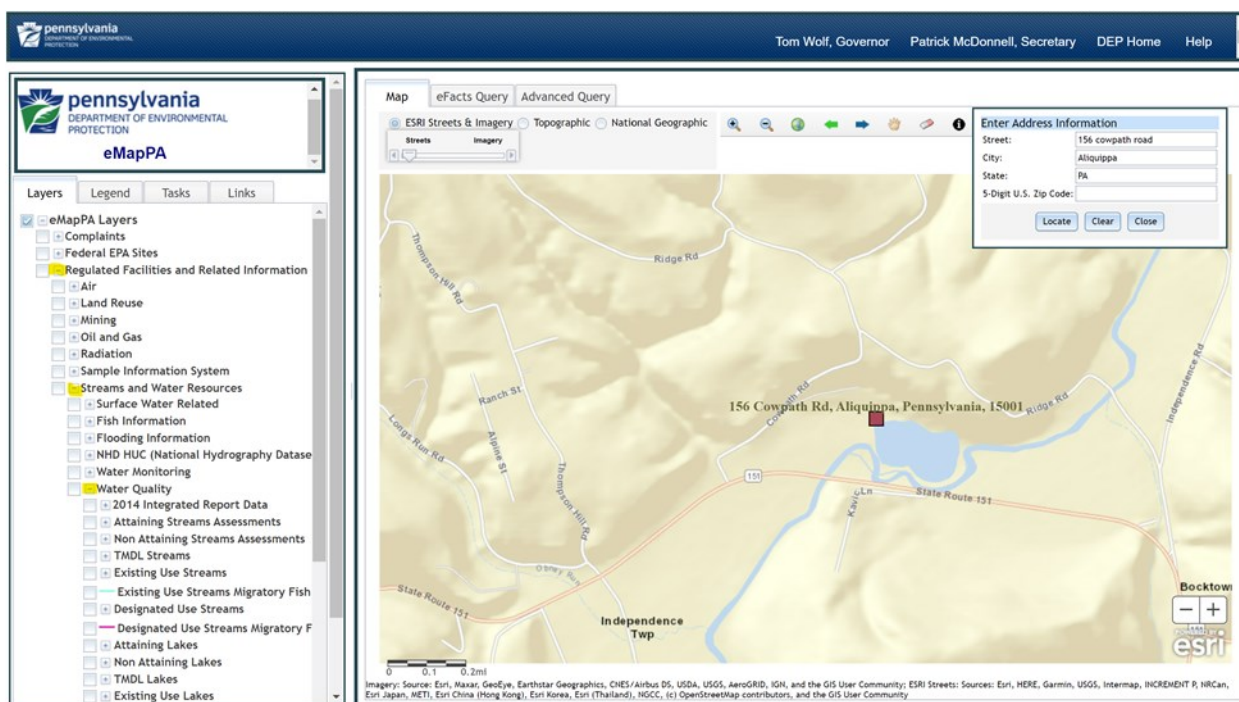
Chapter 105: Using eMapPA

Quite often, applicants of a Chapter 105 General Permit will reach out to the District in order to find out the name and Chapter 93 designation of the Receiving Stream on their property. The resource that we use is called eMapPA, and below is a brief tutorial on how the public can use it to find this information! In this tutorial, we will be using BCCD's office as the location. The link used to access this site is: <https://gis.dep.pa.gov/emappa/>

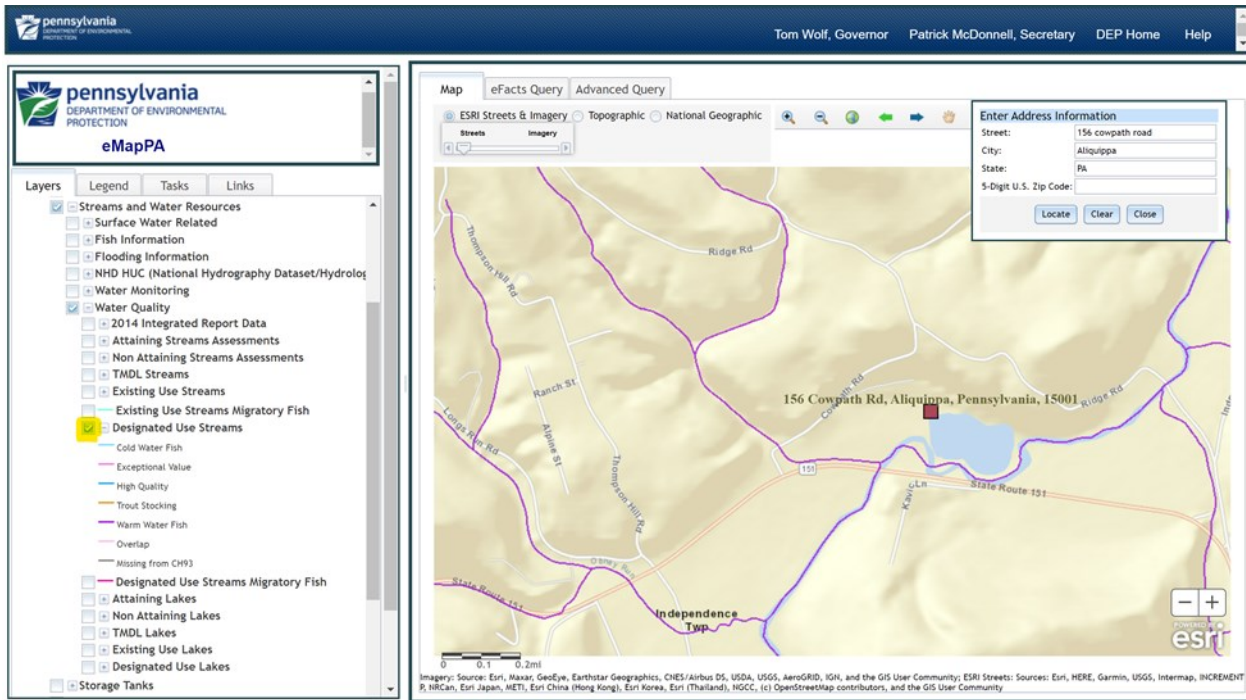
1. In the sidebar to the left, select "Tasks" and then "Address," and type your address into the box that appears in the top right corner.



2. Once the map has focused in on the address, select "Layers" in the sidebar to the left. Expand the following eMap Layers by clicking the + sign (highlighted in yellow): Regulated Facilities and Related Information, Streams and Water Resources, and Water Quality



3. At this point, you should be able to Checkmark the box (highlighted in yellow) next to “Designated Use Streams,” which should cause all streams in the area of interest to be called out in a different color, according to their Chapter 93 designation.



4. Finally, click the “Identify” tab at the top of the map (you may need to close the address box to access this). From there, click the stream you wish to identify. In this case, I have clicked Raccoon Creek, which has a Chapter 93 designation of WWF, or Warm Water Fisheries. I had originally clicked the stream closest to the District’s office, but it was an unnamed tributary, or UNT. As this is the case, on a Chapter 105 GP application, the Receiving Stream would be recorded as “UNT to Raccoon Creek,” and the Chapter 93 Designation would be WWF.

