

# WAY E-NEWS

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



Monday, January 27, 2014

A PUBLIC-PRIVATE PARTNERSHIP

Volume 14, Issue 1

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- Source Water Collaborative Launches Online Toolkit

### 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 - [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/>

- 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)

- 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 - [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 Wernitz, Codorus state Park Ph: 717-637-2816; E-mail: [codorussp@pa.gov](mailto:codorussp@pa.gov)

### Conewago Canoe Club - [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/>

- 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. Ph: (717) 843-4411 or e-mail [skenny@farmtrust.org](mailto:skenny@farmtrust.org)

### 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. Ph: 717-432-5011

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

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

### Maryland's Upper West Shore Trib Team - <http://www.dnr.state.md.us/waters/tribstrat/>

- Team Meeting Monday, November 4th, 2013. The McFaul Center, Room 5, 525 West MacPhail Road, Bel Air. Presentation by Krisztian Varsa on the new SMART Tool, a Homeowner BMP tracker developed by the U of MD SeaGrant Extension in conjunction with Towson Univ.
- Contact: Rupert Rossetti, Tributary Team Coordinator, e-mail: [RupertRossetti@aol.com](mailto:RupertRossetti@aol.com)

### Mason-Dixon Trail System, Inc. - <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>

- Contact: 717-840-7408 or Connie Schmotzer at [cxs51@psu.edu](mailto:cxs51@psu.edu)

### Peach Bottom Concerned Citizens Group Inc. - [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 - [www.prettyboywatershed.org](http://www.prettyboywatershed.org)

- 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/>

- Oct 29 – Upcoming monthly meetings will be held at the East Shore Area Library (ESA), 4501 Ethel Street, Harrisburg, PA 17109 at 6:30 pm. All meetings are on the last Tuesday of the month at 6:30 pm and will be held at the ESA unless noted.
- 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)

- Jan 8 – 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](#)

- Oct 26 National Drug Take Back Day at your local participating pharmacy
- 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)

- [Partners in the Park 5K Race](#) October 13th
- 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

### Pollution reduction efforts make strides, but Bay water quality slow to react

*Bay Journal* – Bay Barometer reports gains in public access, oyster habitat but grasses, benthic habitat, stream buffer plantings goals fall short. The Bay Program's latest effort to answer the perennial question – how is the Bay doing? – offers a decidedly mixed view of the efforts taken to help restore the Chesapeake and its watershed. While it shows pollution reductions proceeding ahead of schedule, it shows most of the Bay and the streams that feed it are still in poor health. And while good strides are being made on some efforts such as fish passages and public access, other important goals – such as planting stream forest buffers – are coming up far short. The Bay Barometer is an annual report from the state-federal Bay Program that provides an overview of Bay health and restoration efforts drawn from dozens of indicators developed from state and federal monitoring programs and a variety of other assessments. It is meant to help the public track changes in the Bay over time. The latest report, released in December, includes data largely from 2012, though some 2013 figures are included. Read more... [http://www.bayjournal.com/article/pollution\\_reduction\\_efforts\\_make\\_strides\\_but\\_bay\\_water\\_quality\\_slow\\_to\\_reac](http://www.bayjournal.com/article/pollution_reduction_efforts_make_strides_but_bay_water_quality_slow_to_reac)

### Sportsmen Call On General Assembly To Protect Sensitive Fish & Wildlife

Pennsylvania's largest sportsmen's groups joined forces Thursday to [send a strong message](#) to members of the Pennsylvania General Assembly: Hunters and anglers throughout the Commonwealth oppose [House Bill 1576](#) (Pyle-R-Armstrong) and [Senate Bill 1047](#) (Scarnati-R-Jefferson). The [Pennsylvania Federation of Sportsmen's Clubs](#), the [Pennsylvania Council of Trout Unlimited](#), the Pennsylvania Trapper's Association, and the Pennsylvania Chapters of the National Wild Turkey Federation, Quality Deer Management Association, the Izaak Walton League of America and Pheasants Forever, [sent a letter to Pennsylvania legislators](#) Thursday urging them to put science before politics, when it comes to fish and wildlife conservation. Collectively, these groups represent more than 100,000 sportsmen and women in Pennsylvania—a constituency that generates nearly \$1.5 billion annually for the state's economy. At issue are House Bill 1576 and Senate Bill 1047—two bills that would fundamentally change how the Pennsylvania Fish & Boat Commission and the Pennsylvania Game Commission operate, when it comes to establishing protections for sensitive fish and wildlife in the Commonwealth. The bills would eliminate the independence of Pennsylvania Fish and Boat and Game Commission by subjecting their decisions to designate wild trout streams, or to list threatened or endangered species, to review by the Independent Regulatory Review Commission and legislative committees. Pennsylvania has a long and proud tradition of allowing independent commissions staffed by nationally-recognized wildlife and aquatic experts to manage the fish and wildlife of the Commonwealth without undue political interference. These bills would end that tradition and undermine the longstanding independence of the Game Commission and the Fish and Boat Commission and severely limit their ability to protect Pennsylvania's threatened and endangered species— opening up the door for increased federal oversight and potential loss of federal funds under the Pittman-Robertson and Dingell-Johnson Funds. A copy of the letter [is available online](#). In November the House Game and Fisheries Committee [amended and reported out](#) House Bill 1576 by a largely party-line vote. The bill has been Tabled since November 13. The bill generated significant opposition from sportsmens and environmental groups across the state during [two joint public hearings](#) held by the Game and Fisheries and Environmental Resources and Energy Committees. For more information, visit the [PA Council of Trout Unlimited](#) and the [Pennsylvania Federation of Sportsmen's Clubs](#) websites.

### Fish-Friendly Turbines Installed At Holtwood Hydroelectric Plant

[Voith Hydro](#) celebrated the recent completion of PPL Generation's expansion of the [Holtwood Hydroelectric facility](#) on the Susquehanna River in Lancaster County. Voith supplied the turbines, generators, and automation components for the project, which more than doubled the century-old plant's electricity generating capacity. The \$440 million expansion will provide power to approximately 100,000 households. The project has been noted for its environmental enhancements, including improving both upstream and downstream fish passage. The new hydro powerhouse was built on the site of a previously retired coal-fired power plant. In addition to the increased capacity, PPL worked with local, state, and federal stakeholders to improve migratory fish passage, including numerous enhancements to the facility's fish lift system. The state-of-the-art Kaplan turbines that Voith supplied for Holtwood will enhance downstream fish passage as well.

### House Committee Hearing Jan. 29 On Bill Prohibiting Stream Buffer Mandates

The House Environmental Resources and Energy Committee is scheduled to hold a hearing January 29 on [House Bill 1565](#) (Hahn-R-Northampton) prohibiting DEP from mandating the use of stream buffers to control erosion and sedimentation in High Quality and Exceptional Value Watersheds under Chapter 102 of DEP's regulations. [Click Here](#) for a summary of the bill by the prime sponsor. Background: The [changes to Chapter 102](#) were adopted as final by the Environmental Quality Board in May of 2010 after review by DEP's Water Resources Advisory Committee, Agricultural Advisory Board, meetings with interested stakeholders, the Independent Regulatory Review Commission and review by the House and Senate Environmental Resources and Energy Committees. On June 27, the [Chesapeake Bay Foundation wrote to the Chairs](#) of the House Environmental Resources and Energy Committee to oppose [House Bill 1565](#). A copy of the letter [is available online](#). Rep. Ron Miller (R-York), serves as Majority Chair, and Rep. Greg Vitali (D-Delaware) serves as Minority Chair.

### DEP Unveils Susquehanna River Study Video

Harrisburg – DEP today announced the launch of an all-new educational video about the ongoing water quality study on the Susquehanna River. Since beginning the study in 2012, DEP scientists and staff, in cooperation with other federal and state agency personnel, are conducting an analysis of the Susquehanna River's water quality, water flow, sediment, pesticide and hormone levels, invertebrates and fish tissue. The investigation was broadened in 2013 to include tributaries to the Susquehanna River and its West Branch, as well as the Juniata River. The study was also expanded to explore the cause of a number of issues affecting smallmouth bass in certain areas of the river. In 2012, DEP staff spent 187 cumulative work days sampling on the river. In 2013, that number grew to 927 cumulative staff days. There were more than 2,600 water quality samples collected on the Susquehanna River by DEP staff in 2013. Samples are being studied and analyzed by DEP's Bureau of Laboratories, the U.S. Geological Survey and Central Michigan University. DEP continues to work in partnership with the Pennsylvania Fish and Boat and the Susquehanna River Basin commissions on portions of the study. DEP staff is currently examining the samples collected in 2013 before the start of the 2014 sampling season. This summer marks the third year of the study, and a sampling plan is being developed in advance of the summer sampling season. Sampling efforts on the Susquehanna River will remain ample until DEP has collected enough data to draw conclusions about the overall health of the river and what, if any, action is needed. DEP worked with Commonwealth Media Services to produce this video. It is the second in a new series of educational videos DEP is developing as part of its

Public Participation and Education Initiative launched last fall. The new video is available on the department's YouTube channel at [www.youtube.com/pennsylvania/dep](http://www.youtube.com/pennsylvania/dep). For more information visit [www.dep.state.pa.us](http://www.dep.state.pa.us) and click the "Susquehanna River Study Update" button. Media contact: Amanda Witman, 717-787-1323

#### USDA Reports No-Till, Conservation Farming Practices Cover 83.4% Of PA Farmland

USDA's National Agricultural Statistics Service, Pennsylvania Field Office, reported Thursday 83.4 percent of Pennsylvania's major crop acreage is now covered by no-till and conservation practices. In 2013, conventional tillage was used on 16.6 percent of the major crop acreage in Pennsylvania, down from the 19.0 percent recorded in 2012. No-till was practiced on 61.9 percent of the major crop acreage, and other conservation tillage practices were used on the remaining 21.5 percent. The complete report [is available online](#).

#### Chesapeake Bay Foundation Calls For Action On Urban/Suburban Runoff

With the challenge of reducing urban and suburban runoff at the forefront of discussions at all levels of government, the [Chesapeake Bay Foundation](#) Monday released a new report: [Polluted Runoff: How Investing in Runoff Pollution Control Systems Improves the Region's Ecology, Economy, and Health](#). The purpose of this report is to shed light on the problem, debunk myths around the costs of solutions, and call for actions to be taken that will reduce the damage of polluted runoff. When rain hits hard surfaces, like streets, parking lots, and lawns, it collects a toxic mix of pollutants including bacteria, chemicals, and nitrogen and phosphorus. Nationally, researchers have found pesticides in 97 percent of urban runoff samples, at levels high enough to harm aquatic life 83 percent of the time. Our antiquated system for managing this polluted runoff in many existing towns and cities is to get it as quickly as possible, untreated, into local rivers and streams. The visible results are beach closures, flooding, and fish consumption advisories. The less visible results are serious damage to the life in our rivers and streams. Researchers have found that Brook trout disappear when only 2 percent of a watershed is paved over. Sensitive amphibians disappear when 3 or more percent is paved. And yellow perch stop reproducing when 10 percent of a watershed is paved. The runoff problem is two-fold: first, many towns and cities were built when treating runoff merely meant getting rid of it; and second, the urban and suburban runoff continues to grow as development spreads far and wide. Every year new development paves over 10,000 acres of forests and farms, an alarming rate. To put that in perspective, every four years an area of land the size of Washington, D.C. is paved or hardened in the Chesapeake Bay Region. [In Pennsylvania, CBF](#) is calling on the Governor and lawmakers to restore funding and update standards for Pennsylvania's 1978 Storm Water Management Act. This planning program received state funding through 2008, but then was zeroed out. The law requires counties to prepare stormwater management plans to reduce pollution and flooding, and implement the plans through local ordinances. These plans need state support for Pennsylvania to meet its commitments to the Clean Water Blueprint. CBF also calls on the legislature to pass legislation to limit the type of lawn fertilizers that can be sold and the time of year it can be applied. Similar legislation has already been passed in Maryland and Virginia. Lawmakers should also reject a proposed bill ([House Bill 1565](#)) that would remove requirements for new developments to protect or restore forests along some of Pennsylvania's most pristine streams. Forest buffers play an important role in controlling flooding, filtering pollution, and maintaining a healthy stream. Finally, CBF encourages regional cooperation in efforts to reduce polluted runoff. Because of the fragmented nature of Pennsylvania governments, cooperative projects could save money and more effectively reduce pollution. York, Lycoming, and Lancaster counties already employ programs to share resources, and other municipalities should follow their example. At the federal level, CBF calls on EPA to enact new, national stormwater regulations. CBF also calls on EPA to ensure that permits proposed by the states include measurable and enforceable pollution limits. A copy of the report [is available online](#).

#### Freshwater Mussel Identification and Ecology Course – Feb 24-28

During the week of February 24-28, 2014, The WVU Environmental Research Center will be offering a professional development course titled "Freshwater Mussels of West Virginia: Life History and Identification" to be taught by mussel biologist Janet Clayton of the WV DNR. [For more information, click here](#).

#### Penn State Extension Seeking New Volunteers for Master Well Owner Program

If you are interested in learning more about the proper management of private water wells, springs and cisterns and you are willing to share what you learn with others, you might be interested in applying for one of the Master Well Owner training courses being offered by Penn State Extension in February 2014! [http://extension.psu.edu/natural-resources/water/discovery-watersheds/news/2014/penn-state-extension-seeking-new-volunteers-for-master-well-owner-program?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/penn-state-extension-seeking-new-volunteers-for-master-well-owner-program?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+agsci-water-watershedwinds+%28Penn+State+Watershed+Winds+Newsletter%29)

#### Volunteers Needed to Educate Students on the Chesapeake Bay and its Natural Resources – Feb & Mar

The Maryland Department of Natural Resources invites adults interested in teaching elementary and middle-school students about Maryland's natural environment to become a part of TEAM, [Teaching Environmental Awareness in Maryland!](#) Volunteers should have an outgoing personality, a strong environmental ethic, and a desire to teach 45-minute to 1.5-hour lessons in classrooms. Although no prior teaching experience is necessary, volunteers MUST attend a three-session TEAM training before beginning. Volunteers must be at least 18 years old have their own transportation. The next set of workshops will be held consecutive weeks in February/March. Participants must attend all three for necessary training.

- Friday, February 21 from 9:30 a.m. to 2:30 p.m. at DNR Tawes Building (580 Taylor Ave., Annapolis 21401)
- Thursday, February 27 from 9:30 a.m. to 2:30 pm at DNR Tawes Building (580 Taylor Ave., Annapolis 21401).
- Thursday, March 6 from 10 a.m. to 3 p.m. at the Jug Bay Wetlands Sanctuary (1361 Wrighton Rd., Lothian 20711)

TEAM currently offers free classroom programs on the Chesapeake Bay watershed, streams and macro invertebrates, oyster reefs, horseshoe crabs, and Maryland watermen. To learn more, visit [dnr.maryland.gov/education/teamdnr](http://dnr.maryland.gov/education/teamdnr). To register for the trainings and for more information, contact Chris Hintz at 410-260-8809 or [chintz@dnr.state.md.us](mailto:chintz@dnr.state.md.us).

#### Interactive Map Shows Healthy PA Drug Take-Back Box Locations

Department of Drug and Alcohol Programs Secretary Gary Tennis Monday announced the department is now offering an interactive map on its website that plots the locations of hundreds of [prescription drug take-back boxes](#) statewide. The new interactive map was announced during a visit to the Lackawanna County Courthouse where one of the boxes associated with Gov. Corbett's Healthy Pennsylvania drug take-back initiative was unveiled. The initiative will fund up to 250 secure MedReturn boxes throughout the state, providing a safe, convenient and

permanent place to dispose of any unwanted or unused prescription drugs. Gov. Corbett's Healthy Pennsylvania drug take-back initiative is a partnership between the Pennsylvania District Attorneys Association, the Department of Drug and Alcohol Programs and the Pennsylvania Commission on Crime and Delinquency. PCCD administered the grants under the initiative, and PDAA has been working directly with district attorneys to encourage interest in the program and establish the boxes statewide. PDAA also provided the data on the boxes to populate the interactive map. Additional drop box locations not supported by the grant, but known to DDAP, were also included on the map as a convenient one-stop resource for information about drop box locations statewide. The interactive mapping tool can be found on the [Department of Drug and Alcohol's website](#).

#### Ice Safety

How do you know if ice on a pond or lake is safe to walk on? I like to ice fish in the winter, but I always feel uneasy the first time on the ice because I don't know how thick the ice is. [http://extension.psu.edu/natural-resources/water/discovery-watersheds/news/2014/ice-safety?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/ice-safety?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+agsci-water-watershedwinds+%28Penn+State+Watershed+Winds+Newsletter%29)

#### January Is The Perfect Month For A Home Water Audit

Saving water is easy when you think about it. Here's a fun and easy way to see how water-wise you are by taking a [Home Water Audit](#), courtesy of iConservePA.org [H2O Water Use It Wisely](#) Program. [Click Here](#) to watch the iConservePA.org Home Water Challenge to learn more about how to save water. (Reprinted from the January issue of Seeds from [iConservePA.org](#).)

#### iConservePA.org Video: New Herron Playground Helps Stormwater Management

Watch an amazing transformation of a South Philadelphia playground going from a drab slab to a healthy and green play area that manages 100 percent of its stormwater while keeping smiles on kids' faces. [Click Here](#) to watch this new [iConservePA.org](#) video and learn more about this [Philadelphia Water Department](#) project. (Reprinted from the January issue of Seeds from [iConservePA.org](#). Sign up for your [own copy here](#).)

#### Opportunities to Monitor Climate Change

The U.S.A National Phenology Program's Nature's Notebook program encourages citizen scientists, educators, and students of all ages to monitor the impacts of climate change on plants and animals in the United States. Through this program, contributors are generating long-term data sets useful for scientific discovery and decision-making. [Nature's Notebook » U.S.A. National Phenology Network »](#)

#### Featured Video Rethinking Basins: Putting Nature to Work

We've all seen developments with out-dated detention basins, and we know they don't work nearly as well as we'd want. But what can we do it about? Let it get a little wild! Spring is coming (although it might not seem like it if you are wearing multiple layers of sweaters, sipping hot tea, and still feeling cold as you read this email)! It's time to put nature to work, and let it do its thing. Are you ready to rethink traditional basins? Watch [Rethinking Basins: Putting Nature to Work](#)



## WATERSHED FACILITATION ASSISTANCE

#### Registration Is Now Open For The 2014 Great American Cleanup Of PA

[Keep Pennsylvania Beautiful](#) Friday announced registration is now open for groups interested in participating in the [2014 Great American Cleanup of PA](#) which this year will begin on March 1 and end on May 31. This annual event is held in conjunction with Keep America Beautiful's Great American Cleanup and in partnership with support from the Department of Environmental Protection, PennDOT, [PA Waste Industries Association](#) and the [PA Food Merchants Association](#). Additional sponsors include [Waste Management](#), [Republic Services](#), [Steel Recycling Institute](#) and the [Lancaster County Solid Waste Management Authority](#). Groups registered for the Great American Cleanup of PA will can get free trash bags, gloves, and safety vests from PennDOT district offices. Events consist of litter cleanups, illegal dump cleanups, beautification projects, special collections, and educational events. As part of this event, the Department of Environmental Protection and PA Waste Industries Association are sponsoring Let's Pick It Up PA – Everyday. During the Pick It Up PA Days, registered event coordinators will be able to take the trash collected during their cleanup to participating landfills for free disposal. The Let's Pick It Up PA – Everyday event will begin on April 12th and end on May 5th. The focus day will be April 26th. 2013 Results All 67 counties in Pennsylvania were represented in the 2013 Great American Cleanup of PA. There were 4,928 events with 137,429 volunteers. Volunteers collected 309,672 bags of trash or 6,193,439 pounds. They cleaned 13,954 miles of roads, railroad tracks, trails, waterways, and shorelines, and 4,252 acres of parks and/or wetlands. Additionally, volunteers planted 5,933 trees, bulbs and plants in an effort to keep Pennsylvania beautiful. Since the inception of this event in 2004, over 74 million pounds of litter and waste have been removed from Pennsylvania's landscape, and over 100,000 trees, bulbs and flowers have been planted. To register your event, find an event near you, or to find additional resources, visit the the Keep Pennsylvania Beautiful's [Great American Cleanup of PA](#) website. Any additional questions can be answered by Michelle Dunn, Great American Cleanup of PA Program Coordinator, at 1-877-772-3673 ext. 113 or send email to: [mdunn@keeppabeautiful.org](mailto:mdunn@keeppabeautiful.org).

#### Game Commission Habitat Seedling Sale Began Jan. 6

While it might be winter, landowners can begin making plans to help wildlife this spring – and beyond – by planting tree and shrub seedlings offered by the Game Commission's Howard Nursery. The 2014 seedling order form [is available online](#), and sales are set to begin January 6. Most seedlings are sold in units of 25, but 100-seedling bundles also are available in mixes to benefit deer, game birds and songbirds, as well as to improve riparian and winter-thermal habitats. The 2014 order form contains a wide selection of evergreens, shrubs and fruit- and nut-bearing trees. Most species are native to Pennsylvania, and with the exception of black locust, all of the available hardwoods are grown from seed collected from Pennsylvania sources and processed by Game Commission personnel. Two offerings have been added to the order form this year. Black-gum/Black Tupelo is a slow-growing tree that provides food for birds and wildlife and, as it grows, often provides nesting cavities. A unit of 25 1-year-old seedlings is available for \$12.50. Also available this year is a mixed-oak collection, which may contain some or all of northern red oak, white oak, chestnut oak, pin oak and black oak seedlings. A unit of 25 seedlings is available for \$8.75, but – like many

of the seedlings offered for sale – can be purchased at a discounted price. Although a discount is not offered for all species or habitat bundles, orders of 12 or more total units qualify for applicable discounted pricing. With the discount, prices are as low as \$3.75 per bundle, or 15 cents per seedling. The mixed-oak bundle costs \$6.25 with the discount. Species that qualify for the discount are marked on the order form. Annetta Ayers, superintendent at Howard Nursery, said there is a very limited supply of some of the seedlings for sale. Those who are interested might want to call Howard Nursery at 814-355-4434. Hours of operation are Monday through Friday from 7 a.m. to 3:30 p.m. Orders can be placed by telephone, as well. The order form and information about the seedlings for sale are available at the [Game Commission's website](#). The order form can be completed and submitted online, or printed out and faxed or mailed. Payments are not due until the order is confirmed by Howard Nursery.

#### CBF-PA Hosts Stormwater, MS4 Workshops In Central PA – Feb 3

The [Chesapeake Bay Foundation-PA](#) and its partners will host a series of stormwater management (MS4) workshops in January and February for municipal officials, employees, and engineers working in Dauphin, Lancaster, York, Cumberland, and Franklin Counties.

The workshops are scheduled for–

- January 27: for municipal officials and staff, Farm & Home Center, 1383 Arcadia Rd., Lancaster;
- January 29: for municipal officials and staff, Radisson Hotel, 1150 Camp Hill Bypass, Camp Hill ; and
- February 3: for engineers, Clarion Hotel Inn, 148 Sheraton Dr., New Cumberland, Cumberland County, 8 a.m. to Noon. [Click Here](#) for registration form (deadline Jan. 24).

The workshops will provide educational and outreach assistance, offer technical support, and explore financial opportunities to help communities pay for improvements to meet National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permitting requirements. The Susquehanna River Basin is one of the most flood-prone river systems in the United States, with millions of dollars in property damage occurring each year. And while there are many sources degrading the Commonwealth's rivers and streams, polluted runoff from suburban and urban areas is of significant concern. Currently the third largest pollution source and has damaged nearly 2,500 miles of our streams and rivers. Polluted runoff generally originates from urban and suburban areas. As rainwater flows across hard surfaces, such as parking lots, roadways, rooftops, and even our manicured grass lawns, it can pick up and carry with it a mixture of potentially toxic pollutants. The Chesapeake Bay Foundation recognized that a comprehensive and coordinated initiative to raise awareness and understanding of polluted runoff, as well as the opportunities to make improvements, was needed. Thanks to a grant from the William Penn Foundation, CBF will be hosting, with the URS Corporation presenting, informational workshops for municipal officials, engineers, and technical staff. The workshops are free; however, reservations are required and attendance is limited to municipal officials, municipal employees, and engineers working only in Dauphin, Cumberland, Lancaster, York, and Franklin Counties. CBF hopes to be able to provide additional workshops to a broader geographic region in the future. For more information on the workshops, contact Ruth Hocker, P.E., by sending email to: [rhocker@cbf.org](mailto:rhocker@cbf.org).

#### Webinar: Economic Development – Redeveloping Your Community – Feb 5

Sustainable redevelopment can help communities revitalize neighborhoods, attract and retain businesses, and increase revenues for general funds. This webinar features the redevelopment experiences of Cedar Rapids, Iowa, as it recovered from a devastating flood. Topics include redevelopment policies, development practices, and resource leveraging.

<http://learning.icma.org/store/seminar/seminar.php?seminar=23235&pc=calendar>

#### Conservation Funding Opportunities – Feb 17

Scotts Miracle-Gro is providing GRO1000 Grassroots Grants to help develop gardens and green spaces in communities and neighborhoods across the U.S. Grants of up to \$1,500 will be awarded to local communities. Eligible applicants include nonprofit organizations, educational institutions and government agencies. For more information and to apply online, [click here](#). Applications are due February 17. The National Fish and Wildlife Foundation is administering the Sustain Our Great Lakes Program, dedicated to sustaining, restoring, and protecting fish, wildlife, and habitat in the Great Lakes basin. The Program will award grants from \$25,000-\$1,500,000 for on-the-ground habitat restoration and enhancement in two categories: (1) Habitat Restoration and (2) Delisting of Beneficial Use Impairments within the Great Lakes Areas of Concern. Eligible applicants include nonprofit organizations; state, tribal and local governments; and educational institutions. Online pre-proposals must be submitted by February 18, and invited full proposals will be due on April 28. For more information, [click here](#).

#### Best Urban BMP in the Bay Award (BUBBAS) contest!! – Feb 28

The [Chesapeake Stormwater Network](#) (CSN) is proud to announce our first ever [Best Urban BMP in the Bay Award](#) contest!! The [BUBBAS](#), as it is affectionately being called, aims to recognize the best urban BMPs that have been designed and installed in the Chesapeake Bay watershed within the past 5 years. Basic Info: \$5,000 cash award to grand prize winner. Contest now open! 6 different award categories Deadline for submissions: February 28, 2014. Online submission process: <http://chesapeakestormwater.net/the-bubbas/>

#### Native Plant Communities Lecture and Event – Mar 22

The York Audubon Society, MAEscapes, and the Garden Club of York will be co-sponsoring our second speaker series. This year's featured speaker is Dr. Donald Leopold. Dr. Leopold has been studying native plants for 30 years. He has taught courses in plant materials and wetland ecology and has given numerous seminars on conservation and restoration. His book "Native Plants of the Northeast, A Guide for Gardening and Conservation" is unsurpassed by any other single volume with information on 700 species of native trees, shrubs, vines, ferns, grasses and wildflowers. Dr. Leopold's presentation "Native Plant Communities: Templates for Creating and Restoring Sustainable Landscapes" will take place on Saturday, March 22, 2014 at St Matthew's Evangelical Lutheran Church located at 839 West Market Street in York. The doors will open at 1:00 for view of the educational exhibits and a book signing. The lecture takes place at 2:00 with a dessert reception afterwards. Tickets \$5 in advance. Call 717-840-7408.

#### Wildlife Leadership Academy Offers Summer Field School For Students, Teachers – Apr 1

The [Wildlife Leadership Academy](#) is now accepting applications for their 2014 summer field schools from youth ages 14-17 and adults. Adults serve as mentors and participate alongside the students. School teachers are encouraged to apply as mentors. The Wildlife Leadership Academy is year-round program that focuses on wildlife/fisheries conservation and leadership development. The mission of the Academy is to empower youth to become ambassadors for wildlife conservation in order to ensure a sustained wildlife legacy for future generations.

The Academy begins with an intensive, five day residential field school experience that focuses on a fish or wildlife species as a springboard for exploring biology, habitat, and conservation issues. Youth also develop leadership skills engaging in team-building activities, educational presentations, and mock “town hall” meetings on current topics. Three field schools are available for youth and adults to apply to this summer: Pennsylvania Bucktails, white-tailed deer focus (Stone Valley Recreation Area in Huntingdon County June 17-21), Pennsylvania Brookies, brook trout and coldwater conservation focus (Sieg Conference Center in Clinton County July 8-12), and Pennsylvania Drummers, Ruffed Grouse focus (Powdermill Nature Reserve in Westmoreland County July 22-26). Following each field school experience and prepared with the knowledge and the skills from the field school, students complete conservation outreach in their home communities that focuses on environmental education, community service, media engagement, and/or participation in the arts. Led by the Pennsylvania Institute for Conservation, the Wildlife Leadership Academy is a cooperative initiative and brings the experts to the students. Participants are taught by and interact with conservation professionals daily. These professionals represent agencies, conservation organizations and universities from across the state. Applications for the 2014 field schools can be downloaded at the [Wildlife Leadership Academy](#) website. The application deadline is April 1 for youth and March 17 for adult mentors. Expert instructors at the field school include representatives from Kutztown University, Game Commission, Fish and Boat Commission, Pennsylvania State University, the Ruffed Grouse Society, Trout Unlimited, Quality Deer Management Association, and many more. For more information, contact Institute Director, Michele Kittell by sending email to: [mkittell@picweb.org](mailto:mkittell@picweb.org) or 570-245-8518. You can also connect with the [Academy on Facebook](#).

#### Youth Water Educator’s Summit Returns in 2014 – Sep 24

Youth water education continues to be an important part of protecting and restoring America’s valuable water resources. Penn State Extension is proud to host the second ever Dive Deeper Summit for youth water educators in the Mid-Atlantic Region. Whether it’s in the classroom, at a nature center, during a 4-H or scout meeting, or at summer camp, youth can gain the skills and knowledge they need to become future stewards of our water resources. Dive Deeper II will feature opportunities to learn new and innovative approaches to teaching youth about water, networking among your water education peers, and updates about important issues effecting water in the Mid-Atlantic Region. This second bi-annual youth water educator’s summit will be held in Harrisburg, PA on Thursday, September 25, 2014.

[http://extension.psu.edu/natural-resources/water/discovery-watersheds/news/2014/youth-water-educator2019s-summit-returns-in-2014?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/youth-water-educator2019s-summit-returns-in-2014?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+agsci-water-watershedwinds+%28Penn+State+Watershed+Winds+Newsletter%29)



## **WATERSHED FINANCIAL ASSISTANCE**

#### Governor Corbett Announces 118 Grants to Protect, Improve Watersheds in 40 Counties

HARRISBURG -- Governor Tom Corbett announced today that the Department of Environmental Protection will invest more than \$20.65 million in watershed protection projects to improve watersheds, reduce stormwater runoff and acid mine drainage (AMD), and support educational programs, among other environmental efforts. This year, the Growing Greener program, funded by the Environmental Stewardship Fund, will award \$15,120,608 for 97 projects around the state. Four additional projects, funded by the Surface Mining Conservation and Reclamation Grant, will receive \$1,953,947. Two additional grants, totaling \$406,975, are funded by the AMD Set Aside Program. The U.S. Environmental Protection Agency’s Section 319 Nonpoint Source Management Program, that was created through the federal Clean Water Act to help reduce water pollution from nonpoint sources, is funding 15 additional projects, totaling \$3,174,807. These projects will reduce nonpoint source pollution in impaired streams by implementing agricultural and stormwater best management practices (BMPs); developing, repairing or installing passive systems to treat AMD; and supporting the establishment of riparian buffers, among other methods. Two of the primary goals under Pennsylvania’s Growing Greener Program are to invest in projects that protect watersheds from impairment due to nonpoint source pollution and to restore waterways damaged by non-point source pollution. Some examples of priority activities are restoration work to reduce pollutant load in impaired watersheds for which total maximum daily loads have been developed; projects in priority watersheds that would reduce the source of impairment; and priority activities that lead to water quality restoration and protection. In this latest grant round, 162 eligible applicants requested about \$41.8 million. Applications came from counties, authorities and other municipalities; county conservation districts; councils of governments; watershed organizations that promote local watershed conservation efforts; and other authorized organizations involved in restoring and protecting the environment. For more information about Growing Greener or to see the complete list of grant recipients, email [GrowingGreener@pa.gov](mailto:GrowingGreener@pa.gov), call 717-705-4500 or visit DEP’s website at [www.dep.state.pa.us](http://www.dep.state.pa.us), keyword: Growing Greener. Media contact: Amanda Witman, 717-787-1323

York County

- Codorus Creek Watershed Association, South Branch Codorus Creek Restoration: \$22,500
- Izaak Walton League of America, Barshinger Run Restoration: \$59,925
- Izaak Walton League of America, East Branch Codorus Creek Restoration: \$60,500
- Izaak Walton League of America, Pine Run Restoration: \$70,000
- Izaak Walton League of America, South Branch Codorus Creek Restoration: \$58,905

#### Apply for Green Infrastructure Technical Assistance

EPA’s [Office of Wastewater Management](#) is seeking letters of interest from communities that want to implement green infrastructure to protect water quality and build more sustainable communities. The Green Infrastructure Technical Assistance program provides assistance to help communities 1) overcome the most significant barriers to green infrastructure, and 2) develop innovative approaches to implementation that meet multiple environmental, social, and economic goals. Apply by January 24, 5:00 p.m. EST. Learn more:

<http://water.epa.gov/infrastructure/greeninfrastructure/upload/RLI-2014-Version-4.pdf>

#### Apply for 2014 Open Planning Tools Innovation Awards – Jan 31

The [Open Planning Tools Group](#) has announced a new innovation awards program to facilitate the advancement and use of innovative open access planning tools. This year, there will be two awards: Innovative Open Source Planning Tool Award - An award to the best new contribution(s) to open source planning tools. Exemplary Implementation of Open Source Planning Tool Award - An award to a planning

endeavor that used planning tools in an innovative manner to create effective public engagement or improved analysis supporting the resolution of a significant challenge. Apply by January 31. Learn more: <http://scenarioplanningtools.org/2014/01/06/call-for-entries-2014-open-planning-tools-innovation-awards/>

#### 2014 DCNR grant workshops for recreation and conservation projects will be held in February

These workshops will provide information to potential applicants on DCNR grants available for public recreation and conservation projects. The next grant period opens January 15, 2014 and ends on April 16, 2014. Locations and dates are:

- Camp Hill, February 5
- Conshohocken, February 6
- Nanticoke, February 19
- Boalsburg, February 20
- Wexford, February 25
- Clarion, February 26

The workshops will provide in-depth information on projects eligible for DCNR's grant funds, how to develop a competitive "ready-to-go" application, eligible applicants, and matching fund requirements. Participants will also receive guidance and updates on the eGrants application process and have an opportunity to interact with Bureau staff. [Preregistration](#) is required. On the [Calendar of Events page](#), click on the individual workshop event that you would like to attend, and then scroll down to the bottom of the page to register. For additional information, email [linmanning@pa.gov](mailto:linmanning@pa.gov) or call 717.783.4736

#### Five Star & Urban Waters Restoration Program – Feb 5

The Five Star & Urban Waters Restoration Program seeks to develop community capacity to sustain local natural resources by providing financial assistance to diverse local partnerships. Partnership project topics include wetland, forest, riparian, and coastal habitat restoration, stormwater management, and outreach and stewardship with a particular focus on water quality, watersheds, and the habitats they support. Deadline for Applications: February 5, 2014. <http://www.nfwf.org/fivestar/Pages/2014rfp.aspx>

#### 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)).

#### Community Economic Development Assistance Programs – Mar 14

The Economic Development Administration (EDA) of the US Department of Commerce is soliciting applications from rural and urban communities to develop initiatives that advance new ideas and creative approaches to address rapidly evolving economic conditions. EDA will make construction, non-construction, and revolving loan fund investments. Initiative priorities include sustainable development in economically distressed and underserved communities. Deadline for Applications: March 14, 2014. [http://www.grants.gov/web/grants/view\\_opportunity.html?oppld=248297](http://www.grants.gov/web/grants/view_opportunity.html?oppld=248297)

#### DEP Accepting Applications For Act 101 & 108 Municipal Inspector Grants – Mar 14

The Department of Environmental Protection is now accepting applications for 2013 Municipal Inspector Reimbursement Grants for municipal and hazardous waste facilities. The deadline is March 14. ([formal notice](#)) For more information, visit DEP's [Host Municipality Programs](#) webpage

#### WREN Announces 2014 Community Watershed Education & Source Water Protection Collaborative Grants Now Available! – Mar 21

WREN projects help communities work together to protect and improve our most precious natural resource, clean water. Grant Applications Due: March 21, 2014. Project Activity Timeframe: July 1, 2014 - June 30, 2015. Learn more - Download Grant Guidance and Application Form at: [http://wren.palwv.org/grants/grants\\_wren.html](http://wren.palwv.org/grants/grants_wren.html) and <http://www.waterwisepa.org/grants/our-grants>. The Water Resources Education Network (WREN) has funding available to help launch community partnerships that raise awareness and educate citizens about ways to keep Pennsylvania water resources clean and healthy. As a WREN project leader, you can make a difference to assure that families will have clean water for generations to come through nature protection and sustainable development. WREN projects help residents and community leaders work together to take action that will reduce risk and prevent pollution of the aquifers, lakes, rivers, streams, springs, and the places we fish, swim and enjoy. Go to <http://www.waterwisepa.org/our-projects> to see terrific projects we've already funded to get creative ideas. No need to re-invent the wheel.

#### Federal Funding Compendium for Urban Heat Adaptation

This compendium from the Georgetown Climate Center provides information on 44 programs that state and local governments can apply for that can reduce the effects of urban heat islands. The compendium includes information on eligibility standards, what urban heat island projects can be supported by each program, application deadlines, the amount of money available in each program, and the average size of each grant. Deadline for Applications: Varies by program. <http://www.georgetownclimate.org/sites/default/files/Federal%20Funding%20Compendium%20for%20Urban%20Heat%20Adaptation.pdf>

PA American Water Kicks Off Stream Of Learning Scholarship Program – Mar 14

Pennsylvania American Water Wednesday announced applications are being accepted for its 2014 Stream of Learning Scholarship Program to provide financial assistance to high school seniors who are planning to pursue careers in the water and wastewater industry.

The deadline for applications is March 14. The program is designed to support outstanding students living in Pennsylvania American Water's service territories who are charting a course of study in specific fields, ranging from engineering to environmental science, which are crucial to the water and wastewater business. The company will award scholarships of \$2,000 each to 10 students who are selected through the program's application process. Applicants must meet the following criteria:

- Students must currently live in one of Pennsylvania American Water's service areas. (Students can attend college outside of the company's service territory.)
- Students must plan to attend a two- or four-year college or technical school.
- Students must plan to study environmental science, environmental engineering, biology or chemistry.

Winners will be selected by a panel of judges and will receive their awards in May. Family members of Pennsylvania American Water employees are not eligible. This month, the company is sending scholarship brochures and applications to high school guidance counselors throughout its service territory.

Applications [are available online](#).



## WATERSHED TECHNICAL ASSISTANCE

Low impact development, green infrastructure, what do they mean?

*Bay Journal* – Acronyms evolve with agencies and policies: here's a short primer on "infrastructure" definitions. Almost everyone in the stormwater business agrees that the terminology – along with the technology – has been changing. Between green infrastructure, low impact development, and "generic" stormwater management, the terms may mean different things to different people. Some history and a partial guide may help. Read more... [http://bayjournal.com/blog/post/low\\_impact\\_development\\_green\\_infrastructure\\_what\\_do\\_they\\_mean](http://bayjournal.com/blog/post/low_impact_development_green_infrastructure_what_do_they_mean)

Street Design: The Secret to Great Cities and Towns

What makes street designs successful? This new book provides the blueprint. Topics include the proper ratio of building height to street width, street landscaping, terminated vistas (designing a street to end in front of a prominent building), and street geometry.

<http://www.wiley.com/WileyCDA/WileyTitle/productCd-1118066707,subjectCd-AR50.html>

How Commercial Property Investment in Green Infrastructure Creates Value

Green infrastructure – water quality management techniques including the use of site-specific approaches such as green roofs, tree plantings, rain gardens, and permeable pavement – has been proven to help solve major urban stormwater problems and improve the health and livability of neighborhoods. But green infrastructure can also provide significant benefits to businesses. This issue brief from the Natural Resources Defense Council explores how green infrastructure practices can help advance the bottom line for the commercial real estate sector. <http://www.nrdc.org/water/commercial-value-green-infrastructure.asp>

Resilient Sustainable Cities – A Future

This new book provides an integrated approach for long-term city planning, viewing the city as a whole system. The book provides practical insights for practitioners, researchers, and students on how to design cities that are resilient and sustainable. Included are case studies and examples of cities that have been transformed to prepare for a more sustainable future.

<http://www.routledge.com/books/details/9780415816212/>

DEP's New Brownfields Guide Available Online

The Department of Environmental Protection's new Brownfield Development Guide that was unveiled at the recent Pennsylvania Brownfields Conference is now available on the department's website. This comprehensive guide outlines the full spectrum of services and resources available for the often complex steps involved in redeveloping brownfield properties. The guide draws on Pennsylvania's 18 years of experience in cleaning up more than 4,760 sites. It's intended to assist a broad audience of private industry, state and local agencies, economic development agencies and redevelopment authorities, local officials, communities, property owners, developers and other stakeholders. It identifies DEP assistance available through Brownfield Action Teams for: developing inventories and assessing properties; identifying sources of financial assistance; permitting site development activities; meeting cleanup challenges; and engaging communities, planning and outreach. [Click Here](#) to read your copy.

Source Water Collaborative Launches Online Toolkit

NACD and the Source Water Collaborative (SWC) recently announced a new online toolkit to facilitate partnerships to protect drinking water sources through agriculture conservation practices, stormwater and forest management. The toolkit offers effective steps for source water protection professionals working at the local or state level to build partnerships with conservation district staff. The toolkit is designed for a variety of audiences - from those who have never worked with their conservation district, to those who have attempted but without success, to those who would like to enhance their current efforts. As a member of the SWC, NACD was involved in the production of the toolkit, which will be discussed in more detail during a Breakout Session at the 2014 NACD Annual Meeting. To view the online toolkit, click [here](#).

