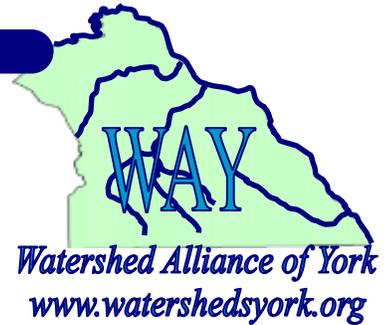


WAY E-NEWS

*A coalition of stakeholders committed to being innovative leaders
encouraging watershed-based planning, restoration and protection*



June 20, 2011

A PUBLIC-PRIVATE PARTNERSHIP

Volume 11, Issue 13

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- Applications Available for REAP Tax Credit Program – Jun 15
- Nominations Now Being Accepted For the 2011 Karl Mason Award – Jul 29
- Announcing the Wetland Program Development Grants Request for Proposals (RFP) – Aug 2
- Farm Foundation, NFP Small Grants Program – Jul 1
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- HUD to Award \$3.6 Million for Neighborhood Revitalization
- DOT Announces \$175 Million in Grants: Transit Options for Communities

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- Susquehanna River Basin Commission Meeting – Jun 23
- 6th Annual MAEscapes Native Plant Experience Garden Tour – Jun 25
- The 18th Annual Secchi Dip-In - Jun 25
- Celebrate National Rivers Month with a Paddle on the "Mother River"! – Jun 30
- Join us for an evening this summer to learn about CBF's work in PA! – Jul 12
- StormCon: Integrating Sustainable Green Infrastructure and Community Design – Aug 22
- 2011 Greenways And Trails Summit – Sep 11-13
- AWWA Water Security Conference and Distribution Systems Symposium & Expo – Sep 11-14
- Mid-Atlantic Invasive Plant Council Conference – Aug 3-4
- Clean Water America Alliance Urban Water Sustainability Leadership Conference – Oct 3-5
- Water and Health Conference: Where Science Meets Policy – Oct 3-7
- Security and Sustainability Forum Webinar Series on Adaptation and Security

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- Building Communities with Farms
- Farmland & Fecal Coliform—Studies show buffers can reduce bacteria and protect waterways.
- Global Water System Project Proceedings of The Global Dimensions of Change in River Basin
- Scientists Discover How 'Didymo' Algae Bloom in Pristine Waters With Few Nutrients
- Retrofitting Suburbia: Urban Design Solutions for Redesigning Suburbs
- Keeping Tabs on the H2O – Protecting creeks, patrolling bays, and evaluating low-cost BMPs
- Partnership for Sustainable Communities Launches Website
- Comments Invited On Adding Susquehanna Shad To State Wildlife Action Plan
- PA DEP Provides FAQ Regarding Chapter 102 Regulation Revisions
- National Academies Press Makes All NAP Publications Available for Free Download

WATERSHED CONTACTS

COUNTY PLANNING – (717) 771-9870
CONSERVATION – (717) 840-7430

- Agricultural conservation planning
- Environmentally sensitive dirt & gravel road maintenance
- Environmental stewardship and watershed protection
- Erosion & sediment control
- Stormwater complaints

24-HR EMERGENCIES – (877) 333-1904

- Chemical and oil spills from transport trucks, trains and industrial facilities

ENVIRONMENTAL – DEP-SCRO

- General Info 717-705-4700
- Director SCRO 717-705-47047
- Air Quality 717-705-4702
- Energy & Technology 717-705-4703
- Environmental Cleanup 717-705-4705
- Mining (800) 541-2050
- Radiation Protection 717-705-4704
- Waste Management 717-705-4706
- Water Supply Management 717-705-4708
- Water Management 717-705-4707
- Watershed Management 717-705-4704

FISHERIES – (800) 541-2050

- Wildlife (fish, reptiles, amphibians) nuisance problems or to report violations
- FISH KILL 1-855-347-4545

GAME & WILDLIFE – (888) 742-8001

- Wildlife (mammals or birds) to report violations or nuisance problems

ILLEGAL DUMPING

- Illegal dumping on state forest and park lands (877) 772-3673
- Illegal dumping York County 840-7687

MUNICIPAL (Phonebook Blue Pages)

- Air pollution by burning household garbage
- Dumping waste in surface waters
- Floodplain disturbances
- Municipal and residential septic/sewage problems
- Stormwater management

NOXIOUS PLANTS – (717) 772-5209

RECYCLING – (717) 845-1066

WETLANDS – (717) 249-2522

Updated 4/27/2011

WATERSHED ALLIANCE NEWS

Ag Land Preservation Board of York County – www.york-county.org/gov/AUTH/agri.htm

<> For information about farmland preservation in York County contact Patty McCandless at pmccandless@york-county.org or call 717-840-7400.

Carroll Citizens for Sensible Growth - <http://carrollcitizens.com/>

<> Contact: Deana Weaver at (717) 432-2211 or admin@carrollcitizens.com

Codorus Creek Watershed Association – www.codoruscreek.net

- Fall – Oil Creek Restoration Monitoring at Fuhman Farm, Gitts Run Rd., near Hanover, from 9:00 AM to 3:00 PM to be announced
 - Jul 11 – CCWA Meeting of Members and Board, 7:00 pm, at York Water Co. (Mt. Rose Ave.)
- <> Contact: Jim Leaman at 843-2929

Codorus Endowment Implementation Committee – www.yccf.org

- An advised fund of York County Community Foundation, the Codorus Watershed Endowment (CWE) is a substantial source of charitable support for the stream's improvement and the benefit of the many York Countians who use and enjoy this critical resource - for agriculture, industry, recreation and wildlife, and for drinking water and other municipal purposes.
- <> For more information, contact the York County Community Foundation at 14 West Market Street York, PA 17401-1203. Telephone: York 717.848.3733; Hanover 717.630.1843. Email: info@yccf.org

Codorus State Park – www.dcnr.state.pa.gov

Conewago Canoe Club – www.conewagocanooclub.org

- Aug 4 – Club Meeting – Mount Zion United Church of Christ, 7:00 pm, at Ridgewood Road in Pleasureville
 - Red Lion High School Paddling Instruction Schedule online
- <> Questions or comments e-mail me oc1mike@comcast.net, but remember you catch more flies with honey than vinegar.

Deer Creek Watershed Association – <http://deercreekwatershed.com/>

<> Contact Lee McDaniel at ldmcdaniel@aol.com.

Farm & Natural Lands Trust of York County – www.farmtrust.org

<> Contact: Sean Kenny at Farm & Natural Lands Trust of York County • 156 North George Street • Suite 300 • York, PA 17401 • Phone (717) 843-4411 • Fax (717) 854-7452 or skenny@farmtrust.org

Friends of Codorus State Park – www.friends-of-codorus.org/

<> For more information contact Becky Miller at 632-6747 or email beckymill1@juno.com or Dave Carbaugh at 637-9875 or email carbaugh3@embarqmail.com

Gifford Pinchot State Park – www.dcnr.state.pa.us/stateparks/parks/giffordpinchot.aspx

- Event calendar <http://www.dcnr.state.pa.us/Calendar/list.asp>
- <> Contact Elizabeth Kepley, Environmental Education Specialist, DCNR Bureau of State Parks/Gifford Pinchot State Park, 2200 Rosstown Road, Lewisberry, PA 17339. Phone: 717-432-5011

Gunpowder Valley Conservancy – www.gunpowderfalls.org

<> TO VOLUNTEER OR REGISTER FOR FREE or for more information contact Peggy Perry, Program Director for Gunpowder Valley Conservancy at 410-668-0118 or email little-owl@msn.com.

Horn Farm Center for Agricultural Education – www.hornfarmcenter.org

Thoughts of Spring are in the air and new things are “growing” at the Horn Farm. Read all about them in this issue of “Around the Horn.”

- Register Now For Community Gardens at the HFC
 - POTATO PATCH PROJECT AT THE HORN FARM
 - Girl Scout Volunteers Around the Farm
- <> Contact: Horn Farm Center for Agricultural Education, 4945 Horn Road, York, PA 17406. Phone: (717)654-0571. Email: info@hornfarmcenter.org. Web: www.hornfarmcenter.org.

Izaak Walton League York Chapter #67 – www.yorkchapter67iwla.org/

- Calendar of events – www.yorkchapter67iwla.org/id21.html
 - Club Open Meetings are held the Third Tuesday of each month at 7pm in the Clubhouse.
- <> Contact: York Chapter #67 IWLA, 7131 Ironstone Hill Road, Dallastown, PA 17313. Club Grounds Phone: 717-428-2000 *Leave a message for the Committee Contact or Club Officer you are trying to reach. Committee Contacts & Club Officers are listed on the Club Information Page. If no phone or email address is listed contact club grounds phone number.

Lower Susquehanna Riverkeeper – www.lowerSusquehannariverkeeper.org

- We at SOLS and the Lower Susquehanna RIVERKEEPER program invite you to our JUNE 18th FUNDRAISER, the SUSQUEHANNA BIATHLON! The Biathlon is a two part event starting with a scenic 5k run from the John Wright, ending at the Accomac Inn. Then, a paddle in your watercraft from the Accomac downriver to the John Wright. Prizes for top finishers in each category, plus we have an awesome raffle going on now for over \$500 worth of paddling and sportswear equipment including a brand new kayak! If a race isn't your

cup o tea no problem, we also have the folks at Shank's Mare guiding a Fun Paddle from the John Wright down to their shop at the same time. That afternoon, the John Wright Restaurant is hosting the 1st Annual Jam on the 'Hanna Music Festival featuring local and regional bands and foods - if you participate in the Biathlon or Fun Paddle you get free entry! Please consider joining us SATURDAY, JUNE 18th for the SUSQUEHANNA BIATHLON - this event has shaped up to be a blast and we at SOLS, as always, appreciate your support of our work improving the quality of your watershed! To find out more details go to www.SusquehannaBiathlon.org and click INFO to register.
<> Contact: Michael Helfrich, Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: lawsuriver@hotmail.com.

Maryland's Upper West Shore Trib Team - http://www.dnr.state.md.us/bay/tribstrat/upper_west/up_west_shore.html

<> Contact: RupertRossett, Tributary Team Coordinator, e-mail: RupertRossetti@aol.com

Mason-Dixon Trail System - <http://www.masondixontrail.org/>

<> Contact: James Hooper at 717/252-3784 or j.e.hooper@ieee.org

Mid-Atlantic Ecological Landscapes Partnership [MAEscapes] - www.maescapes.org

• July 25 - Advisory Board meeting, 6:30 pm, York County ANNEX

<> Contact: 717-840-7408 or Connie Schmotzer at cxs51@psu.edu

Peach Bottom Concerned Citizens Group Inc. - www.pbccg.com

<> Contact Maria Payan by email pbccg@hotmail.com or mail: Peach Bottom Concerned Citizens Group, P.O. Box 307 Delta, PA 17314. PBCCG, Inc is a nonprofit organization supported solely by volunteers and donations.

Prettyboy Watershed Alliance - www.prettyboywatershed.org

• Hiking Trails - Time to get out and enjoy the Prettyboy and to let you know two trails - Hemlock Gorge and Prettyboy - have been described and can now be [downloaded](#).

<> Contact: Nancy Shaper at nshaper@ihmi.edu

Sierra Club - Gov. Pinchot Group of PA - <http://pennsylvania.sierraclub.org/pinchot/>

• Monthly meetings will be held the last Tuesday of the each month at 6:30 pm in the Community Room at the Giant at 2300 Linglestown Rd, Harrisburg, PA 17110. All members are welcome!

<> Kim Anderson at sgfornyc@aol.com.

Shank's Mare Outfitters - www.shanksmare.com

GO PLAY OUTSIDE!

- Susquehanna House
- Lock 2 Cafe
- Outdoor activities <http://www.shanksmare.com/html/activities.html>

<> Shank's Mare: Call Us: 717-252-1616. Email us: Shanksmare@comcast.net

Spoutwood Farm Center for Sustainable Living - www.spoutwood.com

• Board of Directors meeting July 8, 2011, 7:00 PM, at the farm

<> Contact Rob & Lucy Woods at Spoutwood Farm at 717-235-6610 or spoutwood@comcast.net.

Sunnyside Farm CSA - <http://www.sunny-side-farm.com/>

We are the first farm to raise poultry and receive Food Alliance certification. We are very proud to be certified in our farm practices by this well respected group. Welcome to the virtual home of Sunnyside Farm, your go-to place off the I-83 corridor for pasture-based, intensive graised grass-fed beef, pork, chickens, farm fresh eggs, turkeys (for Thanksgiving) and raw honey. We also offer salmon, wild caught in Alaska. Located between York and Harrisburg in southern Pennsylvania, Sunnyside Farm welcomes visitors, just requests that you call before visiting. Homer Walden and Dru Peters have been farming for years on leased land, and in August 2009 acquired the property that is now Sunnyside Farm.

• Blog if you want almost daily updates, usually with pictures and video: <http://sunnysidedru.blogspot.com/>

<> Contact: Dru Peters drupeters@yahoo.com

Susquehanna Gateway Heritage Area - <http://www.susquehannaheritage.org/>

<> Contact Mark Platts, Susquehanna Heritage Corporation, 1706 Long Level Road, Wrightsville, PA 17368. Office: 717-252-0229. E-mail: info@lyhr.org.

Susquehanna Greenway Partnership - www.susquehannagreenway.org

<> For more information about the Susquehanna Greenway, please contact: The Susquehanna Greenway Partnership, 201 Furnace Road, Lewisburg, PA 17837. Phone: 570-522-7211. Email: greenway@susquehannagreenway.org

Trout Unlimited Codorus Chapter #558 - www.codorustu.org

• July 13 - Monthly Chapter Meetings 2nd Wednesday, 7:00 p.m., at Gander Mtn. (winter)

<> Contact: Tom Finenze at 840-1372 or tom@codorustu.org. Cancellations due to winter weather will be announced here, and on WSBA Radio, 910 AM.

Trout Unlimited Muddy Creek Chapter #575 - <http://muddycreektu.org/>

• July 20 - Chapter Meeting at [Collinsville Fish & Game](#)

<> Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

Watershed Alliance of Adams County - <http://www.adamswatersheds.org/>

- Meet the 3rd Wednesday @5pm.
- <> Contact: Adam McClain, Ph: 717-334-0636; E-mail: stilden@adamswatersheds.org

Watershed Alliance of York - www.watershedsyork.org

- July. 6 - Annual Meeting of WAY Board of Directors, 7:00 PM, at 324 W. Market St., York, PA.
- GoodShop Deals for WAY - <http://www.goodsearch.com/goodshop.aspx>
- WAY E-News - Published by the Watershed Alliance of York, Inc. to inform the public about news and information that affect York County watersheds and beyond. PLEASE SHARE WITH YOUR MEMBERSHIP AND E-MAIL LIST. Contributions of news, events and information relating to watershed education, funding, planning, restoration, protection, and stewardship welcome. Send contribution to and contact us for mailing list additions/changes to the e-mail address below. Distribution: electronic (1,850). Frequency: bi-weekly. Subscription: No charge. Editor: Gary R. Peacock.
- You can make www.goodsearch.com and be sure to enter WAY as the charity you want to support.
- <> Contact: Watershed Alliance of York, Inc. (WAY), C/o York County Conservation District, 118 Pleasant Acres Road, York, PA 17402. Phone: (717) 840-7430. Facsimile: (717) 755-0301. E-mail: gpeacock@yorkccd.org

Wecology - **NEW!**

Yellow Breeches Watershed Association - www.ybwa.org

- YBWA is sponsoring a pilot event with planning and coordination provided by Brook Lenker and Sara Nicholas from DCNR. We are running a youth sojourn on the Yellow Breeches June 12-14 (if it's below flood stage by then!) , focused on middle & high school students.
- BOARD OF DIRECTORS MEETING Wednesday, June 1, 2011, Messiah College Library-Athenaeum Room 6 PM.
- <> Contact: Deborah Goetz, at deborah.p.goetz@gmail.com or phone 717-697-4734

York-Adams Regional Smart Growth Coalition - www.yorkadamssmartgrowth.org

- <> Contact Shanna M. Wiest, Government Affairs Director, REALTORS Association of York & Adams Counties, Inc. 901 Smile Way York, PA 17404. Phone: (717) 843-7891. Fax: (717) 854-0720. <http://www.rayac.com>

York Audubon Society - <http://www.yorkaudubon.org/>

- <> Contact Tom Smith at 717-246-9767 or tls35@psu.edu.

York County Conservation District - www.yorkccd.org

- Board meets 2nd Friday, 11:30 a.m. (December-March) and 2nd Thursday, 7:00 p.m. (Apr.-Nov.), at the York County ANNEX
- Rain Barrel Sale! Visit our website for more information and prices.
- <> Contact: YCCD at 717-840-7430 or yorkccd@yorkccd.org

York County Parks & Recreation - www.YorkCountyParks.org

- Featuring 11 parks and approximately 4,300 acres, the York County Department of Parks and Recreation awaits your visit. Trails, lakes, pavilions, streams, and creatures of all kinds eagerly look forward to seeing you. So bundle up, pack some hot cocoa, and bring the family out to hike the trails, sled on the hills, watch the stars, and breathe in the crisp, fresh air of the New Year.
- <> For more information, contact York County Department of Parks and Recreation, 400 Mundis Race Road, York PA 17406-9721. Phone: (717) 840-7440. E-mail: Parks@York-County.org. Web: www.YorkCountyParks.org. Nixon Park Nature Center, 5922 Nixon Drive • York PA 17403. Phone: (717) 428-1961. E-mail: NixonCountyPark@york-county.org.

York County Planning Commission - www.ycpc.org

- Meets 1st Tuesday at 7:30 p.m., except Wed. Nov. 1 at 7:30 and Tues. Dec. 1, 6:00 p.m., at 28 E. Market St., 2nd Floor.
- <> Contact YCPC at 717-771-9870 or planner@ycpc.org



WATERSHED EDUCATION & OUTREACH

9th WATERSHED WEEKEND - Sep 24-25

The Watershed Alliance of York (WAY) is excited to announce the 9th Annual Watershed Weekend, on September 24 and 25, 2011, in York County and beyond. The purpose of the Watershed Weekend is to increase public awareness about the importance of their watersheds to the local community, economy, and public health. The idea is to encourage as many conservation, environmental and watershed groups, local authorities and governing agencies, for-profits and non-profits, schools, and other stakeholder groups to plan and sponsor one activity locally that will draw people to your watershed and allow them to participate in some manner while learning more about your organization and watershed. Venue sponsors will be responsible for planning, staffing and facilitating one activity on the dates, times and location(s) of their choosing. Already have an activity planned between mid-September and mid-October? Appropriate activities are eligible for inclusion in Watershed Weekend. WAY will serve a central coordinating role handling advertising and promotion and provide technical assistance for the venue, and our responsibility will be to get as many organizations and people involved in Watershed Weekend as possible. Financial assistance is available to sponsors of watershed cleanup activities to help defray the cost associated with waste disposal, handling, and transport. What type of venue should you sponsor? Experience shows us that people want to learn and engage in most hands on activities where they can see some results. Some examples for you to consider are educational workshops, litter cleanups, tree plantings, and outdoors

recreational activities. Be creative and use your imagination! We recommend that you keep it simple, fun and safe. We suggest that you and your organization consider adopting an Illegal Dump Site in your community and sponsor cleaning it up. A survey in 2009 found 274 of the illegal dump sites in York County, with an estimated 263 tons of trash, were littering our lands and directly polluting our waters. Municipalities with the most illegal dump sites found are Lower Chanceford, Hopewell, North Hopewell, Peach Bottom, and York Townships and the City of York. If you or your organization would like to sponsor a venue in your watershed, complete the Watershed Weekend Venue Sponsor Registration form online beginning July 1, and return it to us by July 31, 2010, either by mail, e-mail or fax. Your sponsored venue information will be included in our Watershed Weekend Guide to be released to the public on September 1st. For more information about Watershed Weekend 2010, contact Gary R. Peacock of WAY by calling 717-840-7687 or e-mailing gpeacock@yorkccd.org. Learn more about WAY, a public-private partnership, at www.watershedsyork.org. We hope to join you in your watershed! Yours in conservation, Mark Snyder, WAY President. www.watershedsyork.org

York County Joins Keep Pennsylvania Beautiful's Growing Grassroots Network

Greensburg, PA – (June 17, 2011) - Keep Pennsylvania Beautiful is pleased to announce the newest affiliate to the growing Keep Pennsylvania Beautiful network, Keep York County Beautiful. Keep York County Beautiful was developed with the support of the York County Commissioners and Penn State Cooperative Extension - York County - West Nile Virus Program. Thomas Smith will serve as the Affiliate Coordinator. Mr. Smith works for the West Nile Virus Program as the program's Administrator. Keep York County Beautiful will serve York County minus the City of York, which is served by Keep America Beautiful affiliate Keep York Beautiful. Keep Pennsylvania Beautiful, a nonprofit organization based in Greensburg, Westmoreland County, has the mission of empowering Pennsylvanians to make our communities clean and beautiful. Keep Pennsylvania Beautiful carries out their mission with the help of nineteen Keep Pennsylvania Beautiful affiliates and six Keep America Beautiful local affiliates across the state. Keep Pennsylvania Beautiful, along with their affiliates, have engaged more than 1,100,000 volunteers and nearly 15,000 communities in keeping Pennsylvania beautiful. They have properly disposed of almost 80 million pounds of littered trash from our communities and cleaned more than 93,000 miles of roadways, streams, trails, and greenways. The organization's three focus areas are Prevent It (litter and illegal dump prevention), Clean It (cleanup and community greening), and Keep It (proper waste handling and sustainable practices). By engaging volunteers, Keep Pennsylvania Beautiful extends the reach of its educational efforts and multiplies the impact of its actions. Keep Pennsylvania Beautiful believes education is the key to encourage positive behaviors toward community improvement and that improving communities, their environment, and quality of life all begins with personal responsibility. In July, 2010, Keep Pennsylvania Beautiful released its report on illegal dumps in York County. The Keep Pennsylvania Beautiful survey of the county, done in partnership with the Penn State Cooperative Extension - York County - West Nile Virus Program, identified 274 illegal dumpsites containing an estimated 263 tons of trash. The survey found that 36 of the 72 municipalities in the county have illegal dumping activity. Illegal dumpsites pose many threats to the health and safety of humans and wildlife, including giving mosquitoes a place to breed. West Nile Virus, carried by mosquitoes, has been a primary concern for environmental officials. An initial goal of Keep York County Beautiful will be to work with volunteer groups, municipalities, and community partners to get these sites cleaned and have them remain clean. Individuals and groups interested in volunteering can contact Keep York County Beautiful at 717-840-2375. If you would like to learn more about Keep Pennsylvania Beautiful and Keep York County Beautiful, visit the website www.keeppabeautiful.org.

Maryland Passes Law to Reduce Pollution from Lawn Fertilizer

Maryland has passed a law that will reduce pollution from lawn fertilizer applied to homes, golf courses and businesses. The Chesapeake Bay Commission, whose members introduced the legislation, estimates that the Fertilizer Use Act of 2011 will reduce phosphorus pollution from urban sources by 15 percent compared to 2009 levels. This equates to 20 percent of the phosphorus reduction Maryland needs to achieve its pollution reduction goals for the [Chesapeake Bay TMDL](#). Turf grass is now the largest "crop" in the Chesapeake Bay watershed, exceeding the amount of acres planted in corn and fast approaching all row crops combined. As the amount of lawns in the region increases, so does fertilizer use. The legislation limits the amount of nutrients in fertilizer used by homeowners and lawn care professionals. Nitrogen will be limited and phosphorus will be banned in most types of lawn fertilizer. Additionally, professional fertilizer applicators will have to be trained and certified in proper fertilizer application, such as keeping fertilizer off paved surfaces and not applying before heavy rain or when the ground is frozen. Areas along waterways, drainage ditches and near storm drains will be designated as "no-fertilizer zones." Read more... http://www.chesapeakebay.net/news_md/fertilizer11.aspx?menuitem=58162.

The "Link to Your Drink" at the 2011 PA Children's Water Festival

"Wherever you are, you are standing in a watershed and your actions have an impact on the water you drink." This was the take-home message at the "Link to Your Drink" activity presented at the 2011 PA Children's Water Festival. The festival, a national event was held on Tuesday, May 24 at Gettysburg College in Gettysburg, PA. Master Well Owner Network Coordinator, Misha Cleveland; MWON volunteer Julie Brooks; and Extension Educators Thomas McCarty, Jennifer Fetter and Diane Oleson used models convey the message that our drinking water comes from ground and surface water sources that have recharge areas in need of protection from pollution. Students used an Enviroscape model to observe the connection between activity on the watershed and contaminants entering the surface water. Cocoa powder, and red and green gelatin became pollutants that were washed into the surface water with squirt bottle rain. A groundwater model, with help from a carrot, toy bunny and M&Ms was employed to visualize the movement of water through the soil and its connection to drinking water. Students came to realize that their drinking water comes from a recharge area around a well and that the soil acted as a filter between the surface water and their drinking water. At the 2011 PA Children's Water Festival, over 300 volunteers and presenters hosted activities for approximately sixteen hundred fourth and fifth grade students, their teachers, and chaperons from York and Adams counties. The Festival is held annually, in different states. Activities are designed to allow students to:

- Explore water through interactive and dynamic activities
 - Learn about drinking water, groundwater, watersheds, surface water, and water quality
 - Gain a better understanding of their water supply and a better understanding of what a truly precious resource water is
- The Water Systems Council holds a Children's Water Festival in a different state every year, the intent being to educate students about the importance of their water resources. To learn more about the Water Systems Council, visit their website – www.watersystemscouncil.org.

Why Should I Pump my Septic Tank?

Septic tanks are commonly used as a part of onlot wastewater disposal systems for homes. Septic tanks remove solids from the wastewater that is disposed of down the drains including waste from the bathrooms, laundry and kitchen in your home. These solids either settle to the bottom of the tank, known as sludge, or float to the surface and become a scum layer. The clear liquid or effluent is then passed on to additional treatment processes or is distributed to the soil absorption area, such as a sand mound. Removing the solids from the wastewater in the septic tank protects the soil absorption area from clogging and failure. Up to 50 percent of the solids retained in the tank decompose; the remainder accumulates in the tank. Biological and chemical additives are not needed to aid or accelerate decomposition. Properly sized septic tanks are large enough to safely store up to three years of sludge and scum. If you go beyond three years and the tank fills with sludge and scum, the clear wastewater is retained in the tank for less time because there is less space in the tank for the liquid to remain there. As this occurs, the solids removal process becomes less effective and more solids escape into the soil absorption area. If too much sludge accumulates, the solids will flow to the soil absorption field causing system failure. System failure can lead to wastewater coming to the surface of your yard causing hazardous wet areas or it could cause wastewater to back up into your home. To prevent this, the tank must be pumped periodically. The material pumped is known as septage. The frequency of pumping depends on several factors: capacity of septic tank, volume of wastewater (related to size of household), and amount of solids in the wastewater (for example, use of garbage disposals produce more solids). Homeowners should get in the habit of having the septic tank pumped on a routine basis. If you are able to have your septic tank pumped on a schedule, such as every 2 years, it may be possible to further enhance the effectiveness of your entire onlot wastewater disposal system. Research at Penn State has shown that your soil absorption system will benefit from periodic resting (a period during which no wastewater is added to the system). To get the greatest benefit from pumping your septic tank, it is recommended that you have your septic tank pumped every two years on the day before you, and your family, leave for your summer vacation. This means the whole system, especially the soil absorption area, will have the opportunity to dry out and any partially decomposed organic waste that may have moved into the soil absorption area will quickly decompose in the absence of water. Under current Pennsylvania law a 900 gallon septic tank is the minimum size that may be used for a home with three bedrooms or less. If six people reside in a three-bedroom house, the tank should be pumped every 1.3 years. If the same system serves a family of two, the tank would need pumping every 5.2 years. Systems installed before the current rules and regulations were implemented may need to be pumped more often, perhaps every year or less. For more information about onlot septic systems, please visit <http://extension.psu.edu/water> and click on "Septic Systems". Information for this article edited by Dana Rizzo, Extension Educator, Water Quality. Information used by permission from Penn State College of Agricultural Sciences, Cooperative Extension [Fact Sheet F-161, Septic Tank Pumping](#) by Dr. A. R. Jarrett, Professor, Agricultural Engineering.

DCNR asks residents to help win trees for Pennsylvania state parks

With the simple click of a computer mouse, Pennsylvania residents can help plant trees for their state park system through a special promotion sponsored by a national beverage manufacturer. Read more... <http://www.dcnr.state.pa.us/news/resource/res2011/11-0608-odwalla.aspx>.

Open space added in Lower Susquehanna landscape

Representatives from local, state and national organizations convened June 1 to celebrate the purchase and protection of a 115-acre refuge of green pastures near the City of York. Read more... <http://www.dcnr.state.pa.us/news/resource/res2011/11-0608-lowersusqli.aspx>

Governor O'Malley Signs New Natural Resources Laws

Governor Martin O'Malley signed into law legislation to protect Maryland's fisheries and encourage shellfish aquaculture. Supported by scientists, watermen, fishing and environmental organizations, the new laws are designed to deter harmful fishing activity by increasing penalties for oyster, blue crab, and striped bass poachers; authorizing Natural Resources Police officers to inspect commercial fishing businesses' storage areas; and streamlining penalty imposition processes. More info... <http://dnr.maryland.gov/dnrnews/pressrelease2011/051911c.asp>

Maryland Has Water Trails

More than 600 miles of water trails are designated in Maryland, and the network is expanding. Many of the trails are located in the Chesapeake and Atlantic coastal bays. If you want to receive updates about new water trails you can sign up for a free email newsletter. For more information... <http://www.dnr.maryland.gov/boating/mdwatertrails/>

WATERS EnviroMapper

EnviroMapper for Water is a web-based Geographic Information System (GIS) application that dynamically displays water quality and other environmental information about bodies of water in the United States. This interactive tool allows you to create customized maps that portray the nation's surface waters along with a collection of water quality related data from the national level down to community level. The redesigned tool provides the ability to:

- Geographically display a variety of EPA water program data
- Pan, zoom, label and print maps
- Link to water program web reports after identifying specific features of interest
- Generate specific water quality related reports based on an area of interest

Have you always wondered about the health of a river near where you live? Now you can find out by creating a map using EnviroMapper for Water. <http://www.epa.gov/waters/enviromapper/index.html>

EPA Invites Students, Software Writers To Submit Apps For The Environment – Sep 16

The U.S. Environmental Protection Agency this week announced its "[Apps for the Environment](#)" challenge to encourage the development of innovative environmental applications for people and communities. Entries are due by September 16. The challenge invites the information technology community to create applications that help people make informed decisions about environmental issues that can affect their health. EPA is engaging students, colleges and universities, and developers across the U.S. to develop and submit an app. The challenge is a step towards a longer term objective of engaging developers and raising awareness about the availability and usefulness of EPA's data. Applications for the challenge must use EPA's data and be accessible via the web or a mobile device. EPA experts will select finalists and

winning submissions based their usefulness, innovation, and ability to address one or more of EPA Administrator Lisa P. Jackson's [seven priorities](#) for EPA's future. In addition, the public will be able to vote for a "People's Choice" winner. Winners will receive recognition from EPA on the agency's website and at an event in Washington, D.C. in the fall, where they'll be able to present their apps to senior EPA officials and other interested parties. For more information, go to EPA's [Apps for the Environment](#) webpage.

BRUNNER ISLAND ENVIRONMENTAL PRESERVE – Summer 2011 Environmental Programs

DATE	PROGRAM	LOCATION*	TIME
Sat., July 30	MOTHER NATURE'S NIGHT LIFE	BIW	7:30-11 p.m.
Aug. 19-21	CIVIL WAR WEEKEND	OCC	various
Sat., Aug. 27	GEOCACHING getting in on the FUN	BIW	9 a.m. - noon
Sat., Sept. 17	TAG A MONARCH	BIW	1-3 p.m.
Sat., Sept. 24	WATERSHED CLEANUP	CBL	9 a.m. to noon

*Location Code: BIW – Brunner Island Wetlands OCC – Otter Creek Campground CBL – Conewago Boat Launch Area

For more information, please visit our website at www.pplpreserves.com, call 1-800-354-8383 or e-mail pplpreserves@pplweb.com. For information on the current river conditions, call the Lower Susquehanna Hot Line at 1-800-692-6328.



WATERSHED FINANCIAL ASSISTANCE

Applications Available for Agricultural Resource Enhancement and Protection (REAP) Tax Credit Program – Jun 15

The state's Resource Enhancement and Protection (REAP) program provides tax credits to Pennsylvania's agriculture producers for the purchase of conservation equipment and materials that could help protect the environment. [Press Release](#). Contact: [Amy Smith](#)

Nominations Now Being Accepted For the 2011 Karl Mason Award – Jul 29

The [PA Association of Environmental Professionals](#) is now accepting nominations for its annual [Karl Mason Award](#). Nominations are due July 29. Nominations can be made in two categories: An individual who demonstrated exemplary leadership in the field of environmental management; or an organization, project or program that made a significant contribution toward maintenance or restoration of Pennsylvania's environmental quality. The award is presented to Pennsylvanians who made a unique and creative contribution to the field of environmental management in Pennsylvania with preference given to the fields of administration, law, regulation and community organization. A list of past winners of the award [are available online](#). PAEP is also sponsoring a photo contest for its members. [Click Here](#) for more information.

Announcing the Wetland Program Development Grants Request for Proposals (RFP) – Aug 2

The Wetland Program Development Grants (WPDGs) FY 11 RFP was issued on June 6. Proposals are due August 2. Approximately \$1.5 million is available to provide eligible applicants (States, local government agencies, interstate agencies, and Universities that are agencies of a state government) an opportunity to conduct and promote the coordination and acceleration of research, investigations, experiments, training, demonstrations, surveys, and studies relating to the causes, effects, extent, prevention, reduction, and elimination of water pollution. Implementation of wetland protection programs is not an eligible effort. It is anticipated that 1-3 projects will be selected for funding, based on funding availability. The full announcement can be found at: <http://www.epa.gov/reg3esd1/wetlands/grants.htm>. Please provide this information to your contacts that are eligible to apply. Danielle Algazi, Senior Project Officer, Environmental Assessment and Innovation Division EPA Region III 1650 Arch Street Philadelphia, PA 19103. Phone 215-814-2722.

Farm Foundation, NFP Small Grants Program – Jul 1

Farm Foundation, NFP will award a total of \$25,000 in small grants in its 2012 fiscal year. "Small grants are one means the Foundation uses to stimulate new ideas and build networks of resources," said Farm Foundation, NFP President Neil Conklin. "While not extremely large, these grants can be very significant as a catalyst to get a new program or a new idea off the ground." The maximum amount to be awarded per grant is \$5,000. Any projects funded must be non-advocacy in nature, and provide balanced, objective information. The Foundation's fiscal year is May 1 through April 30. The Foundation's work focuses in six major areas: (1) Agriculture in the Environment, (2) Energy and Agriculture, (3) Food, Agricultural and Trade Policy, (4) Agricultural and Food System Productivity, Research and Technology, (5) Food Quality, Safety and Consumer Perceptions, and (6) Viability of Rural Regions. Proposed grants should address one of the Foundation's six program areas. Such grants should develop, disseminate and/or publicly present educational materials or scientific research findings which contribute to informed discussions and foster debate, bringing together all stakeholders to foster deeper understanding of issues affecting agriculture, food systems and rural regions. Applications for the Foundation's FY2012 grants are due July 1, 2011. Responses will be issued Aug. 15, 2011. <http://www.farmfoundation.org/ourwork.aspx?m=Guidelines&a=357>

PEMA Seeking Applications For Fire Company, Ambulance Services Grants – Sep 1

The PA Emergency Management Agency is now accepting applications for its Volunteer Fire Company and Volunteer Ambulance Services Grant Program. ([formal notice](#)) Applications are due September 1. [Click Here](#) for more information.

HUD to Award \$3.6 Million for Neighborhood Revitalization

The U.S. Department of Housing and Urban Development (HUD) announced recently that \$3.6 million is available to assist in the transformation, rehabilitation and preservation of public housing and privately owned HUD-assisted housing. Applicants to the Choice Neighborhoods Planning Grants must demonstrate their plan to revitalize the neighborhood through public-private partnerships. HUD

anticipates awarding approximately 12 grants with a maximum award of \$300,000 each. Applications are due August 8, 2011.
http://portal.hud.gov/hudportal/HUD?src=/press/press_releases_media_advisories/2011/HUDNo.11-111

DOT Announces \$175 Million in Grants: Transit Options for Communities

U.S. Transportation Secretary Ray LaHood recently announced the availability of up to \$175 million in livability grants to help urban, suburban and rural communities develop transit options to better connect people to where they live, work and play. Livability grants will help assure that transportation and housing decisions are made jointly in communities. The grant program details and deadlines for applications will be announced the week of June 20th in the Federal Register. Learn more: <http://ow.ly/5nQsK>



WATERSHED FACILITATION ASSISTANCE

Susquehanna River Basin Commission Meeting – Jun 23

TIME: 8:30 a.m. LOCATION: Cecil College, Conference Center, North East, MD. You are cordially invited to the next public meeting of the Susquehanna River Basin Commission, which will be held on Thursday, June 23, at Cecil College in North East, MD. Attached is an invitation flyer that includes the agenda for our business meeting. In addition to the regular business meeting items, we are pleased to have Del. David Rudolph offer opening remarks and a presentation by David Heicher and Andy Gavin of SRBC focusing on the Chesapeake Bay Priority Management Area. <http://www.srbc.net/>

6th Annual MAEscapes Native Plant Experience Garden Tour – Jun 25

Tour will be held on Saturday June 25, 9am-5pm. Click on the link below for more information and registration (scroll to the bottom of the page for the registration form). <http://extension.psu.edu/york/events/native-plant-experience>

The 18th Annual Secchi Dip-In - Jun 25

This year's Secchi Dip-In runs from June 25 to July 17. During the three-week event in June and July, volunteers demonstrate that they can provide valuable continent-wide, and even world-wide, water quality data. Thanks to participation by volunteers in programs such as yours, the Dip-In has gathered over 41,000 records since 1994, allowing us to determine transparency trends in more than 2,000 waterbodies. The Dip-In recruits volunteers only through existing monitoring programs, insuring that the data are reliable. The data are important and are yielding new and exciting information on trends in transparency across North America. The data are available to researchers and state and federal agencies because there is assurance of quality data. Visit [Secchi Dip-In](#) to find a volunteer monitoring group and additional information.

Celebrate National Rivers Month with a Paddle on the "Mother River"! – Jun 30

Come paddle with us on the Susquehanna River below Holtwood Dam, Thursday, June 30, 3 p.m. to 8 p.m.! What you'll see: We will paddle through extraordinary rock formations featuring unique schist bedrock while exploring a great section of the mighty Susquehanna. Who: Hosted by CBF's own [Susquehanna Watershed Education Program \(SWEP\)](#), this event is free and open to CBF members, members' families and friends. Children are welcome but must be in at least 5th grade or higher and accompanied by an adult. Space is limited and will be awarded on a first-come, first-served basis. Logistics: The group will meet on the York side of the river at the Muddy Creek Launch. Paddle instruction will be offered for those who are first-time paddlers. All canoes and paddling equipment will be provided. Please note: Due to insurance limitations, we cannot allow people to bring their own boats or life jackets. We will be stopping along the way to eat, and participants are encouraged to pack a small picnic, but snacks and sodas will be provided! What to bring: River shoes (old sneakers work great—we will be getting our feet wet!); Fishing equipment (optional); Sunscreen and a hat; Bug spray; Water bottle; Picnic. How to sign up: Please [RSVP](#) by June 27 (make sure to include the total number of people in your party). Once registered, you will receive a confirmation e-mail with directions to the site. Questions about this event may be directed to Kim Patten, 717/234-5550 or kpatten@cbf.org. See you on the river! Kim Patten

Join us for an evening this summer to learn about CBF's work in PA! – Jul 12

Please join us for an evening in July to learn about how CBF is working to protect Pennsylvania's local waters, communities, and the Chesapeake Bay. Find out more about our work, meet our staff, and learn about opportunities to get out and experience the Bay and its rivers and streams. Food and refreshments will be provided, and CBF apparel is available for those who attend. Come to any of the following three events...and bring a friend! Tuesday, July 12, 2011 York Area Member Meeting, 6:30 p.m. to 8:30 pm. Shanks Mare Outfitters, 2092 Long Level Road, Wrightsville, Pennsylvania. RSVP by July 5 to tuffelman@cbf.org or by phone at 717/234-5550.

StormCon to Host Course on NEW Light Imprint: Integrating Sustainable Green Infrastructure and Community Design – Aug 22

August 22, 2011 from 8:00 a.m. - 4:00 p.m. at the 2011 StormCon Conference – The Light Imprint tool set addresses stormwater runoff through natural drainage, conventional engineering infrastructure, and innovative infiltration practices. These tools are used at the regional, neighborhood, and block scale. In design sessions, participants create site design overlays for projects including brownfield infill development, greyfield redevelopment, historic district improvements, suburban retrofit, and new greenfield village development. To learn more about this course and other course offerings, visit: www.StormCon.com.

2011 Greenways And Trails Summit – Sep 11-13

The 2011 Greenways and Trails Summit will be held in York this year on September 11-13 sponsored by the [PA Recreation and Park Society](#) and the Department of Conservation and Natural Resources. The theme of the Summit is, "Health and Recreation Destinations...Greenways and Trails Leading the Way." Check the [PA Recreation and Park Society](#) website for more information in the future.

AWWA to host Water Security Conference and Distribution Systems Symposium and Exposition – Sep 11-14

September 11 - 14, 2011 in Nashville, TN – Program topics at the Water Security Conference will include Contamination Warning Systems, Physical and Cyber Security, Security and Emergency Response. More information about this conference may be found at: <http://www.awwa.org/Conferences/securityconf.cfm?ItemNumber=753&navItemNumber=3543>.

Mid-Atlantic Invasive Plant Council Conference – Aug 3-4

The Mid-Atlantic Invasive Plant Council will hold its [Sixth Invasive Plant Conference](#) on August 3-4 at the U.S. Fish and Wildlife Service National Conservation Training Center in Shepherdstown, WV. The Conference theme is, "Tools and Techniques for Mapping, Managing and Mending Invaded Lands." Topics for the Conference include: early detection and prevention; invasive species mapping, monitoring and control; restoration; cooperative weed management partnerships; field demonstrations of GPS technologies, mechanical and chemical control techniques, herbicide selection, mixing and sprayer calibration and personal protective equipment; and the history, spread and control of wavyleaf basketgrass. Pesticide recertification credits will be available. For more information, please send email to Jan McFarlan at: ilm@upenn.edu. For more information and to register, visit [the Conference](#) webpage, courtesy of the [Morris Arboretum](#) of the University of Pennsylvania.

Clean Water America Alliance to Host 2011 Urban Water Sustainability Leadership Conference – Oct 3-5

October 3 - 5, 2011 in Milwaukee, WI – Join others in exploring models for sustainability that feature cross-agency collaboration for green infrastructure and resource recovery. To register, visit: http://www.cleanwateramericaalliance.org/events_uwslc.php.

Water and Health Conference: Where Science Meets Policy – Oct 3-7

October 3 - 7, 2011 in Chapel Hill, NC – Themes for this conference include: Freshwater Availability & Climate Change Adaptation; Southeastern U.S. Water Challenges; Human Rights and Ethics; Small Community Water, Sanitation and Hygiene; Peri-urban Water, Sanitation and Hygiene; and Hygiene Behaviors and Household Water Treatment. For more information, please visit: <http://whconference.unc.edu>.

Security and Sustainability Forum Hosts Summer 2011 Webinar Series on Adaptation and Security

These free monthly online seminars focus on effective measures to adapt to the national security threats of a changing climate. Hear government and industry decision makers address policy, technology, and research approaches to address historical and evolving environmental and security threats, while advancing U.S. productivity. For more information on the webinar series, visit: <http://securityandsustainabilityforum.org/new/events/>.



WATERSHED TECHNICAL ASSISTANCE

Building Communities with Farms

This illustrated report released by the Liberty Prairie Foundation presents five case studies from projects around the country that incorporate agriculture into new community design. The report reviews practices and issues useful to developers and designers as they consider urban agriculture in communities. http://r20.rs6.net/tn.jsp?llr=vyomgzaab&et=1105926466484&s=2049&e=001-ifu5SsKS7tuONuuv6rV7nL-fP-Af2qXreOGI-VaJy5r2RolskxbxAoNcKrqV_Z9_uXkTDqkUEnVki8jixMYR07e_ZT-i41ITaAL6vAwSt79UJ3LCFb2tHcHSFV6PwXUUZpf1krEY990GYxVNCNKN0EDzNj7EKTrleRACks4MyA=

Farmland and Fecal Coliform – Studies show buffers can reduce bacteria and protect waterways.

Fecal coliform transport on agricultural land can vary greatly with precipitation, livestock densities, and other environmental considerations. Various studies have discussed the effectiveness of different conservation practices for reducing fecal coliform loads on streams and subsurface water. These studies all conclude that grass buffers, along with other support practices, can result in significant load reductions. These studies also indicate that bacteria can be tied to soil particles and that soil erosion practices can also aid in reducing fecal coliform loads. This article reviews several research publications regarding the transport of bacteria in waterways and through different types of buffer systems, impacts from the lack of buffers, and overall contributions from agriculture to surface and subsurface waterways. Fecal coliform bacteria are often declared to be an impairment requiring total maximum daily loads (TMDLs) in watersheds with heavy agricultural land use. Fecal coliform is often utilized as an indicator according to land use of livestock presence in or near waterways or presence of failing onsite sewage treatment facilities. In order to plan for best management practices (BMPs) that will address these issues, one must first understand the organism and how it reaches our waterways. Fecal coliform bacteria are classified in the group proteobacteria and characterized as a chemoheterotrophic proteobacteria. This includes the enteric bacteria, which inhabits the intestinal tract of animals; most enteric are rod-shaped facultative anaerobes; many are usually harmless; others are generally pathogenic, including Salmonella, one of the microorganisms that cause food poisoning. These bacteria absorb their nutrients from the body fluids of living hosts and will use oxygen if it is present but can also grow by fermentation in an anaerobic environment. Read article... <http://www.erosioncontrol.com/june-2011/farmland-and-fecal.aspx>.

Global Water System Project Releases Proceedings of The Global Dimensions of Change in River Basins

These proceedings contain 20 papers from various parts of the world. Some of the selected subjects include: Impact of global change on large river basins; River flow projections in a changing climate; Impacts of national and international actors on river basin management; Effect of changing anthropogenic and climate conditions on BOD loading and water quality; and, Water resources planning and management regions: new insights for defining regions. For the report, visit: https://docs.google.com/viewer?a=v&pid=explorer&chrome=true&srcid=0B8FZ9WSEG7a2NjM1MTEzYzktOWU0NC00ZjhLTKxYjltOTdjMzc2N2UyYmZj&hl=en_US. This report will also be placed on the Archive Web Site at: <http://sites.google.com/site/sustainablewaterresources/>, on the 2010 Reports and Publications page.

River Mystery Solved: Scientists Discover How 'Didymo' Algae Bloom in Pristine Waters With Few Nutrients

ScienceDaily (June 3, 2011) — The pristine state of unpolluted waterways may be their downfall, according to research results published in the journal *Geophysical Research Letters*. A species of freshwater algae that lives in streams and rivers, called Didymo for Didymosphenia geminata, is able to colonize and dominate the bottoms of some of the world's cleanest waterways—precisely because they are so clear. Didymo does so with a little help from its friends—in this case, bacteria—which allow it to make use of nutrients like phosphorus. Read article... <http://www.sciencedaily.com/releases/2011/06/110603161819.htm>

Retrofitting Suburbia: Urban Design Solutions for Redesigning Suburbs

Updated in 2011, this comprehensive guide book illustrates how existing suburban developments can be redesigned into more urban and more sustainable places. The book shows how development in existing suburbs can absorb new growth and evolve in relation to changed demographic, technological, and economic conditions. <http://www.wiley.com/WileyCDA/WileyTitle/productCd-0470934328,subjectCd-AR50.html>

Keeping Tabs on the H2O – Protecting creeks, patrolling bays, and evaluating low-cost BMPs

Water monitoring has a wide variety of applications, from determining amounts of foreign matter in potable water supplies to diagnosing the long-term health of an ocean or a marsh. State and federal officials must be concerned about runoff, as governing bodies negotiate with private concerns to develop guidelines and regulations. But behind all the practical reasons for and ramifications of water monitoring lies scientific query that seeks to use data as its own platform for continuing hypothesis and research. Read article... <http://www.erosioncontrol.com/june-2011/water-monitoring-sediment.aspx>

Partnership for Sustainable Communities Launches Website

The Partnership for Sustainable Communities, formed in June 2009 by the U.S. Department of Housing and Urban Development (HUD), U.S. Department of Transportation (DOT), and the U.S. Environmental Protection Agency (EPA), now has its own website, www.sustainablecommunities.gov. This partnership was formed to help communities nationwide improve access to affordable housing, increase transportation options, and lower transportation costs while protecting the environment.

Comments Invited On Adding Susquehanna Shad To State Wildlife Action Plan

The Fish and Boat Commission is inviting public comment on the addition of Susquehanna River American shad to the [state Wildlife Action Plan](#), the document that prescribes conservation measures for species and their critical habitat before they become rarer and more costly to protect and restore. In September 2005, the PFBC and the Game Commission submitted the Pennsylvania Wildlife Action Plan to the U.S. Fish and Wildlife Service, which must approve all proposed amendments. This plan was required from each state and U.S. territory in order to continue to receive funds under the State Wildlife Grants Program. Since 2001, Pennsylvania has received nearly \$20 million with an annual appropriation of approximately \$2 million. This funding is shared equally between the PFBC and the Game Commission. The Fish and Boat Commission was established, in part, to protect American shad and associated migratory species and given the status of its population, it is only logical that this species be included in the Pennsylvania Wildlife Action Plan. Historically, catches of American shad along the Atlantic coast have plummeted from about 50 million pounds in 1900, to less than 4 million pounds in 1980, and even further to 1.5 million pounds by 1993. A moratorium on harvesting American shad in the Chesapeake Bay has been in place since 1980. A moratorium on directed harvest in ocean waters was put in place by the Atlantic States Marine Fisheries Commission in 2005. Currently, the species is under restoration in Pennsylvania, Maryland, Virginia, Delaware, North Carolina, New Jersey, Connecticut, Massachusetts, Vermont and Maine. Within Pennsylvania, the primary rivers with American shad are the Susquehanna, Lehigh and Delaware rivers. On the Susquehanna River, catch of American shad at the fish lifts at Conowingo Dam averaged 120 fish per year from 1972 to 1981, and then increased steadily to a maximum of more than 200,000 fish in 2001. Since 1989, hatchery-reared shad have predominated, representing 61 percent of the catch at Conowingo. The Fish and Boat Commission is specifically recommending the addition of the American shad within the Susquehanna River drainage to the Pennsylvania Wildlife Action Plan at "Conservation Tier 5 - Maintenance Concern Level." Conservation Tier 5 contains species that are considered relatively abundant and fairly secure in Pennsylvania, but have undergone declines. The proposed American Shad amendment and American Shad Species Account are posted online. Public comments will be accepted through July 6. Comments may be [submitted electronically online](#). Written comments must be postmarked no later than July 6 and should be sent to: American Shad/WAP/Public Comments, c/o Dave Day, Pennsylvania Fish and Boat Commission, P.O. Box 67000, Harrisburg, PA 17106-7000. Pennsylvania's Wildlife Action Plan can be downloaded from the [Commission website](#).

PA DEP Provides FAQ Regarding Chapter 102 Regulation Revisions

To ensure consistency and understanding of the Chapter 102 Regulations Revisions, DEP recently provided a Frequently Asked Questions document to supplement the existing regulatory requirement. [Frequently Asked Questions](#). Contact: [Jennifer Orr](#)

National Academies Press Makes PDF Versions of All NAP Publications Available for Free Download

Effective June 2nd, PDFs of reports that are currently for sale on the National Academies Press (NAP) website and PDFs associated with future reports will be offered free of charge to all Web visitors. NAP produces more than 200 books a year on a wide range of topics in science, engineering, and health. The current online inventory includes more than 4,000 publications. America's Climate Choices, one of those studies, is a suite of coordinated activities that builds on an extensive foundation of previous and ongoing work, including current and past National Research Council reports, assessments from other national and international organizations, current scientific literature and climate action plans by various entities. To access NAP publications online please visit:

http://www.nap.edu/register.html?utm_medium=etmail&utm_source=National%20Academies%20Press&utm_campaign=NAP+mail+eblast+6.1.11+-+Free+Announcement&utm_content=Downloader&utm_term

or to access America's Climate Choices publication, please visit the NAP homepage: <http://www.nap.edu/>.

