

WAY E-NEWS

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



Monday, April 1, 2013

A PUBLIC-PRIVATE PARTNERSHIP

Volume 13, Issue 7

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- Best Management Practices (BMPs): The Maintenance Element – Part 3
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WATERSHED CONTACTS

- COUNTY PLANNING – (717) 771-9870**
CONSERVATION – (717) 840-7430
- Agricultural conservation planning
 - Environmentally sensitive dirt & gravel road maintenance
 - Environmental stewardship and watershed protection
 - Erosion & sediment control
 - Stormwater complaints
- 24-HR EMERGENCIES – (877) 333-1904**
- Chemical and oil spills from transport trucks, trains and industrial facilities
- ENVIRONMENTAL – DEP-SCRO**
- General Info 717-705-4700
 - 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*

- Stocking Trout Ponds in Pennsylvania
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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

- For information contact Patty McCandless at 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

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

- April 15 – 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

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

[Codorus State Park](#)

- Contact Manager Warren Werntz, Codorus state Park Ph: 717-637-2816; E-mail: codoruspp@pa.gov

[Conewago Canoe Club](http://www.conewagocanoecub.org) - www.conewagocanoecub.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, 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.

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

- Contact: Sean Kenny at Farm & Natural Lands Trust of York County. Ph: (717) 843-4411 or e-mail 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

- 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

- Contact: Gunpowder Valley Conservancy, P.O. Box 9733. Towson, MD 21284. Or Assistant Project Manager Rachel Streusand rstreusand@gunpowderfalls.org.

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

- Contact: Horn Farm Center for Agricultural Education. Ph: (717)654-0571. Email: info@hornfarmcenter.org. Web: www.hornfarmcenter.org.

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

- Contact: Michael Helfrich, Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: 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

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

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

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

- April 29 – Advisory Board meets at 6:30 PM, at the York County ANNEX
- Contact: 717-840-7408 or Connie Schmotzer at cxs51@psu.edu

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

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

[Prettyboy Watershed Alliance](http://www.prettyboywatershed.org) - www.prettyboywatershed.org

- Contact: Nancy Shaper at nshaper@jhmi.edu

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

- Contact GVP Sierra Club, P.O. Box 606, Harrisburg, PA 17108-0606. GVPSierraClub@email.com

Shank's Mare Outfitters GO PLAY OUTSIDE! – www.shanksmare.com

- Call Us: 717-252-1616. Email us: Shanksmare@comcast.net

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

- April 12 – Board of Directors meeting, 6:30 PM, at Spoutwood Farm Center.
- Contact Rob & Lucy Woods at Spoutwood Farm at 717-235-6610 or spoutwood@comcast.net.

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

- Contact Mark Platts, Susquehanna Heritage Corporation. Ph: 717-252-0229. E-mail: info@lyhr.org.

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

- Monthly Chapter Meetings 2nd Wednesday, 7:00 p.m., at Gander Mtn. (winter)
- Contact: Tom Finenze at 840-1372 or tom@codorustu.org

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

- Chapter Meeting 3rd Wednesday of month at Gander Mtn. (winter)
- Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

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

- WAAC meets the 4th Wed, 8:30AM, at the Adams County Ag Center
- Contact: Adam McClain, Ph: 717-334-0636; E-mail: stilden@adamswatersheds.org

Watershed Alliance of York – www.watershedsyork.org

- July 10, 2013 – Annual 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. PLEASE SHARE WITH YOUR MEMBERSHIP AND E-MAIL LIST. Contributions of news, events and information relating to watershed education, funding, planning, restoration, protection, and stewardship welcome. Send contribution to and contact us for mailing list additions/changes to the e-mail address below. Distribution: electronic (1,850). Frequency: bi-weekly. Subscription: No charge. Editor: Gary R. Peacock.
- Contact: Watershed Alliance of York, Inc. (WAY), C/o York County Conservation District, 118 Pleasant Acres Road, York, PA 17402. Phone: (717) 840-7430. Facsimile: (717) 755-0301. E-mail: gpeacock@yorkccd.org

Wecology – www.wecologypa.org/

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

Yellow Breeches Watershed Association – www.ybwa.org

- Time for Spring Cleaning! The fun outdoor kind! Please come out and help us pick up litter along the small tributaries, wetlands, and riparian buffer areas in the Yellow Breeches watershed. To make our water cleaner and safer, the Yellow Breeches Watershed Association has partnered with the Alliance for the Chesapeake Bay's Project Clean Stream and organized several on-the-ground cleanups for March and April. The locations of riparian buffer cleanups are on our website. You and your friends are welcome to help us on as many cleanups as you can fit into your calendar! I will be at all of the cleanups. To make a real difference, we need your help. All of the sites need as many volunteers as possible, so please forward the list to anyone who might be interested. We will pick up the litter from small tributaries, wetlands, and forested riparian areas so please wear boots, long sleeves, and long pants. The YBWA and the ACB will provide gloves, safety vests, trash bags, and snacks! This is a wonderful way to earn service hours while helping the Yellow Breeches Creek! I hope you are able to join us outside and volunteer for a stream-side litter cleanup to protect our water and restore our litter-free landscape. Let's pick it up before it blows into the Yellow Breeches! Hope to see you!
- Contact: Deborah Goetz, at deborah.p.goetz@gmail.com or phone 717-697-4734

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

- Contact Shanna 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/>

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

York County Conservation District – 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

York County Parks & Recreation – www.YorkCountyParks.org

- For more information, contact York County Department of Parks and Recreation. Ph: (717) 840-7440. E-mail: Parks@York-County.org. Web: www.YorkCountyParks.org.

York County Planning Commission – www.ycpc.org

- Meets 1st Tuesday at 7:30 p.m., except Wed. Nov. 1 at 7:30 and Tues. Dec. 1, 6:00 p.m., at 28 E. Market St., 2nd Floor.

- Contact YCPC at 717-771-9870 or planner@ycpc.org

York County Solid Waste Authority - <http://www.ycswa.org/>

- Contact YCSWA at 717-845-1066



WATERSHED EDUCATION & OUTREACH

EPA Survey Finds More Than Half of the Nation's River and Stream Miles in Poor Condition

Today, EPA released the results of the first comprehensive survey looking at the health of thousands of stream and river miles across the country, finding that more than half - 55 percent - are in poor condition for aquatic life. The 2008-2009 National Rivers and Stream Assessment reflects the most recent data available, and is part of EPA's expanded effort to monitor waterways in the U.S. and gather scientific data on the condition of the Nation's water resources. To access the report, visit: <http://www.epa.gov/aquaticssurveys>

State of the Susquehanna Report Released – Gages Critical To River Management

The Susquehanna River Basin Commission (SRBC) recently issued a State of the Susquehanna report showing trends in key water resource indicators. SRBC cites the lack of reliable funding for stream gages to be the greatest threat to the future of water resources management in the Susquehanna watershed. [Read more here.](#) The good news: Nutrient and sediment monitoring data indicate the overall health of the Susquehanna River Basin is continuing to improve. Also, of the more than 49,000 miles of rivers and streams in the basin, less than 14 percent are impaired for aquatic life uses. [Read the full report here.](#)

DEP Releases 2013 Susquehanna River Sampling Plan – Agency Will Provide Regular Updates on Website

HARRISBURG – The Department of Environmental Protection today released a work plan outlining intensive efforts to continue studying and sampling dozens of locations in the Susquehanna River basin throughout 2013. DEP's ongoing efforts include analysis of water quality, water flow, sediment, pesticides, hormones, invertebrates, fish tissue and other areas of study. Portions of the study will focus on areas of the river or its tributaries where smallmouth bass reproduce. The agency's sampling efforts will be focused on sites along the Susquehanna at Marietta, City Island and Sunbury and along the Juniata River at the Lewistown Narrows and Newport. A site along the Delaware River near Trenton, NJ, will be used as a control site. Staff will test for various water quality parameters, like dissolved oxygen, temperature and pH, at multiple sites in the Susquehanna. Samples of fish, mussels and macroinvertebrates, such as mayflies, will also be collected. Fish tissue from bass collected during spawning season will be analyzed for pesticides, PCBs and metals. DEP will also work with the U.S. Geological Survey to analyze fatty tissue from healthy and diseased fish to determine the effects of different environmental factors. In the coming weeks, DEP will sample for pesticides at existing water quality network stations along the Susquehanna, Juniata and Delaware rivers. Samples will be collected during some rain events, as that is when pesticides and herbicides are more likely to wash into the river. DEP will analyze the samples for 54 different compounds. The study also calls for analysis of sediment samples and in-stream monitoring data, to be collected at spawning areas, that examines for pesticides and hormonal compounds. Staff will also take water quality samples from 32 sites in the tributaries of the Susquehanna River basin to better characterize the entire watershed. The agency's biologists continue to consult with a contracted algal expert to analyze samples collected in areas where young-of-year bass have died off or where algal blooms have occurred in the past. Water samples from algae-heavy areas will be analyzed for total suspended solids, ammonia, nitrogen and phosphorus to determine the relationship between nutrient run-off, or discharges, and algae growth. Excessive algae may be indicative of poor water quality and can inhibit aquatic life and recreational activity, such as fishing. DEP continues to wait for final approval from the U.S. Environmental Protection Agency of its final 2012 Integrated Waters report, a biannual assessment of the state's rivers and streams required by the federal Clean Water Act. The report describes the health of various waterways in the state and, where needed, DEP proposes listing waterways as impaired. For more information, visit www.dep.state.pa.us and click on the "Susquehanna River Study Update" button on the homepage.

Report Recommends Move to Integrated Water Resources Management

AWRA report discusses the process of shifting to IWRM and the associated costs and benefits. The Policy Committee of the American Water Resources Assn. (AWRA) recently released its first national report examining the challenges and successes of integrated water resources management (IWRM) in the U.S. In 2011, the AWRA Board of Directors commissioned two position statements from the AWRA Policy Committee. One supported the development of a national water vision and strategy. The other called for implementation of IWRM across the U.S. and committed AWRA to help strengthen and refine IWRM concepts. In an effort to link these two statements, the board asked the committee to explore, through a series of case studies, how IWRM is guiding water management in the U.S. That charge ultimately resulted in the recently released report. Using the collective experiences represented in the seven case studies, the report finds opportunities to improve our national stewardship of water resources and concludes with a recommendation that the U.S. move toward integrated water management at all levels of governance. Click [here](#) to download your free copy of the report. Source: American Water Resources Assn.

Political courage needed to solve water issues

The public comment period for the state's nutrient reduction strategy has ended, but after spending 50 years working on land and water conservation issues, both nationally and internationally, I feel compelled to offer some thoughts on this policy initiative. Let me make two points upfront: First, science is no longer the overriding issue in addressing soil erosion control and water quality problems, including nutrient loss. The science exists to improve land and water quality significantly. What does not exist is the political fortitude to make sensible public policy to drive adoption of that science. Second, to demand more of Iowa's cities than what is asked of farm interests, when the latter contribute so markedly to the problem, is unfair. Moreover, history shows that voluntary action by farmers will not achieve the desired goal. Back in the 1960s, farm leaders steadfastly assured policymakers that once farmers could make a reasonable profit, they would voluntarily invest in conservation measures to address soil erosion and related water problems. But when worldwide demand for food and feed grains skyrocketed in the late 1960s and 1970s, boosting commodity prices and farm profits, voluntary investment in conservation plummeted. Farmers plowed up millions of additional acres, many of which were vulnerable to soil erosion. Read more...

<http://www.desmoinesregister.com/apps/pbcs.dll/article?AID=2013303220034&gcheck=1>

DCWA Supports Stormwater Management Bill: Suggests Further Fee Reduction For Landowners Who Control Stormwater

March 30, 2013 – The Deer Creek Watershed Association, Inc., supports passage of bill 13-12, and suggests an amendment that we believe will make the bill even more effective. The state law has two ways of spurring action: First, the state law requires our county to create a local watershed protection and restoration fund, with fees on properties that have impervious surface. Money in the local fund would be spent on stormwater management and watershed restoration projects as described on pages 8 and 9 of Bill 13-12. The second way the state law spurs action is the incentive in the state law for individual property owners to act on their own initiative. The state law requires the county to establish guidelines for reducing the annual fee for properties that have advanced stormwater best management practices or agricultural activities, and the county's guidelines are also to account for the costs and level of treatment provided by stormwater management facilities funded and maintained by the property owner. Reduction of the annual stormwater remediation fee can be a powerful incentive, motivating property owners to act on their own initiative instead of waiting for the county to solve the problem. Bill 13-12 as proposed limits the potential reduction to no more than 50% of the annual fee (page 5, line 11). The 50% limit is not required by state law, and removing the limit would provide flexibility for the county to allow a greater reduction in the fee – and therefore a greater incentive for landowners – for properties that effectively control stormwater. In summary, the Deer Creek Watershed Association supports Bill 13-12 and believes the amendment we suggest will make the bill even more effective in reducing flooding and the flow of pollution towards the Chesapeake Bay. Suggested Amendment to Bill 13-12: On page 5, in line 11 strike “REDUCE, UP TO 50%,” and insert in lieu thereof “REDUCE”. Note: the text of the state law is online at http://mgaleg.maryland.gov/2012rs/chapters_noln/Ch_151_hb0987E.pdf

PennDOT Invites Volunteers to Join in Statewide Spring Cleaning – Mar 1 – May 31

HARRISBURG – PennDOT is seeking volunteers for this year's Great American Cleanup of Pennsylvania effort that runs through May 31. The cleanup event is an annual effort sponsored by PennDOT, Keep Pennsylvania Beautiful, state Department of Environmental Protection and other partners. Groups involved in PennDOT's Adopt-A-Highway (AAH) program, which involves volunteers cleaning roadsides year round, are also encouraged to participate in the cleanup. Interested individuals can find a listing of cleanup events, resources for organizing a cleanup, and other information about the effort online at www.gacofpa.org. Groups interested in adopting a section of highway are encouraged to contact their local PennDOT County Maintenance office and ask for the AAH coordinator, or visit www.dot.state.pa.us. During last year's Great American Cleanup, 6.7 million pounds of litter was collected from Pennsylvania's roads, trails and shorelines by more than 141,000 volunteers. PennDOT's AAH program contributed nearly 78,000 volunteers who cleaned up nearly 53 percent of the collected litter on 10,960 miles of cleaned up roadway. This year, cleanup partner Keep Pennsylvania Beautiful is hosting its first-ever Great American Cleanup Video Contest. Interested individuals can send a three-to-five-minute video of their cleanup event to Keep Pennsylvania Beautiful by May 24, with eventual voting on the group's Facebook page. For contest rules and information visit www.gacofpa.org. Through the AAH program, volunteers collect litter on a two-mile section of state highway four times a year. The program currently has nearly 7,000 participating groups, more than 125,000 volunteers and 15,834 miles of adopted state-maintained roadways. In addition to the event, during the “Pick it Up PA Days” from April 20 to May 6 registered events have access to free disposal at participating landfills. PennDOT provides gloves, trash bags and safety vests to AAH and Great American Cleanup of PA groups.

Cleaning up Future Site of the Hope Street Garden & Learning Lab

As part of the Great American Cleanup of Pennsylvania, volunteers came out on Saturday March 15, 2013 and helped clean up the future site of the Hope Street Garden & Learning Lab. In less than 3 hours over 100 volunteers help pick up 920 pounds of trash, collect recyclables and removed weeds. Improving our communities starts by cleaning up. Continued community beautification projects help reduce crime making our communities safer. Cleaning up; removing tires, trash and other debris; is the best way to reduce mosquito concerns. These sources are no longer available to collect stagnant water and produce mosquitoes. For more information about the Great American Cleanup of Pennsylvania, supported by Keep Pennsylvania Beautiful, can be found at www.gacofpa.org. More information about the Hope Street Garden & Learning Lab can be found on Facebook or by contacting Anne Jaurez Clark, Community Outreach Specialist, Lincoln Charter School & Helen Thackston Charter School at 717-817-4019 or email anne.clark@lincoln.edisonlearning.com. Anyone needing assistance with planning a cleanup or beautification event in York County can contact Tom Smith, coordinator of Keep York County Beautiful at 717-840-2375 or email tls35@psu.edu.

PENNVEST, DEP Announce Results of Forward Nutrient Credit Trading Auction

HARRISBURG – The Pennsylvania Infrastructure Investment Authority (PENNVEST) and the Department of Environmental Protection, along with financial information services company Markit, held on March 20 the first “forward” auction in 2013 for the sale and purchase of nutrient credits in Pennsylvania's Chesapeake Bay watershed. A “forward” auction means that the certified credits sold will be delivered later and applied to the 2013-15 compliance years. The auction affords wastewater treatment plants and other regulated entities the opportunity to purchase credits to meet their nitrogen and phosphorus discharge limits for these compliance years. PENNVEST hosts the auctions to encourage the trading of nutrient credits in the Susquehanna and Potomac watersheds. DEP's nutrient credit trading program offers a cost-effective way for facilities that are subject to nitrogen and phosphorus limits to meet those limits by working with other facilities, non-point sources or both. For its auctions, PENNVEST is supported by Markit, which provides the platform for enrollment and eligibility, auctions and registry services. Markit provides operations and infrastructure services to environmental programs worldwide. This was a two-round auction, with the first round in the morning and the second in the afternoon. In the first round, the following credits were bought and sold:

- Susquehanna nitrogen, 2013: 10,000 credits for \$2.98 per credit; and
- Susquehanna nitrogen, 2015: 5,000 credits for \$3.12 per credit.

In the second round, the following credits were bought and sold:

- Susquehanna nitrogen, 2013: 7,000 credits for \$2.99 per credit; and
- Susquehanna nitrogen, 2014: 5,000 credits for \$3.05 per credit.

PENNVEST encourages the trading of nutrient credits by acting as a clearinghouse in the credit market, entering into contracts to buy and sell credits. By participating in these transactions, PENNVEST provides market certainty to buyers and sellers, which encourages more activity in the market. Hosting periodic auctions is one way for PENNVEST to facilitate these nutrient credit trades. PENNVEST's next auction is scheduled for June 12. This will be a “forward” auction of certified credits to be applied toward meeting nutrient discharge limits during the 2013-15 compliance years. The enrollment period for that auction is expected to begin on April 17.

For more information, visit www.pennvest.state.pa.us or call 717-783-4493.

Long-Term Water Quality Trends in Near-Pristine Streams

Science Daily Mar. 19, 2013 – For the first time, a study has compared water quality trends in forested streams across the country that are largely undisturbed by land use or land cover changes. The study, which draws on decades' worth of data from reference streams in six U.S. states and Puerto Rico, underscores the value of long-term data in understanding the patterns and causes of water quality changes in streams and rivers. It is published in the current issue of the journal Environmental Research Letters. Read more...

<http://www.sciencedaily.com/releases/2013/03/130320095427.htm>

Properly Planned Roads Could Help Rather Than Harm the Environment, Say Experts

Science Daily Mar. 20, 2013 – Two leading ecologists say a rapid proliferation of roads across the planet is causing irreparable damage to nature, but properly planned roads could actually help the environment. "Loggers, miners and other road builders are putting roads almost everywhere, including places they simply shouldn't go, such as wilderness areas," said Professor Andrew Balmford of the University of Cambridge, UK. "Some of these roads are causing environmental disasters." "The current situation is largely chaos," said Professor William Laurance of James Cook University in Cairns, Australia. "Roads are going almost everywhere and often open a Pandora's Box of environmental problems." Read more... <http://www.sciencedaily.com/releases/2013/03/130320142711.htm>

WaterSense Celebrates 5th Annual Fix a Leak Week, Encouraging Americans to Find and Fix Household Leaks

Celebrate Fix a Leak Week this week with EPA's WaterSense program by checking winter water bills and fixtures for water waste, twisting and tightening pipe and hose connections, and considering replacing broken or inefficient fixtures with WaterSense-labeled models. One in every 10 homes has a leak that is wasting at least 90 gallons of water per day. By taking these simple steps, households can save more than 10,000 galls of water per year and as much as 10 percent on utility bills. Learn more about fixing leaks, find a certified irrigation professional, or search for WaterSense-labeled plumbing and irrigation products: <http://www.epa.gov/watersense>.

The 2012 Secchi Dip-In Report

It's been a pretty good year for Dip-In data gathering, with over 600 people posting results for 2012. More and more people added data from past years so that we can look for trends in transparency. I apologize to folks that have problems getting the site to work for them. We are no longer funded by the EPA so there are no funds to change or do more than minor changes to the entry method. Paper forms are available; I will enter the data as time permits. For programs that have a lot of data, you can send them to me as an Excel file and I'll modify and enter as time permits. Because of the importance of the volunteer answers to perception questions, I prefer that the volunteers enter the data themselves (see the report for an expanded explanation). I do hope your monitoring program survives the federal and state cutbacks. If you are having problems, I can't send money, but you are welcome to use the Dip-In database to continue to collect data with the hopes that someone eventually sees the value of volunteers in keeping track of our nation's waters. Thanks so much for your participation. I hope you can participate again in 2013. Bob Carlson, President, Ohio Lake Management Society, Secchi Dip-In Coordinator, Professor Emeritus, Kent State University. E-Mail: rcarlson@kent.edu. Phone: 330-673-9459. Dip-In Site: <http://www.secchidipin.org>. Facebook Site: <http://www.facebook.com/secchidipin>

Eyes on the Bay Water Quality Website

Spring is right around the corner which means continuous water quality monitors will be deployed around Maryland within the next month. Visit eyesonthebay.net often to view the most recent additions.

What's Your Bay Footprint?

Have you ever wondered about your personal connections and impacts downstream and into the Chesapeake? Nitrogen is one of the biggest pollutants in the Bay and there are many choices we can make every day to help reduce our nitrogen impact. Use the Chesapeake Foundation's Bay [footprint calculator](#) to add up your impacts. You can see how the small and big decisions you make every day can have a lasting impact!

Where Does Your Water – Shed Educational Materials by the National Association of Conservation Districts

There is still time to order your "Where does your water shed?" education or community outreach materials to promote NACD 's Stewardship Week (April 28 – May 5). The NACD Marketplace has a bulk rate for orders of education materials of \$250 or more. Customers must enter the code "bulk2013" during the checkout process to receive the discount. To visit the NACD Marketplace and order materials, [click here](#). For more great education resources, [visit NACD's Web site](#).



WATERSHED FACILITATION ASSISTANCE

Tired of trash in your neighborhood? Want clean water? ACT! – Apr 6

Do you know of a place in need of a trash cleanup? Let the Alliance for the Chesapeake Bay help YOU organize a cleanup during Project Clean Stream, our spring trash cleanup event. Project Clean Stream occurs on April 6, 2013, but we support cleanups throughout spring.

Visit cleanstream.allianceforthebay.org or contact Dan Brellis, dbrellis@allianceforthebay.org

Managing Stormwater With Green Infrastructure Workshop – Apr 11

Join Penn State Extension for a one-day workshop - Stormwater Management with Green Infrastructure at the Montgomery County Extension Office, Collegeville, PA on April 11, 2013. Speakers include Dr. Robert Traver of Villanova University; Andrew Potts of CH2M Hill; David Wise of the Stroud Water Research Center; and others. Learn new cost effective techniques or practices to help manage your community's stormwater by attending the Stormwater Management with Green Infrastructure Workshop on Thursday, April 11, 2013 at the Montgomery County Farm & Home Center in Skippack Township, PA from 8:45 am to 4 pm. MS4 municipalities especially should consider attending to understand the applications and permitting required to meet TMDLs. Cost, including lunch, is \$75. Please register at: <http://agsci.psu.edu/stormwater-management>. Continuing education credits (CEUs) for Certified Arborists, Horticulturists, Engineers and Landscape Architects will be offered. Please inquire if you need out of state credits or others not listed. Trees not only improve air quality, but studies show greening can serve as an economic stimulus tool and increase nearby property values by up to 30 percent. Properly placed trees help to moderate indoor/outdoor

temperatures, and can reduce energy costs, noise pollution and crime rates, among many other environmental, social and health benefits. The \$75 fee includes food, materials and publications. Registration is required. The course offers ISA, PA LA, PLNA and Act 48 ceus. Questions can be directed to Julianne Schieffer at the Montgomery County Extension office, 1015 Bridge Road Suite H, Collegeville, PA 19426; phone (610) 489-4315; email jxs51@psu.edu.

So, You Want to Set Up a Stormwater Utility? The Top Ten Stormwater Utility Launch Failures & How to Avoid Them – Apr 18

Live Webinar! Thurs., April 18th, 11a.m. PDT / 2 p.m. EDT. Since the nation's first stormwater utility was established in 1974, many successful stormwater utilities reap the benefits of dedicated revenue to appropriately manage their stormwater needs. But, not all stormwater utilities succeed, especially those set up from failure from the start! Join [Andy Reese](#), PE, LEED AP, as he explores the top ten ways that stormwater utilities fail to get off the ground successfully, and more importantly...how to avoid these. In this webinar we'll discuss the process of establishing stormwater utilities and how stormwater utilities are often set up for failure from the beginning. Within this discussion, Reese will outline the top ten ways stormwater utilities fail to get off the ground, the drivers for and results of these failures, and how to design a comprehensive launch plan that successfully avoids these issues to ultimately provide your community with dedicated revenue, safe and attractive neighborhoods, ecological balance, and clean water for years to come with [Andy Reese](#), P.E., LEED AP, AMEC Environment & Infrastructure. Sign up... <http://www.foresteruniversity.net/webinar-avoiding-stormwater-utility-failures.html>

Next free webinar in our Green and Sustainable Webinar Series will be on Invasive Plant Management – Apr 18

April 18, 2013 from 10:30 a.m. to noon. Presented by Dan Barringer from Natural Lands Trust, Carrie Gilbert from DCNR Bureau of Forestry, and Drew Gilchrist from our Bureau, this interactive session will show how active land management can minimize the negative impacts created by invasive species. Participants will also be able to identify the threats posed by invasive plants; learn to develop goals, objectives, and strategies; know how to prioritize the management plans and best management practices; and learn about DCNR's Invasive Plant Management Tutorial and how to use this reference for developing invasive plan management plans. Registration for this webinar can be found [here](#). You can receive .15 CEUs for this webinar by emailing egates@prps.org for information on how to apply for them.

Register Now! Maryland Land Conservation Conference – Apr 23

Join us for the 13th annual Maryland Land Conservation Conference on Tuesday, April 23, 2013 at the Conference Center at the Maritime Institute in Linthicum Heights, MD (near BWI). Registration is \$45. \$60 after April 7th. Registration includes breakfast, lunch and a full day of educational sessions. Writer, photographer, farmer and conservationist Peter Forbes who is Senior Advisor and cofounder of the Center for Whole Communities (<http://www.wholecommunities.org/>) will be the Keynote Speaker at this year's conference. Forbes is well-known for his ability to bring together a wide circle of participants, and build bridges between sectors, coalitions and organizations and for nurturing a new land movement that integrates land health, social justice and human spirit. Forbes has earned a national reputation as being a champion of a new brand of community-based conservation where the health of the people and the health of the land are viewed as equal. The theme for the conference is "The Challenge of Perpetuity". For more information, including sponsorship opportunities and exhibiting at the event, contact Michelle Johnson at 410-514-7900 or mjohnson@dnr.state.md.us.

"Water Words that Work" Effective and Persuasive Science Communication by Eric Eckl – Apr 24

Maryland Water Monitoring Council presents "Water Words that Work" Effective and Persuasive Science Communication by Eric Eckl – Apr 24 April 24th, 2013 (9am-12:15pm), MD-DE-DC Water Science Center, U.S. Geological Survey, 5522 Research Park Drive, Baltimore MD, 21228. Do you have trouble communicating your environmental message to the general public? Do you have trouble motivating the uninformed and undecided into positive environmental action? If the answer is "Yes," then this workshop is for you! Eric Eckl, of Water Words that Work will teach you how to effectively communicate with the general public and then use proven techniques to motivate them into action. Using his four step process, you will learn exactly what is required to maximize the impact of your environmental message. Eric Eckl, the founder of Water Words that Work has more than 15 years experience planning and carrying out behavior change campaigns, issue advocacy and fundraising. He has appeared on CNN and been quoted in the New York Times. For more information about Eric Eckl and Water Words that Work visit: www.waterwordsthatwork.com. Pre-Registration is required. The \$50 workshop fee includes a half-day workshop and all workshop materials. To register, go [HERE](#), complete the form and follow the instructions. Registration information must be postmarked by April 12th, 2013. Workshop space is limited so please register early! Questions regarding the workshop content should be directed to Tom Parham (tparham@dnr.state.md.us) or Dan Boward (dboward@dnr.state.md.us). For more information about the Maryland Water Monitoring Council, go to www.marylandwatermonitoring.org

Training Workshop The Stream Simulation Design Approach for Providing Aquatic Organism Passage at Road-Stream Crossings – May 13-17

Dates: 13 to 17 May 2013 (4.5 days). Location: Capon Springs, West Virginia. Tuition: None, participants pay travel and per diem. Workshop Sponsors: USDA Forest Service: Eastern Regional Office-R9, Monongahela National Forest, George Washington and Jefferson National Forests; Trout Unlimited. Target Audience: Civil Engineers, Geotechnical Engineers, Hydrologists, Geomorphologists, Ecologists, Biologists, Geologists. Contact for Additional Information: Nick Schmal, 414-297-3431 or nschmal@fs.fed.us. Workshop Description: This 4.5 day workshop will present the USDA Forest Service's stream simulation method, an ecosystem-based approach for designing and constructing a channel through the road-stream crossing structure that reestablishes physical and ecological continuity along the stream corridor. The premise of stream simulation is that if the design channel simulates the dimensions and characteristics of the adjacent natural channel, fish and other aquatic organisms should experience no greater difficulty moving through the structure than if there were no crossing.

Strategic Conservation Planning Using a Green Infrastructure Approach – May 20-24

National Conservation Training Center, Shepherdstown, WV. Registration Deadline: April 26th. This 4.5 day introductory course provides participants with a strategic approach to prioritizing conservation opportunities and a planning framework for conservation and development - integrating the green and the gray. Through hands-on class projects, lectures, and numerous case studies, participants will experience firsthand how the green infrastructure approach can be used to connect environmental, social, and economic health across urban, suburban, and rural settings. Participants will also learn how green infrastructure planning can serve as a tool to inform land use decisions and build consensus among diverse interests. https://salsa3.salsalabs.com/o/50714/p/salsa/event/common/public/?event_KEY=68428

Day of Action 2013 - Be Someone's Superhero! – Jun 21

On Friday, June 21st, join hundreds of fellow heroes in the largest volunteer event in York County – Day of Action 2013! Volunteers of all ages will serve at a wide-range of projects at local agencies in the community. Who can be a hero? Workplace employees, seniors and students. Whether you have special skills – or no skills – Day of Action is for you! Grab your co-workers, friends and family and enjoy this fun day of giving back and making an impact. Project sign-up information coming soon! Visit us at: [United Way of York County, Day of Action](#)

Data & the Estuary: Professional Development for Teachers

This 5 day program provides teachers with the resources, knowledge and experience necessary to facilitate the integration of estuaries and related topics into the classroom. Through hands-on, field-based investigations teachers will have the opportunity to gather authentic data on land use, water quality, biotic communities and other parameters, analyze that data, and ultimately use this information to develop action projects that will have a positive impact on the natural systems of the Chesapeake Bay. The course is geared toward a middle and high school audience, but all are welcome. Teachers must complete all five days of the course and produce a lesson seed for course credit. Credit provided through MSDE. PLEASE NOTE: The Courses are Tuition-free. However, there is a \$50 NON-REFUNDABLE Registration and Materials Fee required to secure participant registration. This program will help teachers increase their ability to: Utilize Estuaries 101, Field Scope, and associated curricula; Access tools and curricula that support STEM programming; Design authentic student-driven investigations; Implement Investigations; Analyze collected information; Develop action projects to manage and address the results of investigations

- Data & the Estuary: Western Shore Focus, June 24th-28th; 8:30a - 4:00p. Class Cost: \$50.00. Must Register by: 5/28/2013. Location: CBNERR Component Sites. Registration is OPEN! To register for this course please go to: <http://www.coastaltraining-md.org/default.aspx>. Class Instructors: Coreen Weilminster, Trystan Sill, Jug Bay and Anita C. Leight Estuary Noonan Center staff

- Data & the Estuary: Eastern Shore Focus, August 5th -9th; Residential - Karen Noonan Center. Class Cost: \$50.00. Must Register by: 6/30/2013. Location: CBF's Karen Noonan Center. REGISTRATION IS OPEN (3.15.2013)!!! To Register for this course go to: <http://www.cbf.org/join-us/education-program/professional-development/summer-courses#summerAugustTab>. Class Instructors: Coreen Weilminster, Trystan Sill, Bart Merrick, CBF staff

Questions? Contact Coreen E. Weilminster, Education Coordinator Chesapeake Bay National Estuarine Research Reserve in Maryland (CBNERR-MD) Maryland Department of Natural Resources, 580 Taylor Avenue, E-2, Annapolis, MD 21401. Ph: 410-260-8744. E-mail: cweilminster@dnr.state.md.us. Web: <http://www.dnr.state.md.us/bay/cbnerr/>. Join us on Facebook

2013 Susquehanna Water Science Forum - Oct 7-8

WHERE: Camp Hill, PA, Radisson Hotel Harrisburg. HOST: Susquehanna River Basin Commission. On behalf of the Steering Committee, the Susquehanna River Basin Commission is pleased to announce its first-ever Susquehanna Water Science Forum – From Science to Sustainable Water Resources Management. The Forum will bring together water resource professionals and researchers to share current water resource research, prioritize research needs and better coordinate activities in the Susquehanna basin. FORUM FEATURES

- Call for Abstracts (Deadline is June 1, 2013) <http://www.srbcc.net/waterscienceforum/callforabstracts.htm>
- Student Poster Session <http://www.srbcc.net/waterscienceforum/studentposter.htm>
- Plenary and Concurrent Sessions, Keynote Speakers, Exhibits <http://www.srbcc.net/waterscienceforum/agenda.htm>
- Professional Credits for Professional Engineers and Geologists <http://www.srbcc.net/waterscienceforum/professionalcredits.htm>
- Registration and Exhibit Fees (Registration will open June 10, 2013) <http://www.srbcc.net/waterscienceforum/registration.htm>
- General <http://www.srbcc.net/waterscienceforum/index.htm>

FOR MORE INFORMATION Email: SRBCwaterforum@srbcc.net. Contact: Jim Richenderfer, PhD, SRBC, (717) 238-0423, Ext. 224



WATERSHED FINANCIAL ASSISTANCE

Creating Clean Water Cash Flows

This report provides guidance on key strategies that cities can deploy to attract private capital to green infrastructure development. Local municipalities and state government can potentially drive billions of dollars of private investment to modernize broken, aging stormwater systems and keep stormwater pollution out of waterways. Natural infrastructure—such as porous pavement, green roofs, parks, roadside plantings and rain barrels—addresses stormwater pollution by capturing rain on or near where it falls. The report was produced by the NatLab Consortium—a partnership consisting of the Natural Resources Defense Council (NRDC), The Nature Conservancy, and sustainable asset management firm EKO Asset Management Partners. Read more...

http://www.stormh2o.com/SW/Articles/New_Partnership_for_Natural_Infrastructure_Investm_20788.aspx

Susquehanna Riverlands CLI - Mini-Grant Announcement – May 5

I wanted to make you aware of a small grant opportunity within the Susquehanna River corridor from LIVE Green, a program of the Lancaster County Conservancy. An information flyer about the Grant Program is attached. Grants are available from \$2,500 to \$25,000 for projects that sustain the Susquehanna Riverlands sense of place through protection, promotion, or building on our region's assets. These assets include ecology, natural resources, heritage/cultural resources, and recreation. The deadline for project applications is May 5, 2013. Please contact Fritz Schroeder at fschroeder@lancasterconservancy.org or at 717-392-7891 ext. 207, if you have any questions or concerns.

Commonwealth Financing Authority Accepting Flood Project Applications – Jul 31

The Corbett Administration announced Thursday the [Commonwealth Financing Authority](#) will begin accepting applications for a program established by the Act 13 Marcellus Legacy Fund to support flood mitigation throughout the state. The deadline for applications is July 31 for consideration at the November 13 CFA meeting. The CFA offers other project funding opportunities under Act 13, including: [abandoned mine, watershed, recreation funding, alternative, clean energy funding, high performance building funding](#) and [PennWorks Program](#) water supply, wastewater infrastructure funding. Applicants can begin applying immediately under the new guidelines for the Act 13 Programs through DCED's electronic single application system. [Note: The guidelines will be posted soon on the [CFA's webpage](#).] The programs are administered jointly by the Department of Community and Economic Development, the Department of Conservation and Natural Resources, and the Department of Environmental Protection, under the direction of the CFA and DCNR. Notify Your Legislators: If you plan to apply for funding

under this program, PA Environment Digest strongly urges you to notify your local House and Senate member that you have applied and make sure they know how important it is to you. For more information, visit the [Commonwealth Financing Authority](#) website. Eligible applicants are encouraged to contact Brian Eckert or Matthew Karnell at 717-787-6245 to discuss potential projects before commencing the application process.

2013 Growing Greener/319 Grant Round – Aug 2

DEP expects to announce this years Growing Greener and 319 NPS grants round June 1st. Pay particular attention to the Departments watershed priorities. Deadline for grant applications will be August 2nd. Stay tuned for the official announcement!

New Funding for Greenway Projects

How do you build the State's largest greenway? It starts with YOUR local projects! To assist communities develop projects, SGP hosted the Greenway Grants Workshop in Sunbury last month to highlight a number of funding sources for parks, trails, river access, and green infrastructure projects. Over 50 community leaders learned about opportunities from the DCNR, the Commonwealth Financing Authority (Act 13 Marcellus impact fee funds), National Park Service, Chesapeake Bay Trust, and SGP. To view the event flyer and featured grants, [click here](#). Looking for other funding sources? Visit www.susquehannagreenway.org/project-funding

PACD Offers Free PENNVEST Nonpoint Source Application Workshops – April & May

PACD is offering two workshops aimed at assisting individuals to better understand the Pennsylvania Infrastructure Investment Authority (PENNVEST) Nonpoint Source (NPS) Program Application process. The NPS Program provides low-interest loans and grants for nonpoint source projects that have a significant water quality benefit to the commonwealth's streams and rivers. PENNVEST and Department of Environmental Protection personnel will be available to explain the application process and to review the type of supporting information and documents required for application submission. Representatives from conservation districts, the agricultural community, municipalities, watershed organizations, and anyone else who wants to learn about the PENNVEST NPS Program are encouraged to attend. There is no cost to attend either session; however pre-registration is encouraged as seating is limited. Registrations will be accepted on a first come first served basis. For more information and to register click [here](#). Questions can be directed to Terry Fisher at terry-fisher@pacd.org.



WATERSHED TECHNICAL ASSISTANCE

New Study: Cost-Effective Stormwater Management in the James River Watershed

I am pleased to announce the release of a new study conducted by the James River Association and Center for Watershed Protection. This study provides local governments in the James River watershed with cost-effective solutions for meeting their stormwater pollution obligations under the Chesapeake Bay Cleanup. The study demonstrates that manageable approaches are available to localities in meeting their responsibilities for protecting the James River and the rest of Virginia's waters. By gathering and reviewing available cost and pollutant removal data for a variety of river friendly practices, from structural parking lot retrofits to installing rain gardens, the study was able to determine which actions provide the greatest pollution reductions for the lowest investment. This data was then applied in the City of Richmond to develop a number of scenarios for addressing their required stormwater pollution reductions. Read more...

<http://www.jamesriverassociation.org/>

EPA Releases Report on Green Infrastructure Operation and Maintenance Practices

EPA is releasing a report that examines the operation and maintenance practices of several green infrastructure projects funded by the Clean Water State Revolving Fund under the American Recovery and Reinvestment Act and identifies trends and common elements shared by the various projects. The report provides information to communities and operators on funding programs to help ensure that green infrastructure projects are operated and maintained to optimize long-term performance and effectiveness. To view a copy of the report, please visit:

http://water.epa.gov/grants_funding/cwsrf/upload/Green-Infrastructure-OM-Report.pdf.

Permitting Green Infrastructure: A Guide to Improving Municipal Stormwater Permits and Protecting Water Quality

Like many sources of water pollution, stormwater generally falls under the prohibitions and requirements created by the federal Clean Water Act. For over a dozen years, these requirements have found their way into permits for municipal storm sewer systems. Unfortunately, these permits have not done enough to stem the flow of stormwater pollutants into our urban waters. Truly protecting, and restoring, our waters will require a different approach to stormwater permits, one that emphasizes building homes, businesses, and communities in ways that reduce the amount of stormwater running off of parking lots, streets and rooftops. This guide is intended to be a resource for community and watershed advocates that provides clear examples of new stormwater permits that encourage or require "low impact development" or "green infrastructure." These permits represent an emerging new generation of regulatory approaches and reflect the emerging expertise of water advocacy organizations, stormwater professionals and permitting agencies. Our goal is to provide information about new trends in stormwater permitting and examples of permits that demonstrate leadership toward standards that will build green infrastructure and compliance with water quality standards. With this tool, we hope to inform and inspire continued progress toward stormwater permitting and management that protects our rivers and other shared waters, invigorates healthy communities, and provides cost-effective solutions for stormwater managers. The guide is organized as a matrix that combines model permit language along with excerpts from comment letters that have helped to drive this evolution. The concerns raised by watershed advocates, and the support they often provide to state permit agencies, frequently have been instrumental in shaping better stormwater permits. We hope that providing examples of the expertise shown by both communities that we can inform a broader movement toward better control of urban stormwater. [Download Permitting Green Infrastructure \[PDF\]](#)

Report Released: "Water Resources Utility of the Future: A Blueprint for Action"

The clean water paradigm in the United States is changing. The Water Resources Utility of the Future will transform the way traditional wastewater utilities view themselves and manage their operations. They also will transform their relationships with their communities and their contributions to local economies. This report presents the clean water industry's vision for the future as well as a series of actions that will help deliver our vision. It is jointly released by the National Association of Clean Water Agencies (NACWA), the Water Environment Research Foundation (WERF) and the Water Environment Federation (WEF). The audience for this report includes federal policy-makers, local utility managers, private sector interests, and state and local governments.

<http://www.wef.org/WorkArea/DownloadAsset.aspx?id=12884902711>

Best Management Practices (BMPs): The Maintenance Element – Part 3

By John Moll, CEO, CrystalStream Technologies – The first two installments of this series dealt with the proper design and installation of stormwater BMPs. While there are plenty of poorly designed BMPs in operation, and just as many well-designed BMPs that were installed properly, our field crews find that the major shortcoming of all our water quality efforts can be attributed to the lack of proper maintenance. No matter how carefully the design professional works to make an approvable and effective BMP, or how meticulously the contractor works to get the installation exactly right, there is one further step needed to assure that the promise of improved water quality is realized. That final step is a good inspection, maintenance and cleaning program that's tailored to that specific BMP. The lack of post-construction attention to this aspect of water quality is a black eye for an otherwise effective process. Read article... [http://www.waterworld.com/articles/2013/03/bmp-maintenance.html?cmpid=\\$trackid](http://www.waterworld.com/articles/2013/03/bmp-maintenance.html?cmpid=$trackid)

[Read part 1 > Best Management Practices \(BMPs\): The Design Element](#)

[Read part 2 > Best Management Practices \(BMPs\): The Installation Element](#)

First Things First: Framework Provides Integrated, Priority-Driven Approach to Wet Weather Management

BY ANGELA GODWIN, CHIEF EDITOR WATERWORLD – Here's what you, as wastewater professionals and stewards of the environment, already know: meeting the obligations of the Clean Water Act, protecting your community from public health threats, maintaining your current infrastructure, and fixing unexpected failures - all while simultaneously trying to keep rates affordable for your customers - is a Herculean task. Here's what you may not know: U.S. EPA is listening. Read article...

<http://www.waterworld.com/articles/print/volume-29/issue-02/editorial-features/first-things-first.html>

Stocking Trout Ponds in Pennsylvania

Trout occupy a highly favored position among Pennsylvania game fishes. They are generally easy to catch, making them an outstanding sportfish, and they taste great for dinner! If you have a pond and want to stock it with trout there are a few things you need to think about. Read more...

http://extension.psu.edu/water/discovery-watersheds/news/2013/stocking-trout-ponds-in-pennsylvania?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+agsci-water-watershedwinds+%28Penn+State+Watershed+Winds+Newsletter%29

NEW RESOURCE Private Landowners Network

Resources First Foundation connects people to conservation through the [Private Landowner Network](#), an extensive online database of conservation resources and information. [Resources First Foundation](#) engages with and educates farmers, forest owners, and ranchers throughout the U.S. to inspire sustainable business and conservation practices. By supporting private landowners, who are the best and most efficient stewards of our land, you will help play a role in conservation and natural resource protection. [Click here to view this newsletter in your browser.](#) <http://www.privatelandownernetwork.org/>

Proposals Currently Open for Comment

Date Published In PA Bulletin	Proposal	Comment Deadline
2/2/2013	Air Quality Title V Fee Amendment (25 Pa. Code Chapter 127) PA Bulletin Notice	4/8/2013
3/9/2013	Nutrient Credit Trading Program; Notice of Certification Requests PA Bulletin Notice	4/8/2013
3/23/2013	Draft Technical Guidance: Use of Reclamation Fill at Active Noncoal Sites (DEP ID: 563-2000-301) PA Bulletin Notice	4/22/2013
3/23/2013	Clean Air Interstate Rule; Proposed 2013 Allocation of Remaining 2012 Vintage Nitrogen Oxides Allowances Set Aside to Offset Sulfur Dioxide Emissions from Qualifying Units PA Bulletin Notice	4/22/2013
3/23/2013	Clean Air Interstate Rule; Proposed 2017 Annual and Ozone Season CAIR Nitrogen Oxides Allowance Allocations; Proposed Extension of CAIR Nitrogen Oxides Set Aside Program for Offsetting Sulfur Dioxide Emissions; and Proposed Redistribution of 2011 Allowances for Certain Facilities PA Bulletin Notice	4/22/2013
3/30/2013	Proposed Revision to the State Implementation Plan to Update the Motor Vehicle Emissions Budgets in the Reading Eight-Hour Ozone Maintenance Area; Public Hearing PA Bulletin Notice	4/30/2013

