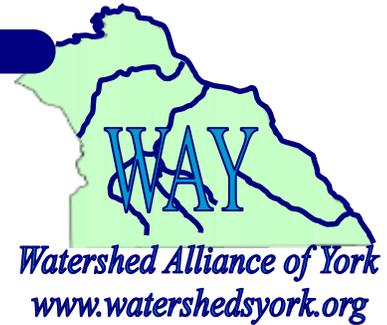


# WAY E-NEWS

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



March 12, 2012

A PUBLIC-PRIVATE PARTNERSHIP

Volume 12, Issue 6

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## 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](http://www.york-county.org/gov/AUTH/agri.htm)

- For information about farmland preservation in York County contact Patty McCandless at [pmccandless@york-county.org](mailto: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](mailto:admin@carrollcitizens.com)

### **Codorus Creek Watershed Association** – [www.codoruscreek.net](http://www.codoruscreek.net)

- Apr 16 – 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](http://www.yccf.org)

- 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](mailto:info@yccf.org)

### **Codorus State Park** – [www.dcnr.state.pa.gov](http://www.dcnr.state.pa.gov)

### **Conewago Canoe Club** – [www.conewagocanoecub.org](http://www.conewagocanoecub.org)

- Mar 1 – Club Meeting – Mount Zion United Church of Christ, 7:00 pm, at Ridgewood Road in Pleasureville
- Questions or comments e-mail me [oc1mike@comcast.net](mailto: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](mailto:ldmcdaniel@aol.com).

### **Farm & Natural Lands Trust of York County** – [www.farmtrust.org](http://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](mailto:skenny@farmtrust.org)

### **Friends of Codorus State Park** – [www.friends-of-codorus.org/](http://www.friends-of-codorus.org/)

- For more information contact Becky Miller at 632-6747 or email [beckymill1@juno.com](mailto:beckymill1@juno.com) or Dave Carbaugh at 637-9875 or email [carbaugh3@embarqmail.com](mailto:carbaugh3@embarqmail.com)

### **Gifford Pinchot State Park** – [www.dcnr.state.pa.us/stateparks/parks/giffordpinchot.aspx](http://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](http://www.gunpowderfalls.org)

- How to contact us U.S. Mail: Gunpowder Valley Conservancy, P.O. Box 9733. Towson, MD 21284. Or Assistant Project Manager Rachel Streusand [rstreusand@gunpowderfalls.org](mailto:rstreusand@gunpowderfalls.org).

### **Horn Farm Center for Agricultural Education** – [www.hornfarmcenter.org](http://www.hornfarmcenter.org)

- Contact: Horn Farm Center for Agricultural Education, 4945 Horn Road, York, PA 17406. Phone: (717)654-0571. Email: [info@hornfarmcenter.org](mailto:info@hornfarmcenter.org). Web: [www.hornfarmcenter.org](http://www.hornfarmcenter.org).

### **Izaak Walton League York Chapter #67** – [www.yorkchapter67iwla.org/](http://www.yorkchapter67iwla.org/)

- 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](http://www.lowerSusquehannariverkeeper.org)

- Contact: Michael Helfrich, Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: [lowsusriver@hotmail.com](mailto:lowsusriver@hotmail.com).

### **Maryland's Upper West Shore Trib Team** – [http://www.dnr.state.md.us/bay/tribstrat/upper\\_west/up\\_west\\_shore.html](http://www.dnr.state.md.us/bay/tribstrat/upper_west/up_west_shore.html)

- Lower Susquehanna River Watershed Assessment Announcement (UNCLASSIFIED) – As indicated in the study notice, you may want to check out (and even bookmark?) the project website: <http://bit.ly/LowerSusquehannaRiver>.
- Contact: RupertRossett, Tributary Team Coordinator, e-mail: [RupertRossetti@aol.com](mailto:RupertRossetti@aol.com)

### **Mason-Dixon Trail System, Inc.** - <http://www.masondixontrail.org/>

- Mar 24 - Next meeting will be in White Clay State Park, DE, details to be supplied later
- Contact: James Hooper at 717/252-3784 or [j.e.hooper@ieee.org](mailto:j.e.hooper@ieee.org)

### **Mid-Atlantic Ecological Landscapes Partnership [MAEscapes]** – [www.maescapes.org](http://www.maescapes.org)

- Mar 17 – Strategic Planning Retreat
- May 19 – Native Plant Fest, 9:00 AM to 2:00 PM, at York County ANNEX

- Apr 30 – Advisory Board meeting, 6:30 pm, York County ANNEX
- Contact: 717-840-7408 or Connie Schmotzer at [cxs51@psu.edu](mailto:cxs51@psu.edu)

**[Peach Bottom Concerned Citizens Group Inc.](http://www.pbccg.com)** - [www.pbccg.com](http://www.pbccg.com)

- Contact Maria Payan by email [pbccg@hotmail.com](mailto: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](http://www.prettyboywatershed.org)** - [www.prettyboywatershed.org](http://www.prettyboywatershed.org)

- Contact: Nancy Shaper at [nshaper@jhmi.edu](mailto:nshaper@jhmi.edu)

**[Sierra Club – Gov. Pinchot Group of PA](http://pennsylvania.sierraclub.org/pinchot/)** - <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!
- Contact GVP Sierra Club, P.O. Box 606, Harrisburg, PA 17108-0606. [GVPSierraClub@email.com](mailto:GVPSierraClub@email.com)

**[Shank's Mare Outfitters](http://www.shanksmare.com)** - [www.shanksmare.com](http://www.shanksmare.com)

**GO PLAY OUTSIDE!**

- Visit the Susquehanna House and 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](mailto:Shanksmare@comcast.net)

**[Spoutwood Farm Center for Sustainable Living](http://www.spoutwood.com)** - [www.spoutwood.com](http://www.spoutwood.com)

- Apr 13 – Board of Directors meeting and strategic planning session, 6:00 PM, at the Farm
- Contact Rob & Lucy Woods at Spoutwood Farm at 717-235-6610 or [spoutwood@comcast.net](mailto:spoutwood@comcast.net).

**[Susquehanna Gateway Heritage Area](http://www.susquehannaheritage.org/)** - <http://www.susquehannaheritage.org/>

- March 14 - Heritage Lecture - Sediment and the Susquehanna
- April 3 - Free Lecture - Four-Season Gardening: Helping Nature Year Round
- April 11 - Heritage Lecture/Book talk with author Jack Brubaker
- June 28 - Heritage Lecture - Gettysburg Campaign to the Susquehanna River
- September 27 - Free Lecture - Grounded Green Growing
- October 21 - Heritage Lecture - PA German Gravestones: Art & History in Stone
- Contact Mark Platts, Susquehanna Heritage Corporation, 1706 Long Level Road, Wrightsville, PA 17368. Office: 717-252-0229. E-mail: [info@lyhr.org](mailto:info@lyhr.org).

**[Susquehanna Greenway Partnership](http://www.susquehannagreenway.org)** - [www.susquehannagreenway.org](http://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](mailto:greenway@susquehannagreenway.org)

**[Trout Unlimited Codorus Chapter #558](http://www.codorustu.org)** - [www.codorustu.org](http://www.codorustu.org)

- Monthly Chapter Meetings 2nd Wednesday, 7:00 p.m., at Gander Mtn. (winter)
- Contact: Tom Finenze at 840-1372 or [tom@codorustu.org](mailto: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/)** - <http://muddycreektu.org/>

- Muddy Creek TU will be stocking trout from our nursery this month on Tuesday, March 27. Meet at the Nursery for all stockings at 8:00A. Please respond if you want to help on any of these dates. If you want to provide a phone number we will call you if there are cancellations due to inclement weather and/or stream flooding.
- Chapter Meeting 3<sup>rd</sup> Wednesday of month at [Collinsville Fish & Game](http://Collinsville Fish & Game)
- Contact: Ron Heuston, President MCTU, 244-1851 or [Heuy1955@aol.com](mailto:Heuy1955@aol.com)

**[Watershed Alliance of Adams County](http://www.adamswatersheds.org/)** - <http://www.adamswatersheds.org/>

- Meet the 3<sup>rd</sup> Wednesday @5pm.
- Contact: Adam McClain, Ph: 717-334-0636; E-mail: [stilden@adamswatersheds.org](mailto:stilden@adamswatersheds.org)

**[Watershed Alliance of York](http://www.watershedsyork.org)** - [www.watershedsyork.org](http://www.watershedsyork.org)

- Apr 4 – Annual Meeting of WAY Board of Directors, 7:00 PM, at The York Water Company, Mt. Rose Ave., 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](http://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](mailto:gpeacock@yorkccd.org)

#### [Yellow Breeches Watershed Association](http://www.ybwa.org) – [www.ybwa.org](http://www.ybwa.org)

- Board of Directors meets quarterly at Messiah College Library-Athenaeum Room 6 PM.
- Contact: Deborah Goetz, at [deborah.p.goetz@gmail.com](mailto:deborah.p.goetz@gmail.com) or phone 717-697-4734

#### [York-Adams Regional Smart Growth Coalition](http://www.yorkadamssmartgrowth.org) – [www.yorkadamssmartgrowth.org](http://www.yorkadamssmartgrowth.org)

- Mar 28 – Board meets from 9:00 to 11:00 Am, at RAYAC, York
- Contact Shanna 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/) – <http://www.yorkaudubon.org/>

- Contact Tom Smith at 717-246-9767 or [tls35@psu.edu](mailto:tls35@psu.edu).

#### [York County Conservation District](http://www.yorkccd.org) – [www.yorkccd.org](http://www.yorkccd.org)

- Board meets 2nd Friday, 11:00 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](mailto:yorkccd@yorkccd.org)

#### [York County Parks & Recreation](http://www.YorkCountyParks.org) – [www.YorkCountyParks.org](http://www.YorkCountyParks.org)

- 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](mailto:Parks@York-County.org). Web: [www.YorkCountyParks.org](http://www.YorkCountyParks.org). Nixon Park Nature Center, 5922 Nixon Drive • York PA 17403. Phone: (717) 428-1961. E-mail: [NixonCountyPark@york-county.org](mailto:NixonCountyPark@york-county.org).

#### [York County Planning Commission](http://www.ycpc.org) – [www.ycpc.org](http://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](mailto:planner@ycpc.org)



## **WATERSHED EDUCATION & OUTREACH**

### **Six Months Later: Disaster Assistance Climbs Past One-Half Billion Dollars**

HARRISBURG, Pa. – Six months after Irene and Lee devastated portions of eastern Pennsylvania, disaster assistance to support the ongoing recovery topped one-half billion dollars, announced officials of the Federal Emergency Management Agency (FEMA) and the Pennsylvania Emergency Management Agency.

Among the statistics to date:

- 94,385 persons registered for assistance
- 83,888 damage inspections were completed
- \$139.9 million in Individual Assistance grants were approved:
- \$126.7 million in housing assistance including temporary housing, home repairs, and personal property losses and
- \$13.1 million in dental, medical, and funeral costs and other serious disaster-related expenses not covered by insurance
- \$17.9 million in maximum grants were awarded to 595 survivors
- \$93.5 million in low-interest disaster loans were approved by the U.S. Small Business Administration
- \$301.2 million in claim payments were distributed through the National Flood Insurance Program
- \$755,568 in Disaster Unemployment Assistance was approved
- 19,247 contacts were made by FEMA mitigation specialists at local home improvement centers in 15 disaster-impacted counties
  - At Lowe's Home Improvement centers, mitigation experts distributed 10,642 publications on building techniques that can lessen the impact of future disasters; 35,200 publications were distributed at Disaster Recovery Centers
- Recovery officials continue to transfer residents displaced by the storms from temporary to more permanent housing
  - 268 temporary housing units in nine counties remain occupied

Also to date, more than \$18 million in Public Assistance (PA) funding has been reimbursed to the commonwealth to repair or replace taxpayer-owned infrastructure such as roads, bridges, utilities, schools, and similar facilities. There are an estimated 6,000 PA projects from among 1,900 applicants that could result in additional federal funding of more than \$200 million. Soon after Hurricane Irene devastated portions of eastern Pennsylvania, Public Assistance (PA) was authorized for emergency protective measures in 13 counties. The disaster declaration that followed on Sept. 3 authorized funding for all PA categories. Tropical Storm Lee prompted a response that funded PA for emergency protective measures in 42 counties. The Sept. 12 disaster declaration provided PA funding in all categories for 29 counties and Individual Assistance for 19 counties. Long Term Recovery Committees (LTRC) have been established. These committees, which rely on volunteers and donations, provide assistance that helps repair, replace, and rebuild those households whose needs are beyond the legal capacity of government assistance. LTRCs have been established in the following counties: Adams, Lancaster, Lebanon, Lycoming, Montgomery, Susquehanna, Wyoming, and York.

### **Impassable**

The US Supreme Court reached a decision in a case that has implications for the Clean Water Act—or doesn't, as it turns out. The case itself had really nothing to do with water quality, but instead turned on the definition of "navigable waters." A little background on the case, *PPL Montana LLC v. Montana*: The state of Montana had tried to charge rent to a power company that has hydroelectric dams on three Montana rivers. The Montana Supreme Court awarded the state nearly \$41 million in rent for the riverbeds for a seven-year period, 2000 to 2007, and left open the possibility that the state could charge the company for periods of time after 2007 as well. Last week the US Supreme Court reversed the Montana court's decision. For the state's claim to be valid, the rivers must be considered "navigable." The power company

contended that they are not, because some segments of the rivers are impassable and river traffic must get around them via overland portage. The Montana Supreme Court declared in its decision that "navigability for title purposes is very liberally construed"; it called the impassable segments "merely short interruptions" and said that each river as a whole should be considered navigable. However, one Montana judge, in a dissenting opinion, said that "courts are not to assume an entire river is navigable merely because certain reaches of the river are navigable," and that was essentially the US Supreme Court's opinion as well. What does this have to do with the Clean Water Act? The CWA applies to "navigable waters," and if the US Supreme Court had upheld the Montana court's decision, it would have been a significant expansion of the definition of a navigable water. Read article... <http://www.stormh2o.com/SW/Blogs/1277.aspx>

#### **Change erodes 1985 soil pact**

WASHINGTON – The battered Little Big Man of this year's farm bill wars could be the soil itself. Or to hear environmentalists tell it: The landmark 1985 treaty to curb erosion is, well, eroding. That's the thrust of a report out Monday from the Environmental Working Group that warns early progress reducing soil erosion has stalled and in some states like Iowa, losses have even increased — all in a time of record farm income. "The gold rush in farm country is putting unprecedented pressure on our soil and water," is the report's opening salvo. "Now more than ever, the nation needs a reinvigorated and strengthened conservation compact." With a Senate hearing scheduled Tuesday on the same conservation issues, the 25-page report is EWG's attempt to put down its mark early. And the Washington-based nonprofit wants Congress to reverse a 1996 law and again require farmers to comply with soil conservation rules or lose the premium subsidies so important to insuring their crop revenues. Read more: <http://www.politico.com/news/stories/0212/73303.html#ixzz1pl2tjBh>

#### **Forest Service Chief Says "Lorax" is Opportunity for Dialogue About Forests**

WASHINGTON (SMcCreary, National Association of State Foresters Blog).—U.S. Forest Service Chief Tom Tidwell will travel to California for the premier of the animated movie *Dr. Seuss' The Lorax*. "Given the many threats to America's private and public forests due to a changing climate, pests and pathogens, and land conversion, this children's story can spur conversations about what has to happen today to restore the health and productivity of America's forests," Tidwell said. "This is an opportunity to start a dialogue about the inherent value of forests and the importance of sustainable management." *The Lorax* is an integral part of a public service campaign with the Forest Service and the Ad Council. The two agencies have worked together since 2009 on a public service campaign designed to inspire children and their families to unplug and reconnect with nature.

#### **York County Commissioners Approve Agreement with PADEP to Receive Grant Funding for 2012 Mosquito Surveillance and Control Program**

In 2011, York County ranked #1 in Pennsylvania for highest confirmed mosquito samples testing positive for West Nile Virus. York County mosquito populations were also at record highs in 2011. A variety of conditions contributed to this: weather extremes brought flooding and drought; new construction; homes in foreclosure; illegal dumping and yard clutter. Residents, businesses and municipalities are asked to take time now to help clean up York County. With warmer than usual winter temperatures, mosquito season will be starting early this year. For more information about West Nile Virus Program, contact Thomas L. Smith, West Nile Virus Program Administrator/ Keep York County Beautiful Affiliate Coordinator, Penn State Cooperative Extension - York County 112 Pleasant Acres Road, York, PA 17402. E-mail: [tls35@psu.edu](mailto:tls35@psu.edu) Phone: (717)-840-2375. Web: <http://extension.psu.edu/york> and [www.keppabeautiful.org](http://www.keppabeautiful.org).

#### **National Ground Water Awareness Week – Mar 11-17**

National Ground Water Awareness Week is March 11-17, 2012. During the week, EPA and other organizations that are concerned about water resources will promote public awareness through various educational events and publications. Forty-four percent of America's population regularly depends on ground water for its drinking water supply — reason enough to be ground water aware. Another reason is that ground water quantity and quality can strongly impact the environment. To access more information and events or publications that encourage public awareness, go to EPA's website at: <http://water.epa.gov/type/groundwater/awarenessweek.cfm>

#### **Green-Ribbon Schools Nominations – Mar 22**

The Department of Education (plus EPA in some areas) is recognizing the highest performing green schools in the nation. If your state is included in this first, pilot year, contact your state education office about getting your school nominated - deadline in March 22. More info: <http://www2.ed.gov/programs/green-ribbon-schools>

#### **Go Green-Scaping!**

March is when we typically begin to think of springtime and lawns and being outdoors again. Start with ideas and useful tips for greenscaping - environmentally friendly practices to improve the health and appearance of your lawn and garden.

<http://www.epa.gov/epawaste/consERVE/rrr/greenscapes/owners.htm>



## **WATERSHED FINANCIAL ASSISTANCE**

#### **Funds Available to Help Flooded Property Owners Build to Requirements**

HARRISBURG, Pa. – Property owners rebuilding or making repairs to their flood-damage properties have access to a number of resources - including financial – that can help them reduce, or prevent, future disaster loss. In some areas, property owners will be required by local ordinance to meet certain requirements when making repairs or rebuilding. To help cover the costs of meeting those requirements, the National Flood Insurance Program includes Increased Cost of Compliance (ICC) coverage for all new and renewed standard flood insurance policies. Flood insurance policyholders in high-risk areas, also known as special flood hazard areas, can get up to \$30,000 to help pay the costs to bring their property into compliance with their community's floodplain ordinance. There are four options available to comply with your community's floodplain management ordinance and help reduce future flood damage.

1. Elevation. This raises your home or business to or above the flood elevation level adopted by your community.
2. Relocation. This moves your home or business out of harm's way.
3. Demolition. This tears down and removes flood-damaged buildings.

4. Floodproofing. This option is available primarily for non-residential properties. It involves making a building watertight through a combination of adjustments or additions of features to the building that reduces the potential for flood damage.

Property owners who suffered flood damage can file a claim for ICC assistance in two instances:

1. If your community determines that the home or business is damaged by flood to the point that repairs will cost 50 percent or more of the building's pre-damage market value. This is called substantial damage.
2. If your community has adopted a repetitive loss provision, and determines the home or business was damaged by a flood two times in the past 10 years, where the cost of repairing the flood damage, on the average, equaled or exceeded 25 percent of its market value. This is called repetitive damage. Additionally, there must have been flood insurance payments for each of the two flood losses.

Additional information on how to file a claim and how payment is made for valid ICC claims is available online at

[www.fema.gov/plan/prevent/floodplain/ICC.shtm](http://www.fema.gov/plan/prevent/floodplain/ICC.shtm). For more information on ICC coverage, call your insurance company or agent, or call the NFIP toll-free at 1-800-427-4661. TDY# 1-800-427-5593. Several other websites describe options that can be taken to mitigate future loss:

- [www.fema.gov/rebuild/recover/resources.shtm](http://www.fema.gov/rebuild/recover/resources.shtm) offers information and plans for homeowners rebuilding after a disaster
- [www.floodsmart.gov/floodsmart](http://www.floodsmart.gov/floodsmart) is a link to the National Flood Insurance Program (NFIP) site.
- [www.fema.gov/media/fact\\_sheets/mitigation.shtm](http://www.fema.gov/media/fact_sheets/mitigation.shtm) is a link to multiple fact sheets on a variety of mitigation subjects.

More general information is available at [www.fema.gov](http://www.fema.gov) which provides an overview of the agency's programs, types of disaster assistance and links to other important sources of information. FEMA's mission is to support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards.

#### **USDA Wants To Enroll 1 Million Acres In Conservation Reserve Program**

Agriculture Secretary Tom Vilsack Friday [announced the opportunity](#) for producers to enroll a total of 1 million acres of land in a new Conservation Reserve Program (CRP) initiative to preserve grasslands and wetlands. Vilsack highlighted the announcement at the Interior Department during the White House Growing America's Outdoor Heritage and Economy conference, which emphasizes the link between conservation and strong local economies through tourism, outdoor recreation, and healthy lands, waters and wildlife. CREP participants receive funding to create riparian buffers, wetlands, wildlife habitat, grass filter strips, native grass stands, and more. One of the most popular CREP projects is planting streamside buffers. Apply now. For more information, visit the PA NRCS [Conservation Reserve Program](#) or the Chesapeake Bay Foundation [Conservation Reserve Enhancement Program](#) webpages.

#### **EPA Provides \$15 Million to Help Small Drinking Water and Wastewater Systems Across the Country – Apr 9**

EPA announced that it will provide up to \$15 million in funding for training and technical assistance to small drinking and wastewater systems, defined as systems that serve fewer than 10,000 people, and private well owners. The funding will help provide water system staff with training and tools to enhance system operations and management practices, and supports EPA's continuing efforts to protect public health, restore watersheds and promote sustainability in small communities. EPA expects to make available up to \$500,000 to provide training and technical assistance to tribally-owned and operated public water systems. Applications must be received by EPA by April 9, 2012. EPA expects to award these cooperative agreements by Summer 2012. For more information about these competitive announcements, visit: [http://water.epa.gov/grants\\_funding/sdwa/smallsystemsrfra.cfm](http://water.epa.gov/grants_funding/sdwa/smallsystemsrfra.cfm). For more information on EPA's programs and tools to help small water systems, visit: <http://water.epa.gov/type/drink/pws/smallsystems/index.cfm>.

#### **Game Commission Offers Seedlings For Landowners – Apr 22**

While spring is several weeks away, now is the time for landowners to begin making plans to help wildlife by planting tree and shrub seedlings offered by the Game Commission's Howard Nursery, which is accepting orders until April 22. Order forms and information are available on [the agency's website](#). The order form can be completed and submitted on line, or printed out and faxed or mailed. Payments are not due until the order is confirmed by Howard Nursery. For those without Internet access, order forms can be obtained at Game Commission offices or various displays or booths at shows in which the agency participates through the spring or by sending a self-addressed, stamped envelope to: Howard Nursery, 197 Nursery Road, Howard, PA 16841. For more information, contact Annetta Ayers at the Howard Nursery, 197 Nursery Road, Howard, PA 16841, telephone 814-355-4434. Hours of operation are Monday thru Friday 7 a.m. to 3:30 p.m. The Game Commission's Howard Nursery produces bare-root seedlings for wildlife food and cover on State Game Lands. The nursery has been producing and distributing 2.7 to 6 million seedlings annually for wildlife food and cover since 1954. Landowners who have land open to public hunting and are enrolled in one of the Commission's public access programs are eligible to receive up to 500 free seedlings annually, as available. Those enrolled cooperators with more than 500 acres are eligible for one free seedling per acre enrolled up to a maximum of 10,000 seedlings annually, as available. Cooperators are provided an order form each fall for following spring delivery. Free seedling orders are taken only in the fall through local Wildlife Conservation Officers and Land Management Group Supervisors.

#### **Alliance for the Chesapeake Bay's TreeVitalize Streams Program Grant**

Do you have a community, watershed group, etc. who is interested in planting a riparian forest buffer this coming spring season on a public site or private site with access? The Alliance for the Chesapeake Bay's TreeVitalize Streams program will be wrapping up the current project funding this coming June and we have monies available to work with one additional community. What does this entail? We will provide training, technical expertise on planning and implementing riparian forest buffers and up to \$800 for tree seedlings. What does this mean for you? One more project in the ground that will help stabilize streambanks, improve local water quality and recognition for your efforts. How involved do you and/or your district have to be in the project? Every county is different but it primarily rests on how active your local group is in taking on this type of project and making it their own. We do ask that you be of assistance to this group if need be after our Program has ended. If interested and need more information please contact me at either this email address or (717) 737-8622. If you have group and site in mind please let me know ASAP. If you do not have a site and/or watershed group available please pass the word on this opportunity. First come and first serve so don't delay and miss out on this opportunity! Rebecca J. Wertime, Alliance for the Chesapeake Bay Program Coordinator, 3310 Market Street, Ste A, Camp Hill, PA 17011. Phone (717) 737-8622 x4. Web [www.allianceforthebay.org](http://www.allianceforthebay.org).

#### **Four Pennsylvania Communities Greensburg, Marietta, Newtown and Northampton To Receive EPA Smart Growth Assistance**

PHILADELPHIA — The U.S. Environmental Protection Agency (EPA) today announced that Greensburg in Westmoreland County; Marietta in Lancaster County; Newtown in Bucks County; and Northampton County will receive technical assistance through the Building Blocks for

Sustainable Communities program. EPA has set aside \$750,000 to fund sustainability audits for 56 communities in 26 states in 2012. The funds will be paid to private-sector contractors who will work with community officials to compile a list of areas that need attention. These technical experts will help develop solutions to improve the local economy, the environment, and quality of life. Some examples may include improving pedestrian access and safety, incorporating green infrastructure, or conducting an economic and fiscal health assessment. Building Blocks for Sustainable Communities is a project of the Partnership for Sustainable Communities among EPA, the U.S. Department of Housing and Urban Development (HUD), and the U.S. Department of Transportation (DOT). The interagency collaboration coordinates federal investments in infrastructure, facilities, and services to get better results for communities and use taxpayer money more efficiently. The partnership is helping communities across the country create more housing choices, make transportation more efficient and reliable, reinforce existing investments, and support vibrant and healthy neighborhoods that attract businesses. Today's announcement marks the second round of Building Blocks assistance. Thirty-two other communities were named in the first round in April 2011. EPA selected the 56 communities from 350 applicants through a competitive process in consultation with HUD, DOT, and the U.S. Department of Agriculture. More information on the Building Blocks for Sustainable Communities: <http://www.epa.gov/smartgrowth/buildingblocks.htm>. More information on the Partnership for Sustainable Communities: <http://www.sustainablecommunities.gov>. More information on the New Partners for Smart Growth conference: <http://www.newpartners.org>.



## **WATERSHED FACILITATION ASSISTANCE**

### **"GOT CABIN FEVER" KREUTZ CREEK CLEANUP – Mar 17**

YORK, PA. – Got cabin fever? Want to get the kids and spouse out of the house? Come join Riverside Masonic Lodge #503 and the Watershed Alliance of York for a March madness stream cleanup! Opportunity to help clean up trash and floating debris along Kreutz Creek and learn what you can do to help protect our Earth. Fun for the whole family! The 'Got Cabin Fever' Cleanup will be held Saturday March 17, 2012, from 9:00 AM to 3:00 PM. Volunteers must check in at Lodge #503, 25 Cool Creek Road, Wrightsville. Cleanup work gloves, trash bags and light refreshments will be provided to volunteers. Volunteers are advised to dress casual, wear sturdy footwear, and dress appropriately for the weather. If the National Weather Service issues a winter weather advisory (extreme cold or precipitation) for the day of the event, the cleanup will be cancelled. Funding provided by PPL Corp. The Watershed Alliance of York is a coalition of stakeholders committed to encouraging watershed-based planning, restoration and protection in York County and beyond. To learn more about WAY, please visit our web site at [www.watershedsyork.org](http://www.watershedsyork.org). For information about the Cleanup, contact Gary R. Peacock at (717) 840-7430 or [gpeacock@yorkccd.org](mailto:gpeacock@yorkccd.org).

### **"SUSQUEHANNA CANAL LOCK 12 HISTORIC AREA" SPRING CLEANUP – Mar 24**

YORK, PA. – Spring has sprung early this year! Want to get the kids and spouse out of the house? Come join the Lower Susquehanna Riverkeeper, PPL Corp and the Watershed Alliance of York for a cleanup of the historic Susquehanna Canal Lock 12 area! Opportunity to help clean up trash and floating debris along the Lower Susquehanna River and learn what you can do to help protect our Earth. Fun for the whole family! The Lock 12 Historic Area Susquehanna Cleanup will be held Saturday March 24, 2012, from 9:00 AM to 3:00 PM. Volunteers must check in at PPL's Lock 12 Historic Area parking lot, River Road, Lower Chanceford Township. Cleanup work gloves, trash bags and light refreshments will be provided to volunteers. Volunteers are advised to dress casual, wear sturdy footwear, and dress appropriately for the weather. If the National Weather Service issues a winter weather advisory (extreme cold or precipitation) or flood warning for the day of the event, the cleanup will be cancelled. Donations provided by General Dynamics, PPL Corp and Republic Services. The Watershed Alliance of York is a coalition of stakeholders committed to encouraging watershed-based planning, restoration and protection in York County and beyond. To learn more about WAY, please visit our web site at [www.watershedsyork.org](http://www.watershedsyork.org). For information about the Cleanup, contact Gary R. Peacock at (717) 840-7430 or [gpeacock@yorkccd.org](mailto:gpeacock@yorkccd.org)

### **"GUT (ROAD) FEELING" 4<sup>TH</sup> ANNUAL SPRING CLEANUP – Mar 31**

YORK, PA. – Got a gut feeling this is an opportunity to get the kids and spouse out of the house! Come join the Jst'Fishin Susquehanna River Guide, Lower Susquehanna Riverkeeper and the Watershed Alliance of York for the 4<sup>th</sup> annual Gut Road cleanup! Opportunity to help clean up trash and floating debris along Gut Road, to keep it out of the Lower Susquehanna River, and learn what you can do to help protect our Earth. Fun for the whole family! The Gut Road Cleanup will be held Saturday March 31, 2012, from 9:00 AM to 3:00 PM. Volunteers must check in at the Boat Access Area on Gut Rd, in Saginaw, East Manchester Township. Cleanup work gloves, trash bags and light refreshments will be provided to volunteers. Volunteers are advised to dress casual, wear sturdy footwear, and dress appropriately for the weather. If the National Weather Service issues a severe weather advisory (extreme cold or precipitation) or flood warning for the day of the event, the cleanup will be cancelled. Donations provided by General Dynamics, PPL Corp and Republic Services. The Watershed Alliance of York is a coalition of stakeholders committed to encouraging watershed-based planning, restoration and protection in York County and beyond. To learn more about WAY, please visit our web site at [www.watershedsyork.org](http://www.watershedsyork.org). For information about the Cleanup, contact Gary R. Peacock at (717) 840-7430 or [gpeacock@yorkccd.org](mailto:gpeacock@yorkccd.org)

### **Bunker Hill Road Illegal Dump Site Cleanup – Mar 31**

Delta Borough was incorporated in 1880 and its quaint downtown is listed on the National Register of Historic Places. It used to be a thriving mercantile center and a major stop on the Maryland-Pennsylvania Railroad. Nowadays, the only visitors to the railroad tracks that run along Scott Creek are illegal dumpers. On March 31st, UBB will be hosting a cleanup of "Bunker Hill" in conjunction with [Keep York County Beautiful](#). Volunteers should meet at the bottom of Bunker Hill Road (just off of the intersection of Bunker Hill Ave and Main Street). Due to the high volume of dumping, the township has closed Bunker Hill Road. Keep Pennsylvania Beautiful did a survey of the illegal dump site and estimated it contains 6 tons of tires, white goods (refrigerators, washing machines, etc.), furniture, and car parts. The Bunker Hill site runs along Scott Creek, a tributary of the Muddy Creek drainage system, which eventually flows into the Susquehanna River. United By Blue would like to thank Keep York County Beautiful, Peach Bottom Township, Keep Pennsylvania Beautiful and American Rivers for their help in planning the cleanup. United By Blue will have breakfast, supplies, games and prizes waiting for our volunteers. Event is scheduled for Saturday, March 31<sup>st</sup>, from 10am to 1 pm. Volunteers should meet and park at the end of Bunker Hill Road (just beyond the intersection of Bunker Hill Ave and

Main Street in Delta, PA). Click [here](#) for a google map. GPS Address: 39.727356,-76.330111 or 201-299 Bunker Hill Ave, Delta, PA 17314. For more information, contact Thomas L. Smith at [tls35@psu.edu](mailto:tls35@psu.edu) or (717)-840-2375. [www.keppabeautiful.org](http://www.keppabeautiful.org)

**2012 WATERSHED ALLIANCE OF YORK'S CALENDAR OF WATERSHED EVENTS FOR SPRING**

<b>PARTNERS</b>	<b>EVENT</b>	<b>DATE/TIME</b>	<b>LOCATION</b>
New Freedom Heritage	Community Stream Cleanup & Rehabilitation Project	Apr. 14 9:00 AM – 4:00 PM	Meet at the New Freedom Heritage Museum, Railroad St., New Freedom Borough
PPL, Lower Susquehanna Riverkeeper	43 <sup>rd</sup> Earth Day Cleanup	Apr 21 9:00 AM – 1:00 PM	Meet at the Conewago Boat Access Area, E. Manchester Twp.
Glen Rock Borough	Codorus Creek & Community Cleanup	May 5 8:00 AM – 1:00 PM	Meet at the Glen Rock Volunteer Ambulance, Water St., Glen Rock Borough
MAEscapes Partners	Spring Native Plant Sale	May 19 8:00 AM – 1:00 PM	York County ANNEX, Springettsbury Twp.
Lower Susquehanna Riverkeeper	12 <sup>th</sup> Codorus Cleanup	June 30 & July 1 9:00 AM – 5:00 PM	York County RailTrail and Central York H.S., along Mundis Mill Rd. Details TBA.

**Great American Cleanup of Pennsylvania - Mar 1 – May 31**

Registrations for 2012 GACPA has begun. To register your event or for more information go to [www.keppabeautiful.org](http://www.keppabeautiful.org) and click on the GACPA icon at the top of the page or contact [Michelle Dunn](#), GAC of PA Coordinator. Held each year from March 1st through May 31st in partnership with Keep America Beautiful, Keep Pennsylvania Beautiful, the Department of Environmental Protection, Pennsylvania Waste Industries Association, and PennDOT, this three month event offers many resources for groups that want to keep Pennsylvania beautiful. As in previous years, coordinators of registered events will be able to receive gloves, vests, and bags from local PennDOT District offices. Pick It Up PA Days will occur from April 21st through May 7th. It is during this two week period that trash collected at registered events can be disposed free of charge at participating landfills.

**Abuse of medications can be lethal, where do you keep yours? Apr 19 & 28**

Two Empowering Events coming up in April! Fliers attached. SAVE THE DATES!!! Please share and post!

- April 19 Rx Town Hall Meeting (Prescription Epidemic) 6:30 pm at YWCA of Hanover , 23 W. Chestnut St. Hanover, PA 17331
- April 28 Rx take-Back Event (4<sup>th</sup> one) 10am to 2pm at two Giant locations in Hanover 801 Baltimore Street and 455 Eisenhower Drive.

The amount of prescription and over-the-counter drugs turned in by the communities at each of the events we had in the past speaks volumes about the need to develop a convenient way to rid home of unwanted or expired medications. DEA still working on establishing a disposal process but in the mean time they will continue to offer the take-back opportunities until the proper regulations are in place. As our nation continues to face serious chronic and community issues, we believe the country must invest in its children, its health, its neighbors and its future. Local and across the county and country, our organization and the collaboration of others are going to make a difference in the areas of safety and responsibility with unwanted medications in homes. Benefits From the Take-Back Event:

- Unwanted medicines accumulating in the household present a public safety hazard;
- Diverting medicines from the toilet or trash can decrease the environmental pollution from wastewater treatment discharge and unlined solid waste landfills;
- Collections help educate the general public about the environmental impact of improper medicine disposal;
- A collection program provides the opportunity to inventory unused drugs and can yield wastage data that could prove valuable to physicians in better managing their prescribing practices.
- No thermometers, syringes or medical waste will be accepted. All medications will be destroyed.

Any questions contact Martha King at 717-968-3083, Guiding Hearts with Hope, P.O. Box 485, Hanover, Pa. 17331.



***WATERSHED TECHNICAL ASSISTANCE***

**BMP Effectiveness for Nutrients, Bacteria, Solids, Metals, and Runoff Volume**

International Stormwater BMP Database reaches the 500-BMP milestone. In response to existing and evolving regulations regarding nutrients, fecal indicator bacteria, solids, metals, and runoff volume, urban stormwater professionals around the United States need reliable performance data for best management practices (BMPs). A few examples of current regulatory drivers include (1) the USEPA urging states to adopt numeric nutrient criteria, (2) steadily increasing use of numeric action levels and numeric effluent limits for stormwater municipal and industrial discharges, (3) new initiatives for reducing bacteria levels in waterbodies used by the public for recreation, (4) total maximum daily loads (TMDLs) that identify waste load allocations for stormwater discharges, and (5) a major emphasis on runoff volume reduction at all levels of government. As a result, public and private sector stormwater dischargers are and will be spending substantial sums of money on these issues, primarily in the form of planning, designing, constructing, and maintaining structural and nonstructural BMPs. But which BMPs should be used and why, and how reliable will they be? To help answer these questions, the [International Stormwater BMP Database project](#) has recently completed a comprehensive stormwater BMP performance analysis technical paper series relying on data contained in the

International Stormwater BMP Database. Read article...

[http://www.stormh2o.com/SW/Articles/BMP\\_Effectiveness\\_for\\_Nutrients\\_Bacteria\\_Solids\\_Me\\_16214.aspx](http://www.stormh2o.com/SW/Articles/BMP_Effectiveness_for_Nutrients_Bacteria_Solids_Me_16214.aspx)

### **Stormwater Treatment Train**

Historical concepts are driving water-quality benefits. When Jean Baptiste Point du Sable built his farm as the first white settler of Chicago, IL, he never knew the Des Plaines River was a river. Because, back then, in the 1780s, it really wasn't. He would have thought of it as a swamp. The interplay of landscape and rain was entirely different in that day. And most Midwestern creeks and rivers that we now see on our maps—that we drive across on bridges—simply had no defined channels and banks. Pioneers slogged through them with wagons and oxen. They were not rivers as we know them today. That was the conclusion of a hydrology study done in the early 1990s by Steve Apfelbaum of Applied Ecological Services (AES) and Dr. Luna Leopold. Their study of the Des Plaines River was based on historic data in the land survey records of the US General Land Office. And it has had an impact translating to billions of dollars in today's American cities. The conclusion of the study is that natural landscapes managed stormwater through infiltration and evapotranspiration (read: green infrastructure, or Stormwater Treatment Train) far more effectively than today's urban grey infrastructure. The ultimate ramification is that restoration of green infrastructure systems can be far more cost-effective than grey infrastructure and provide multiple ecological and cultural benefits that would be otherwise forfeited. Read article... [http://www.stormh2o.com/SW/Articles/Stormwater\\_Treatment\\_Train\\_16322.aspx](http://www.stormh2o.com/SW/Articles/Stormwater_Treatment_Train_16322.aspx)

### **More Than Just Storage**

Belowground detention systems offer water-quality benefits and opportunities for reuse. Underground pipes and other structures do more than free up aboveground space. When they're carefully selected and designed, they can accomplish a wide variety of goals, often in challenging situations. For example, at the Sacred Heart Senior Apartments in Saint Francis, WI, a pipe system meets requirements for total suspended solids (TSS) removal and reduces peak runoff. At the 3M corporate headquarters in St. Paul, MN, a different pipe system in a different configuration provides required improvements in water quality, rate control, and infiltration. At a Save-A-Lot convenience store in Carbondale, IL, yet another system meets the city's stormwater detention regulations. At the Baha'i Temple in Wilmette, IL, a concrete system functions as a cistern and captures rainwater for irrigation. These systems may be combined with a separate water filtration system. Once they're covered, usually by a parking lot or landscaping, they give no indication of the often very sophisticated system operating just below the surface. Read article... [http://www.stormh2o.com/SW/Articles/More\\_Than\\_Just\\_Storage\\_16283.aspx](http://www.stormh2o.com/SW/Articles/More_Than_Just_Storage_16283.aspx).

### **Meeting the Velocity, Meeting the Volume – Channel-lining solutions can vary with the flow**

A group of property owners in the New Uri watershed, encompassing Florence, KY, began to complain to city officials about erosion from a 10-foot-high streambank that was taking a sharp turn in their neighborhood. The erosion was so significant that some property owners were losing their fences to cave-ins. From a 2007 watershed study conducted by the engineering team of Viox & Viox, it was determined that a particular channel indeed demonstrated excessive erosion. "We decided, in order to save the property owners' property and stop the erosion, we needed to do a streambank stabilization project," says Peter Glenn, project manager for the engineering and inspection division of the Florence Department of Public Works. A capital improvement project ensued, with work beginning in 2009 and the project finished in 2010. Florence is one of a multitude of municipal entities that must decide how to best address the need to stabilize banks and prevent erosion—and head off further damage at the pass. Many channels serve to convey water or treat and infiltrate stormwater runoff. For channels where flows have relatively slow and low volume, vegetation may suffice to slow the flow and prevent soil from washing away. Geosynthetic fabric may be used to line channels with greater flows and volume. Some jobs call for hard-armor protection, such as lining the sides or bottom of the channel with concrete, although this doesn't allow the water to infiltrate into the soil. The velocity of the water increases as it goes farther downstream, creating the potential for more erosion problems at the point where the concrete lining stops. In addition, sediment, nitrogen, phosphorus, and other pollutants from stormwater carried along with the flow cannot infiltrate into the soil or be mitigated by vegetation. In cases where hard-armor techniques are desired, articulated concrete blocks and gabions are often chosen. Read article... [http://www.erosioncontrol.com/EC/Articles/Meeting\\_the\\_Velocity\\_Meeting\\_the\\_Volume\\_16009.aspx](http://www.erosioncontrol.com/EC/Articles/Meeting_the_Velocity_Meeting_the_Volume_16009.aspx)

### **Added Value – Turf reinforcement mats can change a space into a place**

Residents of a popular housing development near Wichita, KS, recently discovered that serious erosion problems can strike pretty close to home. With the rising volume and velocity of runoff due to increases in impervious surface, stormwater ponds have become a necessity for many suburban areas. Although they keep home sites and communities safe from flooding, the ponds sometimes take up highly desirable real estate for a civil engineering function. However, some developers have found ways to make the best of the situation by building their new communities on the shores of these manmade lakes, and a trend toward viewing the ponds as an aesthetically pleasing amenity in the homeowner's backyard has proven attractive to home sellers and homebuyers in many areas of the country. Nonetheless, even with such mutually agreeable plans in hand, unforeseen circumstances can introduce unwanted erosion problems. For example, when the shoreline of a 4- to 5-acre lake in an Andover, KS, subdivision began creeping up homeowners' lawns, residents started getting a little edgy. Well-intentioned homeowners attempted to stem the tide of erosion by placing blocks of concrete, stone, and rubble in the eroding channels near their properties; results, however, were unsatisfactory. As time went on the problems made it difficult for the homeowners and builders to finalize their arrangements for management and maintenance of the property. Finally, according to Jeff Pearce of ASP Enterprises, a distributor of erosion control products in the region, "the builder stepped up to the plate" to try and find a permanent solution for the advancing shoreline. The builder contacted Terracon Consultants Inc., and Kim Austin, a natural resources expert with the firm, went out to take a look. Read article... [http://www.erosioncontrol.com/EC/Articles/Added\\_Value\\_16012.aspx](http://www.erosioncontrol.com/EC/Articles/Added_Value_16012.aspx)

### **Chesapeake Bay Manure-to-Energy Summit Report Available**

The summary report of the Chesapeake Bay Manure-to-Energy Summit that took place in September 2011 is available. With over 140 experts in attendance from the Chesapeake Bay region and beyond, the Summit focused not just on the different technologies that are emerging, but more importantly on the public policies that could help to get more of these technologies on the ground in the near term. The report describes 14 different policy options within three categories: Assist market entry; Finance for maximum benefit; Support effective use of by-products. Pennsylvania is already a regional leader in on-farm energy production. However, additional action is needed to fully realize the potential economic and environmental benefits of manure-to-energy systems. Questions or requests for hard copies should be sent to Marel Raub at 717-772-3651 or [mraub@chesbay.us](mailto:mraub@chesbay.us).

### **New Data Added to EPA Nitrogen and Phosphorus Pollution Tool**

EPA has added updated U.S. Geological Survey (USGS) SPATIally Referenced Regressions On Watershed attributes (SPARROW) data to the nitrogen and phosphorus pollution data access tool, a tool intended to help states develop effective nitrogen and phosphorus source reduction strategies. SPARROW is a GIS-based watershed model that integrates statistical and mechanistic modeling approaches to simulate long-term mean annual stream nutrient loads as a function of a wide range of known sources and factors affecting nutrient fate and transport. The nitrogen and phosphorus pollution data access tool, with updated SPARROW layers, is available at:

[www.epa.gov/nutrientpollution/npdat](http://www.epa.gov/nutrientpollution/npdat)

### **Report Released on Water Reuse Potential**

The National Research Council released a report co-sponsored by EPA titled, "Water Reuse: Potential for Expanding the Nation's Water Supply through Reuse of Municipal Wastewater." The report highlights the potential that reuse of municipal wastewater can play in augmenting traditional water supplies, particularly in areas that are experiencing or expect to face challenges in meeting demand for water. The report will also inform efforts underway to revise and update EPA 2004 guidelines for water reuse. <http://dels.nas.edu/Report/water-reuse/13303>

### **Brownfields Road Map to Understanding Options for Site Investigation and Cleanup, Fifth Edition (EPA 542-R-12-001)**

The new Brownfields Road Map publication and companion website provide a general outline of how to assess and clean up a brownfields site and introduce stakeholders to a range of technology options and available resources. General concepts and basic considerations that affect the cleanup of brownfields sites are described with a new "Back to Basics" approach that covers setting reuse goals and planning, understanding regulations and liability concerns, engaging the community and identifying funding. Targeted for non-technical stakeholders and technical professionals, the Brownfields Road Map walks users through the big picture of managing a brownfields site from assessment to reuse and introduces technology options and considerations for each phase. The new Brownfields Road Map website connects users to the publication online and provides direct access to technical resources. View or download at <http://www.brownfieldstsc.org/>.

### **EPA Launches New Green Infrastructure Website**

EPA's Office of Water is pleased to announce the release of its new Green Infrastructure website to better communicate the "what, why, and how" of green infrastructure to municipalities, developers, and the general public. Green infrastructure uses vegetation, soils and natural processes to manage water and create healthier urban environments. The new Green Infrastructure website is a one-stop shop for resources on green infrastructure that features improved navigability and up-to-date content. The site offers a wealth of publications and tools developed by EPA, state and local governments, the private sector, nonprofit organizations, and academic institutions. The new green infrastructure website emphasizes the multiple environmental, social, and economic benefits associated with green infrastructure. The new site also provides access to the latest research developed by EPA's Office of Research and Development. To start exploring EPA's new green infrastructure website, visit: <http://water.epa.gov/infrastructure/greeninfrastructure>.

### **2011-2012 WREN GRANTEE DEVELOPS TOOL TO REDUCE STORMWATER POLLUTION**

Grant partners, [The Partnership for the Delaware Estuary \(PDE\)](#), [Philadelphia Water Department](#), and the [Schuylkill Action Network](#), have completed a new [Green Guide for Property Management](#) under their 2011-2012 WREN Grant. The free 28-page guide helps large property owners become part of the stormwater solution to make Pennsylvania streams and rivers cleaner, and save money while doing it. Given prevailing economic conditions, tools like the [Green Guide](#) show how to protect the pocketbook and the planet at the same time. With examples of four different sites, the Guide illustrates fourteen property management practices with attractive photos and diagrams. Examples of projects range from low-cost ponds, rain gardens or wetlands to long term investments like green roofs, porous paving, underground storage tanks and more. A "biggest Bang for the Buck" chart shows the cost range for the fourteen management practices in the guide. Basins or ponds are the lowest cost at \$0.19 - \$0.41 per square foot, while green roofs are the biggest investment at \$34.12 per square foot. Several considerations that affect cost are explained in the Guide on pages 16 and 17. To help make creating educational presentations easier that showcase examples of stormwater best management practices, WREN requested that PDE offer the individual photos and graphics within the Guide under public domain as part of the project. WREN is delighted that PDE and wonderful illustrator, Frank McShane, granted permission for this purpose. Click here to access the [Green Guide graphics or photo album](#) and follow the guidance. WREN joined the initial printing and had several hundred hard copies printed to assist with water education efforts in Pennsylvania. Please let us know if you would like a hard copy while they last. PDE has developed other popular publications including the [Homeowner's Guide to Stormwater Management](#) and a [School Campus Guide for Stormwater Management](#) available at the SAN website: [http://www.schuylkillwaters.org/san\\_publications.cfm](http://www.schuylkillwaters.org/san_publications.cfm)

### **Proposals Currently Open for Comment**

<b>Date Published In PA Bulletin</b>	<b>Proposal</b>	<b>Comment Deadline</b>
1/21/2012	Draft Technical Guidance: Policy for Erosion and Sediment Control (DEP ID: 550-2100-008) <a href="#">PA Bulletin Notice</a> <a href="#">Draft Technical Guidance</a>	3/20/2012
1/21/2012	Draft Erosion and Sediment Control General Permit (ESCGP-2) <a href="#">PA Bulletin Notice</a> <a href="#">Draft ESCGP-2 materials</a>	3/20/2012
02/11/2012	Qualifying, Processing, and Tracking Financial Guarantees and Bond Credits (DEP ID:563-2504-501) <a href="#">PA Bulletin Notice</a>	3/12/2012
1/21/2012	Nutrient Credit Trading Program, Notice of Certification Requests <a href="#">PA Bulletin Notice</a>	3/12/2012
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