

# WAY E-NEWS

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



Monday, February 10, 2014

A PUBLIC-PRIVATE PARTNERSHIP

Volume 14, Issue 2

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- New Training Video - BMPs for Preventing the Spread of Invasive Plants
- New Maryland TMDL Website

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

- For information 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/) - <http://carrollcitizens.com/>

- Contact: Deana Weaver at (717) 432-2211 or [admin@carrollcitizens.com](mailto:admin@carrollcitizens.com)

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

- Jan 13 – 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](http://www.yccf.org) - [www.yccf.org](http://www.yccf.org)

- For more information, contact the York County Community Foundation at 717.848.3733; Email: [info@yccf.org](mailto:info@yccf.org)

### [Codorus State Park](#)

- Contact Manager Warren Werntz, Codorus state Park Ph: 717-637-2816; E-mail: [codorusssp@pa.gov](mailto:codorusssp@pa.gov)

### [Conewago Canoe Club](http://www.conewagocanooclub.org) - [www.conewagocanooclub.org](http://www.conewagocanooclub.org)

- Club Meets bi-monthly at 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/) - <http://deercreekwatershed.com/>

- Contact Lee McDaniel at [ldmcdaniel@aol.com](mailto:ldmcdaniel@aol.com).

### [Farm & Natural Lands Trust of York County](http://www.farmtrust.org) - [www.farmtrust.org](http://www.farmtrust.org)

- Contact: Sean Kenny at Farm & Natural Lands Trust of York County. Ph: (717) 843-4411 or e-mail [skenny@farmtrust.org](mailto:skenny@farmtrust.org)

### [Gifford Pinchot State Park](http://www.dcnr.state.pa.us/stateparks/parks/giffordpinchot.aspx) - [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. Ph: 717-432-5011

### [Gunpowder Valley Conservancy](http://www.gunpowderfalls.org) - [www.gunpowderfalls.org](http://www.gunpowderfalls.org)

- Contact: 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](http://www.hornfarmcenter.org) - [www.hornfarmcenter.org](http://www.hornfarmcenter.org)

- Contact: Horn Farm Center for Agricultural Education. Ph: (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](http://www.yorkchapter67iwla.org/) - [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. Ph: 717-428-2000

### [Lower Susquehanna Riverkeeper](http://www.lowersusquehannariverkeeper.org) - [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/waters/tribstrat/) - <http://www.dnr.state.md.us/waters/tribstrat/>

- Contact: Rupert Rossetti, Tributary Team Coordinator, e-mail: [RupertRossetti@aol.com](mailto:RupertRossetti@aol.com)

### [Mason-Dixon Trail System, Inc.](http://www.masondixontrail.org/) - <http://www.masondixontrail.org/>

- Trail Work – The York Hiking Club is having weekly trail work hikes on Thursdays. Most of the work hikes are on the Mason-Dixon Trail System. Contact Jim Hooper 717/252-3784 if you are interested in joining the group.
- Contact: James Hooper at 717/252-3784 or [j.e.hooper@ieee.org](mailto:j.e.hooper@ieee.org)

### [Mid-Atlantic Ecological Landscapes Partnership \[MAEscapes\]](http://extension.psu.edu/plants/gardening/maescapes) - <http://extension.psu.edu/plants/gardening/maescapes>

- 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)

- April 5 and April 19: Watershed Tree Planting Days
- April 25: Planting Day with students at local elementary school
- Contact: *Prettyboy Watershed Alliance, P.O. Box 512, Monkton, MD 21111-0512. Phone us at: 410.239.0640*

### [Sierra Club – Gov. Pinchot Group of PA](http://pennsylvania.sierraclub.org/pinchot/) - <http://pennsylvania.sierraclub.org/pinchot/>

- Contact GVP Sierra Club, P.O. Box 606, Harrisburg, PA 17108-0606. [GVPSierraClub@email.com](mailto:GVPSierraClub@email.com)

[Shank's Mare Outfitters GO PLAY OUTSIDE!](http://www.shanksmare.com) - [www.shanksmare.com](http://www.shanksmare.com)

- 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)

- 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/>

- Contact Mark Platts, Susquehanna Heritage Corporation. Ph: 717-252-0229. E-mail: [info@lyhr.org](mailto:info@lyhr.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 Laughman's Sawmill Pavilion(summer) and Gander Mtn. (winter)
- Contact: Tom Finenze at 840-1372 or [tom@codorustu.org](mailto:tom@codorustu.org)

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

- Meetings are the third Wednesday of each month. Summer meetings at the Co-op Nursery, Winter meetings at Collinsville F&G Club
- 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/>

- WAAC meets the 4<sup>th</sup> Wed, 8:30AM, at the Adams County Ag Center
- 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 2 - Next meeting of WAY Board of Directors, 7:00 PM, at The York Water Co., Mt. Rose Ave.
- 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. Distribution: electronic (1,950). Frequency: bi-weekly. Subscription: No charge. Editor: Gary R. Peacock.
- 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)

[Wecology](http://www.wecologypa.org/) - [www.wecologypa.org/](http://www.wecologypa.org/)

- Contact: Wecology 130 E.Market St., York, PA 17405. Phone: 717-718-7554.

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

- Contact: Deborah Goetz, at [deborah.p.goetz@gmail.com](mailto:deborah.p.goetz@gmail.com) or phone 717-697-4734

[York-Adams Pharmaceuticals Stewardship Alliance](#)

- Contact: Martha King at 717-968-3083.

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

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

[York Audubon Society](http://www.yorkaudubon.org/) - <http://www.yorkaudubon.org/>

- YAS monthly meetings are held at: Luther Memorial Church, 1907 Hollywood Drive, York, PA 17403.
- 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
- 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. Ph: (717) 840-7440. E-mail: [Parks@York-County.org](mailto:Parks@York-County.org). Web: [www.YorkCountyParks.org](http://www.YorkCountyParks.org).

[York County Planning Commission](http://www.ycpc.org) - [www.ycpc.org](http://www.ycpc.org)

- Meetings are held the third Monday of the month and held at the 911 Center.
- Contact YCPC at 717-771-9870 or [planner@ycpc.org](mailto:planner@ycpc.org)

[York County Solid Waste Authority](http://www.ycswa.org/) - <http://www.ycswa.org/>

- Contact YCSWA at 717-845-1066



## WATERSHED EDUCATION & OUTREACH

### York County Solid Waste Authority's Police Department Medication Drop-Box Program Collects 2,650 Pounds of Medications Since Start-up

Eleven York County police departments currently partner with the York County Solid Waste Authority (YCSWA) to host medication take-back boxes in their police department lobbies. Together, they have safely collected and disposed of a total of 1.2 tons of unused and expired medications since the start of the program in November, 2012. This partnership program provides a secure disposal option for unwanted medications from residential sources at no cost to the public or to law enforcement agencies. All York County police departments have been invited to participate. The secure medication take-back boxes, purchased by YCSWA from MedReturn, work like a mailbox: once medications are deposited, they cannot be retrieved and are contained in a locked compartment accessible only by law enforcement. The heavy-duty green metal box bolts to the floor and wall. Medications collected in the take-back box program are delivered by law enforcement to the Authority's waste-to-energy facility for safe and complete destruction. Law enforcement also maintains the box and secures medications that are received until they can be destroyed. Northern York County Regional Police Department was the first police department in York County to host a MedReturn take-back box. The Authority's waste-to-energy facility is equipped with state of the art combustion technology and air emission controls making it York County's best waste management tool for destruction of unwanted or expired prescription or over-the-counter medication. The facility's operator, Covanta York Renewable Energy, also supports this program. Residents interested in dropping medication at a take-back box location should remove their personal information from containers before depositing them in boxes. ONLY RESIDENTIAL prescription or over-the-counter medications are accepted. Pharmacies, hospitals and other commercial sources of medications are not eligible to participate. Syringes and other "sharps" are not accepted in this program. The public may find a list of drop-box dates, times and locations at [www.ycswa.com](http://www.ycswa.com).

### New Penn State Center For Nutrient Solutions

A multi-pronged, systems approach to solving water pollution caused by nutrients in the environment is the focus of a new center housed in [Penn State's College of Agricultural Sciences](#). With a \$2.2 million Science to Achieve Results grant from the U.S. Environmental Protection Agency, researchers will launch the Center for Integrated Multi-scale Nutrient Pollution Solutions. The center is one of four new National Centers for Innovative and Sustainable Water Research announced by EPA on January 30. The Penn State-led center – known by its short title, the Center for Nutrient Solutions – will encompass seven teams that will combine existing research efforts with new studies and programs to tackle the vexing problem of nutrient pollution and its effects on watersheds, particularly the Chesapeake Bay basin. The three-year project will look at nutrient flows from agricultural, rural, urban, municipal and atmospheric sources, noted principal investigator James Shortle, distinguished professor of agricultural and environmental economics, who also directs the Penn State [Environment and Natural Resources Institute](#). The new Center for Nutrient Solutions will focus on four Chesapeake Bay tributary watersheds: Conewago Creek, Mahantango Creek and Spring Creek in Pennsylvania and the Manokin River in Maryland. Efforts in the Conewago Creek watershed will build on an existing Penn State Extension initiative – featured in a recently released video – that already has achieved measurable results. In addition to researchers from Penn State, scientists from the University of Maryland and the U.S. Department of Agriculture will participate in the project.

### Penn State's Landscape Architecture Program: Water Blues, Green Solutions Video

[Penn State's landscape architecture undergraduate](#) program is the best in the country, providing students with hands-on experiences both in and out of the classroom. Stuart Echols, associate professor of landscape architecture, encourages his students to explore new innovations in green infrastructure. His dedication, coupled with that of the rest of the department, translates not only into curriculum for landscape architecture students, but also extracurricular engagement. According to Echols, undergraduates are participating in design competitions on their own – not for class credit. Wilson Lee is one such student. Lee and his peers participate in an annual competition through the U.S. Environmental Protection Agency to design a space on campus that integrates stormwater systems. This particular group of Penn State students is implementing a design for Pollock Commons. Filmmakers relied on Echols' expertise during the production of Penn State Public Media's latest documentary, "[Water Blues, Green Solutions](#)." Learn more about the documentary and Penn State's involvement in green infrastructure by visiting the [Water Blues website](#).

### Draft Chesapeake Bay Watershed Agreement released for public comment

The Bay Program is seeking public comment through March 17 on the final draft of its Chesapeake Bay Watershed Agreement, which will guide restoration efforts in the nation's largest estuary, and its 64,000-square-mile watershed, for years to come. Read more... [http://www.bayjournal.com/article/draft\\_chesapeake\\_bay\\_watershed\\_agreement\\_released\\_for\\_public\\_comment](http://www.bayjournal.com/article/draft_chesapeake_bay_watershed_agreement_released_for_public_comment)

### Report: Chesapeake Conservation Practices Working

WASHINGTON, December 5, 2013 – A record number of voluntary conservation practices adopted by Chesapeake Bay farmers since 2006 have significantly reduced the amount of nitrogen, sediment and phosphorus leaving cultivated croplands, according to a new report released today. The report, part of USDA's Natural Resources Conservation Service estimates that since 2006, conservation practices applied by farmers and landowners are reducing nitrogen leaving fields by 48.6 million pounds each year, or 26 percent..... [continue reading](#)

### Public-Private Partnerships for Green Infrastructure

(WASHINGTON – January 10, 2014) The U.S. Environmental Protection Agency, Maryland Department of Environment (MDE) and Prince George's County today announced a \$100 million initiative to demonstrate how community-based, public-private partnerships can spur green infrastructure-driven stormwater controls, while creating thousands of local jobs and boosting economic growth. EPA and MDE have joined forces with Prince George's County to provide technical and regulatory support for developing and implementin..... [continue reading](#)

### NRCS Grant for Water-Quality Trading

Government agencies and organizations in Virginia, Maryland and Pennsylvania have been building water quality trading systems during the past few years to lower the cost of regulatory compliance with water quality laws. What are water quality trading systems? In brief, water quality trading systems enable farmers, ranchers and forest landowners to generate income by selling water quality credits to waste water treatment facilities, developers and other regulated entities. Making eligibility easier..... [continue reading](#)

#### Proposed natural gas line threatens trout stream, drinking water

*Bay Journal* – A proposed natural gas pipeline in the Gunpowder River watershed is raising alarms among environmentalists, who worry that its construction would disrupt one of the East Coast's finest trout rivers as well as drinking water for the Baltimore metropolitan region. Columbia Gas, a subsidiary of Texas-based energy giant NiSource, wants to build a 21.5 mile gas line that would extend from Owings Mills in Baltimore County to Rutledge in Harford County. The 26-inch natural gas line would follow Columbia's existing pipeline for 16.5 miles, then extend an additional five miles. Per a request from the Department of Natural Resources, it will go around Gunpowder Falls State Park instead of through it, which is one reason it needs the extension. The \$180 million project could cross 70 small waterways in one of Maryland's most pristine river valleys, which supplies water to the Loch Raven reservoir, the drinking water source for 2 million people. Among the areas it would affect are ones many residents treasure – the trout stream Beaver Dam Run, the Genesee Outdoor School, the lush Greenspring Valley and the popular Oregon Ridge Nature Center and Torrey C. Brown Trail. Read more...

[http://www.bayjournal.com/article/proposed\\_natural\\_gas\\_line\\_threatens\\_trout\\_stream\\_drinking\\_water](http://www.bayjournal.com/article/proposed_natural_gas_line_threatens_trout_stream_drinking_water)

#### Schoolyard habitats connect students to the natural world

*Bay Journal* – It may still be winter but throughout the Chesapeake Bay watershed, teachers and students are already planning for an exciting spring. They are preparing to transform unused spaces on their schoolyards into wetlands, meadows and woodlands for use by wildlife, students and local communities. Read more...

[http://www.bayjournal.com/article/schoolyard\\_habitats\\_connect\\_students\\_to\\_the\\_natural\\_world](http://www.bayjournal.com/article/schoolyard_habitats_connect_students_to_the_natural_world)

#### January Issue Of Fish & Boat Commission's Currents Newsletter Now Available

The January issue of the Fish and Boat Commission's Currents newsletter is now available features stories on awards given for volunteer service, habitat restoration and lifesaving. It also includes a schedule of exhibits the Commission will have out outdoor shows around the state.

#### NOAA Releases Regional Climate Impacts and Outlooks

NOAA and its partners have released the regional climate outlooks for the first quarter of 2014. NOAA's Regional Climate Services Directors lead the production of these quarterly syntheses of climate impacts and outlooks for many regions of the United States. The syntheses discuss the major climate events during the past three months and contain historical seasonal assessments as well as future climate outlooks, utilizing NOAA's monitoring and assessment capacity. This effort, which began in 2012, now includes as many as 10 unique regional prototypes, all produced collaboratively with partner organizations. To view the regional climate reports, visit:

<http://www.ncdc.noaa.gov/news/latest-regional-climate-impacts-and-outlooks>

#### The Importance of Snow

Residents of Pennsylvania are used to dealing with snow. Annual snowfall ranges from an average of about 20 inches in southeastern counties to nearly 100 inches downwind of Lake Erie. While the winter of 2013-14 has produced some snow, most areas of the state have lacked a persistent snow cover for much of the winter. Read more... [http://extension.psu.edu/natural-resources/water/discovery-watersheds/news/2014/the-importance-of-snow?utm\\_source=feedburner&utm\\_medium=email&utm\\_campaign=Feed%3A+agsci-water-watershedwinds+%28Penn+State+Watershed+Winds+Newsletter%29](http://extension.psu.edu/natural-resources/water/discovery-watersheds/news/2014/the-importance-of-snow?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+agsci-water-watershedwinds+%28Penn+State+Watershed+Winds+Newsletter%29)



## **WATERSHED FACILITATION ASSISTANCE**

#### Webinar: Reimagining the Parking Lot & Roadway as a Stormwater Practice – Feb 12

Date: February 12, 2014. Time: 1:00pm – 3:00pm EST. This webinar will cover several ways of reimagining parking lots and roadways as places where stormwater can be reduced, stored, harvested, and treated. Case studies on green street projects will be featured, addressing factors such as permeable surfaces, rainwater storage, and incorporating vegetation into the redesign. <http://www.cwp.org/2014webcast1>

#### Keystone Coldwater Conference – Feb 21-22

The 2014 Keystone Coldwater Conference will be held on February 21-22 at the Ramada Inn Conference Center in State College. The last day to register is February 14. On February 21 there will be an optional afternoon workshop that will focus on how to protect, conserve, and restore stream habitat, while also protecting adjacent property from potential flooding impacts. The workshop will be followed by a Friday evening social. At the social attendees will have the opportunity to network and visit the many exhibitors and posters. The event will include appetizers and a cash bar. On February 22, the program will begin at 8:30 a.m. with our keynote speaker Chris Wood, CEO of Trout Unlimited. Twelve breakout sessions will round off the morning and afternoon, with topics related to conserving, protecting, and restoring our coldwater streams. The presentations will highlight research, case studies, proactive community action, policy and regulations, and targeted outreach and advocacy that have played a part in ensuring environmental protection. The Conference is sponsored by the Foundation for Pennsylvania Watersheds, Pennsylvania Council of Trout Unlimited, Department of Conservation and Natural Resources, Chesapeake Bay Foundation, Pennsylvania Wildlife Federation and PA Environment Digest - Crisci Associates. [Click Here](#) for all the details.

#### Streambank Stabilization Using Soil Bioengineering Treatments – Mar 13

Live webinar 1:00-2:30 p.m. EST. Streambank stabilization federal and state regulatory agencies are stricter now than ever about requiring vegetation to be a part of any designs that include rock riprap. Streambank soil bioengineering techniques use plants to increase the strength and structure of the soil, and help re-establish the natural vegetation community in the riparian zone. This live webinar will describe what type of plants to use, how to plant them to achieve the highest percentage of establishment, and where to plant them to achieve the highest stability to the streambank. This live webinar will detail how to construct a number of bioengineering treatments and how to install them on the streambank. The information on streambank soil bioengineering will provide the user with guidance on different options for including vegetation in streambank stabilization designs. Register...

<http://www.lorman.com/live-webinar/392238?c=2&p=3234374373&md=453460:7:bWFya3NAeW9ya3dhdGVyLmNvbToxNDAxMjk6MzQyMzA2MDgyNiAg#overview>

#### PAEE Conference – Mar 14-16

Antiochian Village (near Ligoneir, PA). [www.paee.net](http://www.paee.net). This year presenters were asked to think about how their work fits into one of the four spheres of the earth. According to the newly release national Next Generation Science Standards, "Earth's major systems are the geosphere, the hydrosphere, the atmosphere, and the biosphere.

#### "CONSUMERS VIEW" TO BE TOPIC OF YORK COUNTY AGRICULTURAL RECOGNITION BANQUET – Mar 20

The York County Agriculture Business Council announces the date of the 28th Annual Agricultural Recognition Banquet for Thursday, March 20, 2014 at the York Expo Center, Old Main Hall. The evening will begin with a social at 5:30 p.m., followed by dinner at 6:30 p.m. and program. The event is intended to strengthen mutual appreciation of business, urban and agricultural communities as we continuously strive to improve our quality of life and share the wealth of resources we all enjoy. Stock & Leader, Attorneys At Law and Glatfelter Insurance Group are sponsoring the banquet. The keynote speaker will be Andrew McCrea, who brings a unique blend of life experiences as a farmer and rancher, author and nationally syndicated radio broadcaster! He is the producer of "American Countryside" radio features. His message will be "Farming From a Consumers Point of View". As part of the evening, awards and recognition will be given for Outstanding Farm Family, Outstanding Ag Industry, Centennial Farm, Ag Exchanges and Outstanding Youth in Agriculture. Also, the 6th "Tony Dobrosky Future Leader Award" will be presented in memory of Anthony G. Dobrosky. The Council will also conduct a silent auction to raise funds to support the Council and its agricultural education efforts. Tickets are available at a cost of \$32 per person. Businesses may sponsor tables and receive either eight or four banquet tickets with advertising opportunities. Reservations are due February 28, 2014. For more information and reservations, contact Michele Grove at (717) 246-3578 or [ycabc@comcast.net](mailto:ycabc@comcast.net), or visit [www.facebook.com/ycabc1](http://www.facebook.com/ycabc1)

#### Templates for Creating & Restoring Sustainable Landscapes – Mar 22

AN AFTERNOON WITH DONALD LEOPOLD. Donald J Leopold, Ph.D. has been studying native plants for 30 years! He is an Author and Distinguished Teaching Professor/Chair of the Department of Environmental and Forest Biology at State University of New York - College of Environmental Science and Forestry. March 22, 2014 - Doors open at 1:00 PM. Lecture at 2:00PM. St. Matthew Evangelical Lutheran Church, 839 West Market Street, York, 17401. Tickets \$5.00 /Person. Call: 717-840-7408. E-mail: [ksf13@psu.edu](mailto:ksf13@psu.edu). Or Mail Checks Payable to PSCE Program Fund To: Donald Leopold: Native Plants 112 Pleasant Acres Rd. York Pa 17402. Sponsored by the Garden Club of York, York Audubon Society and MAEscapes.

#### GOT DRUGS? NATIONAL TAKE BACK INITIATIVE VIII – Apr 26

April 26, 2014, 10:00 AM - 2:00 PM. The Drug Enforcement Administration (DEA) has scheduled another National Prescription Drug Take-Back Day which will take place on Saturday, April 26, 2014, from 10:00 a.m. to 2:00 p.m. DEA will coordinate a collaborative effort with state and local law enforcement agencies focused on removing potentially dangerous controlled substances from our nation's medicine cabinets. This is a great opportunity for those who missed the previous events, or who have subsequently accumulated unwanted, unused prescription drugs, to safely dispose of those medications to law enforcement officers for destruction. The program provides an opportunity for law enforcement, prevention, treatment, and the business community to collaborate and establish a safe collection site for all Americans, regardless of where they reside. The DEA's Take-Back events are a significant piece of the White House's prescription drug abuse prevention strategy released in 2011 by the Office of National Drug Control Policy. Disposal of unwanted, unused or expired drugs is one of four strategies for reducing prescription drug abuse and diversion laid out in Epidemic: Responding to America's Prescription Drug Abuse Crisis. The other strategies include education of health care providers, patients, parents and youth; enhancing and encouraging the establishment of prescription drug monitoring programs in all the states; and increased enforcement to address doctor shopping and pill mills. The National Prescription Drug Take-Back Day aims to provide a safe, convenient, and responsible means of disposal, while also educating the general public about the potential for abuse of these medications. For more information, contact Martha L. King, CRS, York-Adams Pharmaceuticals Stewardship Alliance, Hanover, 717-968-3083. Website: [www.guidingheartswithhope.org](http://www.guidingheartswithhope.org)

#### Graduate Course "Susquehanna to the Chesapeake" – Jun 16-20

The Chesapeake Bay Foundation is hosting a graduate level teacher course starting in Pennsylvania and ending at the Chesapeake Bay. Visit the link below for details! <http://www.cbf.org/CCsummer#PA-June> Select "June", then select "PA Teachers"



## **WATERSHED FINANCIAL ASSISTANCE**

#### 2014 Susquehanna Riverlands Mini Grants – Feb 17

With funding received from the Pennsylvania Department of Conservation and Natural Resources (PA DCNR), the Lancaster County Conservancy is pleased to announce that we will be awarding another round of mini grants that range in amounts from \$2,500 to \$25,000 for projects such as land conservation and preservation, stream and habitat restoration, passive recreation development, locally driven planning, and community economic revitalization efforts. This funding is a direct pass through and goes to promote the Susquehanna Riverlands area and achieve the goals set by the partners. Mini-Grant projects should help to sustain the Susquehanna Riverlands sense of place whether it is through protection, promotion, or building on our region's assets. Examples include projects that feature natural resources, heritage and cultural resources, and recreation. Projects that have the greatest benefit to multiple assets and have strong partner collaboration will be ranked the highest. Projects funded through this round of grants must be completed by December 31st, 2016. The Letter of Intent deadline is February 17, 2014 by 5:00pm. Please see the attached documents for more information or consult the LCC website (<http://www.lancasterconservancy.org/about/susquehanna-riverlands-program-2/>). For any questions or comments, feel free to contact me ([nebersole@lancasterconservancy.org](mailto:nebersole@lancasterconservancy.org)).

#### Reminder: WREN Grant Proposals are Due March 21

The League of Women Voters of Pennsylvania Citizen Education Fund (LWVPA-CEF) through its WREN Project (Water Resources Education Network) has funding available to help launch or strengthen community partnerships that raise awareness and educate citizens about ways to

keep Pennsylvania water resources clean and healthy. For 2014, WREN offers two grant programs to help local community partnerships raise awareness about threats to their water bodies and water supplies -- and promote solutions. If your proposal meets our criteria, we'll work together with you to help make your project a success.

- A [Watershed Education track](#) with awards up to \$5,000 to help foster local community partnerships that raise awareness, implement demonstration projects and encourage behavior change that will reduce polluted runoff.
- We also offer a [Source Water Protection track](#) with awards up to \$7,000 to foster regional or County-level Source Water Protection Collaboratives that will educate local officials and residents about ways to protect public drinking water resources from contamination, improve emergency response coordination and ensure the community water supply will be sustainable.

Click [here](#) to read more.

#### USDA Accepts Grant Applications for Conservation Innovation Efforts

WASHINGTON, Feb. 6, 2014 - The U.S. Department of Agriculture (USDA) is accepting applications for competitive grants to develop and accelerate conservation approaches and technologies on private agricultural and forest lands. "Conservation Innovation Grants (CIGs) have contributed to some of the most pioneering conservation work on America's agricultural and forest lands," said Agriculture Secretary Tom Vilsack. "It's an excellent investment in new conservation technologies and approaches that farmers,..... [continue reading](#)



## **WATERSHED TECHNICAL ASSISTANCE**

### Flood Control, Storm Water and the Law

2 CD Set with bound 34 page manual. Storm water and flooding comprise major and growing risks to cities, transportation systems, people, and the environment. Flooding has long been the major cause of property damage, and recent catastrophes such as hurricanes Katrina and Sandy have exacerbated the total losses and created chain effects in the economy. While storm water control was considered a drainage issue in the past, it has expanded to include regulation under the Clean Water Act, and added charges have caused conflicts in many local areas. Laws governing storm water and flooding are evolving from simple doctrines to more complex sets of statutes and cases to respond to a growing nation under threats of climate change, sea level rise, and added regulations. The Federal Flood Insurance Program has operated for 40 years and is being revamped to overcome losses from recent catastrophic events. Local governments are faced with many responsibilities, which must be financed by ratepayers. Homeowners are often left in quandaries as to how to protect themselves against risk and losses. These realities of storm water and flooding create an environment of need for programs and professional services for individuals, governments and businesses. You will learn basic concepts of storm water and flooding, and how risks are increased by decisions of individuals, businesses and governments. The legal aspects of storm water and flooding will be explained through doctrines, statutes, and cases. How governments organize responses and programs will be explained, and you will be alerted to trends and issues to be faced in the near future. To order... <http://www.publicworksresource.com/bookstore/392691TMX>

### Update to the Comprehensive Plan

The Susquehanna River Basin Commission (Commission) is pleased to announce that an update of its Comprehensive Plan for the Water Resources of the Susquehanna River Basin has been completed and the final updated Plan is now available. The Comprehensive Plan is available on the Commission's website, <http://www.srbc.net/planning/comprehensiveplan.htm>, and a hard copy can be provided upon request via e-mail to [srbc@srbc.net](mailto:srbc@srbc.net). The Susquehanna River Basin Compact, enacted in 1970, authorizes and requires the Commission to formulate and adopt a comprehensive plan. The plan provides an overarching framework for the management and development of the basin's water resources and serves as a guide for all Commission programs and activities. It is further intended to be a useful resource for the Commission's member jurisdictions, water resource managers, private sector interests, and others in the basin. The current Comprehensive Plan was completed in 2008 and called for five-year updates to help ensure the Plan is current and of long-term value and utility. It groups management responsibilities into six key water resource "priority management areas": (1) sustainable water development; (2) water quality; (3) flooding; (4) ecosystems; (5) Chesapeake Bay; and (6) coordination, cooperation, and public information. A total of 29 goals has been established for the priority management areas in the updated Plan, with 84 actions identified as being necessary to meet the goals. The Plan also recognizes the benefits of highlighting other important water resource topics. These selected topics are designated as "areas of special interest" by the Commission; they are (1) mine drainage; (2) climate change; (3) consumptive use mitigation; (4) drought coordination; (5) economic development, recreation and other public values; (6) emerging contaminants; (7) energy production and development; (8) flood forecasting and warning; (9) invasive species; (10) fisheries monitoring and restoration; (11) potentially stressed areas and water challenged areas; and (12) water and wastewater infrastructure. The Commission believes these areas of special interest need to be addressed by the combined efforts of all levels of government, the private sector and the Commission

### New report: Unregulated contaminants common in drinking water

Traces of 18 unregulated chemicals were found in drinking water from more than one-third of U.S. water utilities in a nationwide sampling, according to new, unpublished research by federal scientists. Included are 11 perfluorinated chemicals, an herbicide, two solvents, caffeine, an antibacterial compound, a metal and an antidepressant. Read more...

<http://www.environmentalhealthnews.org/ehs/news/2013/unregulated-water-contaminants>

### ASTM Standards Emphasize Particle Size Distribution

W. CONSHOCKEN, Pa., January 28, 2014— Particle size distribution, also known as gradation, refers to the proportions by dry mass of a soil distributed over specified particle-size ranges. Gradation is used to classify soils for engineering and agricultural purposes, since particle size influences how fast or slow water or other fluid moves through a soil. Two proposed new ASTM standards provide test methods for determining particle size. ASTM WK11776, Test Methods for Particle-Size Distribution (Grada..... [continue reading](#)

### Forest Service Releases New i-Tree Software

WASHINGTON , Jan. 22, 2014 – The Forest Service is making it easier than ever for homeowners and urban planners to discover the economic and ecological value of their trees, with today's release of the free mobile software tool i-Tree 2014 . Since it was first released in 2006, the free tools found in the i-Tree suite have made it possible for communities, non-profit organizations, consultants and students to analyze individual trees, parcels, neighborhoods, cities and entire states. The software has al..... [continue reading](#)

### EPA Releases Climate Assessment Update to National Stormwater Calculator

EPA has released Phase II of the National Stormwater Calculator and Climate Assessment Tool package. The updated calculator includes future climate vulnerability scenarios. The calculator is a desktop application that estimates the annual amount of stormwater runoff from a specific location. The calculator now includes changes in seasonal precipitation levels, the effects of more frequent high-intensity storms, and changes in evaporation rates based on validated Intergovernmental Panel on Climate Change climate change scenarios. The updated calculator includes climate models that can be incorporated into the calculation of stormwater runoff. Users can enter any U.S. location and select different scenarios to learn how specific green infrastructure changes, including inexpensive changes such as rain barrels and rain gardens, can reduce stormwater runoff. This information shows users how adding green infrastructure, which mimics natural processes, can be one of the most cost-effective ways to reduce stormwater runoff. For more information on the National Stormwater Calculator and Climate Assessment Tool package visit: <http://www.epa.gov/nrmrl/wswrd/wq/models/swc/>. To learn about EPA's Green Infrastructure research, visit: <http://water.epa.gov/infrastructure/greeninfrastructure/index.cfm>.

### U.S. Geological Survey Climate Projection Portal Available for Use

This interactive viewer shows maps based on future projections of temperature and precipitation from a group of "statistically downscaled" global climate models. Users can generate maps for various periods and scenarios to show the number of days that exceed certain thresholds in the model results (for instance, the number of days over 90 degrees Fahrenheit). The portal can also produce annual time series graphs for regions such as watersheds or counties. To access the portal, visit: <http://cida.usgs.gov/climate/derivative/>.

### Water Research Foundation Releases Research Report, Case Studies, and Tool on Preparing for Extreme Weather Events

Whether it is extreme drought or a polar vortex, extreme weather can cause havoc on drinking water supplies. The Water Research Foundation (WRF) has released a report summarizing research undertaken to identify and characterize water quality impacts from source to tap caused by extreme weather-related events and to provide dozens of case studies documenting the lessons learned from such events. The project also resulted in an Excel tool that organizes the case studies by extreme event type. To access these resources, visit: <http://www.waterrf.org/Pages/Projects.aspx?PID=4324>.

### "Beyond the Basics" Website Shares Best Practices in Local Mitigation Planning

The "Beyond the Basics" website is the product of a five-year research study conducted by the Coastal Hazards Center and the Center for Sustainable Community Design at the University of North Carolina at Chapel Hill (UNC). As part of this study, researchers at UNC systematically analyzed 175 local hazard mitigation plans drawn from six states to assess their content and quality. Each plan was evaluated using a hazard mitigation plan quality protocol that has been developed, tested and applied over several projects across the country. The website is designed to help guide the user through the process of developing or updating a local hazard mitigation plan that will meet the requirements for approval by the Federal Emergency Management Agency (FEMA). To learn more, visit: <http://mitigationguide.org/>.

### New Training Video - BMPs for Preventing the Spread of Invasive Plants

A year ago we notified you that we had completed prevention BMP manuals for [land managers](#) and for [transportation and utility managers](#). They've been downloaded a couple thousand times since then, and lots of hard copies have been distributed as well. We recently completed a related product: a 42-minute training video that covers the basics of cleaning, disturbance, planning and awareness. The video draws from both BMP manuals, and features presenters from the state Dept. of Transportation, a power utility, and a water utility, as well as land managers working on restoration. The video can help reach folks that may not pick up a manual, and it can be used in training settings to start a discussion about practices in your organization. Take a look at our [webpage for the video](#) where you can see a trailer and order the DVD (\$10 each to cover our production costs). Have a great spring!

### New Maryland TMDL Website

MDE has developed a new series of webpages, referred to as the TMDL Data Center, which is now live and online. The link to the new site is provided below. The purpose of the site is to provide permitted entities and local jurisdictions with applicable TMDL and WLA data, as well as additional information that may be of use in implementing these TMDLs and WLAs. Specifically, the new webpages include:

- An online TMDL and WLA tracking database
- Allows permittees and local jurisdictions to query their TMDLs/WLAs
- A series of online maps of all EPA approved TMDLs
- Depicts the locations of TMDL watersheds and provides the ability to download these applicable shapefiles
- SW-WLA implementation plan guidance documents
- Provide guidance to local Phase I MS4 jurisdictions in the development of permit required implementation plans
- A Stormwater Toolkit
- Provides instructions to local MS4 jurisdictions for sub-dividing any aggregate SW-WLAs
- Other relevant technical and GIS information and documents

The new site can be accessed at: <http://www.mde.state.md.us/programs/Water/TMDL/DataCenter/Pages/index.aspx>. Over the next year, MDE will be working to improve and refine the website and its content. If you have any questions about the site, please contact Greg Busch at [410-537-3901](tel:410-537-3901) ([gregory.busch@maryland.gov](mailto:gregory.busch@maryland.gov)) or Jeff White at [410-537-3884](tel:410-537-3884) ([jeff.white@maryland.gov](mailto:jeff.white@maryland.gov)).

