

WAY E-NEWS

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



Monday, August 12, 2013

A PUBLIC-PRIVATE PARTNERSHIP

Volume 13, Issue 16

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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

WATERSHED ALLIANCE NEWS

Ag Land Preservation Board of York County - 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/>

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

Codorus Creek Watershed Association - www.codoruscreek.net

- Oct 14 – Meeting of Members and Board, 7:00 pm, at York Water Co. (Mt. Rose Ave.). Strategic planning initiative. It is essential that all members attend.
- Contact: Jim Leaman at 843-2929

Codorus Endowment Implementation Committee - 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 Wernitz, Codorus state Park Ph: 717-637-2816; E-mail: codorussp@pa.gov

Conewago Canoe Club - 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/>

- Contact Lee McDaniel at ldmcdaniel@aol.com.

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

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

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

- Event calendar <http://www.dcnr.state.pa.us/Calendar/list.asp>
- Contact Elizabeth Kepley, Environmental Education Specialist, DCNR Bureau of State Parks. Ph: 717-432-5011

Gunpowder Valley Conservancy - www.gunpowderfalls.org

- Aug. 17 – Rain Barrel Workshop, Holly Neck; 10:00 AM – 12:00 Noon
- Aug. 24 – Adopt-A-Stream Training, Cromwell Valley Park; 10:00 AM – 1:00 PM
- Sep. 14 – Trail Maintenance Workshop; Gunpowder Falls State Park; 9:30 AM – 2:30 PM
- Sep. 14 – Dam Jam, Loch Raven Reservoir; 10:00 AM – 4:00 PM
- Sep. 21 – AN EVENING ON THE RIDGE. The 4th Annual Fundraiser; Oregon Ridge Nature Center; 5:00pm-8:30 pm
- 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 - www.hornfarmcenter.org

- Foraging Innovation Class; 10am -12pm – Foraging is the act of finding and gathering wild foods. There are many green things that are safe and delicious, and easy to find once you know what to look for. Join us for this popular monthly foraging class at the Horn Farm Center. Classes will be held every 3rd Saturday at 10am and are led by Jonathan Darby and Nathan Carlos Rupley as well as other area foragers and plant aficionados. [READ MORE>](#)
- Sep. 28 – MARK YOUR CALENDAR! Homesteading Education Day at the Horn Farm Presentations and Demonstrations of self-sufficiency skills.
- 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 - 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

- 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/>

- Sep 9 – Upcoming meeting, which will be held in Havre de Grace and will be a follow-up to our meeting last December on the Conowingo Sediments .5:30 p.m. Lower Susquehanna River Watershed Assessment Update: a short list of potential solutions for the Conowingo Sediments
- Contact: Rupert Rossetti, Tributary Team Coordinator, e-mail: 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.
- Next meeting Aug 25 at Otter Creek (YHC cabin), details to be announced later
- Contact: James Hooper at 717/252-3784 or j.e.hooper@ieee.org

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

- Aug. 23 Sustainable Landscaping Tour – Tour four local sustainable landscapes and talk with the experts. In partnership with the Chesapeake Sustainable Landscapes Council. Who should attend? All Green Industry professionals! Tickets available at Penn State Coop Extension – York 840-7408. <http://www.chesapeakekandscape.org/event/conservation-landscaping-field-day-and-tour>.
- Contact: 717-840-7408 or Connie Schmotzer at cxs51@psu.edu

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

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

Prettyboy Watershed Alliance – www.prettyboywatershed.org

- "From Falls to Faucet" An exploration of the Baltimore's world class water system. Saturday, September 21, 2013 - 9:00am - 5:00pm.
- 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/>

- Aug. 24 & Sep. 24 – 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.
- Mark your calendars for the 2013 Events:
 - Susquehanna River Cleanup, Saturday, Sept. 21st
 - "See the Leaves" Bike Ride Outing, Sunday, Oct 13th
 - Adopt-a-Highway Cleanup, Saturday October 19th, 8:30 am, Route 283/HIA Airport Connector
 - Holiday Party, Friday, Dec 13th
- 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

- 9th Mother Earth Harvest Moon Fair takes place Sunday, September 22, 2013, 10am-5pm, in Glen Rock, PA. GET READY!!! THE MOTHER EARTH HARVEST MOON FAIR IS COMING! Family Fun! Healthy Cooking and Food! Music, Crafts & Creativity! Come celebrate the cycles of nature at Spoutwood!
- 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

- **Mark Your Calendar - Chapter Picnic!** - We're bringing back the annual chapter picnic! Please join us Saturday, August 24th at 12:00 on the banks of the Codorus at Laughman's Sawmill pavilion. A tackle swap and other fun stuff is on the agenda. We'll be firing up the grill and icing the beverages, but your favorite covered dish would sure be welcomed. Hope to see you there!
- 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

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

- Meetings are the third Wednesday of each month. Summer meetings are held at the Co-op Nursery, Winter meetings at the Collinsville Fish & Game Club.
- 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

- Oct.2 – 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 (1,850). 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

- Oct 6 YBWA Annual Community Gathering – Program to be determined. Lower Allen Township Community Barn on Lisburn Road. 1PM to 6PM.
- Contact: Deborah Goetz, at deborah.p.goetz@gmail.com or phone 717-697-4734

[York-Adams Pharmaceuticals Stewardship Alliance](#)

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

[York-Adams Regional Smart Growth Coalition](#) – 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/>

- Sep. 9 – Melinda Hughes-Wert shares the mission of a national organization dedicated to making our planet a healthier place through volunteerism. Her presentation is titled "Nature Abounds". Luther Memorial Church, 7:00 p.m.
- Sep. 16 – Raptor migration trip to Waggoner's Gap with leader Dick Humbert. Call Dick at 266-1864 for details.
- Sep. 28 & 29 – Overnight bus trip to Maryland's Eastern Shore, focusing on migrating birds at Blackwater National Wildlife Refuge. A variety of options have been planned by Nature Stabler Co. of Hanover.
- YAS monthly meetings are held at: Luther Memorial Church, 1907 Hollywood Drive, York, PA 17403.
- Contact Tom Smith at 717-246-9767 or tjs35@psu.edu.

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

- Oct. 5 – 2013 Sporting Clays Shoot York County Envirothon Fundraiser!
- 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](http://www.YorkCountyParks.org) – www.YorkCountyParks.org

- Aug 17 – Kain Park & Lake Redman Cleanup, 9:00 – 11:30 AM
- [2013 Sunset Scrambler Bike Rides](#) Tuesdays April - September 3
- [2013 Moonlight Bike Rides](#) Aug. 17 & Sep. 14
- [Fall Small Wonders Flyer](#) and [Registration Packet](#) September 11, 18, 25 and October 2,9
- [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. Web: www.YorkCountyParks.org.

[York County Planning Commission](http://www.ycpc.org) – 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/) – <http://www.ycswa.org/>

- Contact YCSWA at 717-845-1066



WATERSHED EDUCATION & OUTREACH

Walking on water

If you thought carbon footprinting was tough, wait till you get to water. With supplies falling fast, smart companies are seeking ways to shrink their thirst. Look around you: at home, in the office, on the train, in the cafe... Almost everything you see took significant amounts of [water](#) to produce, source or transport. We depend on this precious resource for our health, our food, our infrastructure and industry. But until now, we've taken its abundant supply for granted, and paid very little for the privilege. These days of plenty will soon be over. Consultants McKinsey predict that by 2030 global water requirements will have grown from 4,500 billion m3 today to 6,900 billion m3. Such a hike means demand will exceed our current reliable and accessible supplies by 40%. And these are becoming increasingly unreliable as climate change kicks in. So who will feel the pinch? The answer's simple: we all will – and not just because of headline-hitting drought. Supply chains for everything are at risk: from food to clothing, from cosmetics to concrete. Heavy industry needs water pressure to slice through steel; data warehouses need a constant flow to keep the servers cool. Read more... http://www.theguardian.com/sustainable-business/water-footprinting-local-issue?utm_source=twitterfeed&utm_medium=twitter&goback=%2Egde_2689576_member_260801202

iConservePA.org Video: 75 Trillion Gallons Of Groundwater In PA

Take a look at groundwater with DCNR's Bureau of Topographic & Geologic Survey's Stuart Reese as he looks at how much groundwater Pennsylvania has, where it comes from, and why it's so important to the water cycle. [Click Here](#) to watch this new [iConservePA.org](http://www.iConservePA.org) video.

What are two things that could prevent your well from becoming contaminated?

Pennsylvania is one of only two states that do not have mandatory statewide construction standards for private water wells. As a result, some important components of a properly constructed drinking water well are often not installed in an effort to reduce the cost of the well to the homeowner. The most important features missing from most private wells are a sanitary well cap and a grout seal. These components are required by most states because they help protect groundwater by sealing the well from potential surface contamination. Read more...

http://extension.psu.edu/natural-resources/water/discovery-watersheds/news/2013/well-caps-grouting?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+agsci-water-watershedwinds+%28Penn+State+Watershed+Winds+Newsletter%29

Cover crop use growing as corn/soybeans acreage on upswing

Delta Farm Press – A newly-released survey shows that cover crop usage by farmers is on the upswing. The survey is the work of the

Conservation and Technology Information Center and USDA's Sustainable Agriculture Research and Education program. Among the findings was the significance of yield impacts after cover crop adoption. Surprisingly, the yield difference was larger in the driest states. Read survey ... <http://deltafarmpress.com/management/cover-crop-use-growing-cornsoybeans-acreage-upswing>

Sediment Trapped Behind Dams Makes Them 'Hot Spots' for Greenhouse Gas Emissions

Science Daily – With the "green" reputation of large hydroelectric dams already in question, scientists are reporting that millions of smaller dams on rivers around the world make an important contribution to the greenhouse gases linked to global climate change. Their study, showing that more methane than previously believed bubbles out of the water behind small dams, appears in ACS' journal *Environmental Science & Technology*. Andreas Maeck and colleagues point out that the large reservoirs of water behind the world's 50,000 large dams are a known source of methane. Like carbon dioxide, methane is one of the greenhouse gases, which trap heat near Earth's surface and contribute to global warming. Methane, however, has a warming effect 25 times more powerful than carbon dioxide. The methane comes from organic matter in the sediments that accumulate behind dams. That knowledge led to questions about hydroelectric power's image as a green and nonpolluting energy source. Maeck's team decided to take a look at methane releases from the water impoundments behind smaller dams that store water less than 50 feet deep. They describe analysis of methane release from water impounded behind six small dams on a European river. "Our results suggest that sedimentation-driven methane emissions from dammed river hot spot sites can potentially increase global freshwater emissions by up to 7 percent," said the report. It noted that such emissions are likely to increase due to a boom in dam construction fostered by the quest for new energy sources and water shortages. The authors acknowledge funding from the German Research Foundation

Climate Change Threatens U.S. Estuaries

Science Daily – The nation's 28 National Estuarine Research Reserves (NERR) are experiencing the negative effects of human and climate-related stressors, according to new NOAA research. The national study, *Climate Sensitivity of the National Estuarine Research Reserve System*, points to three East Coast reserves (Sapelo Island NERR in Georgia, ACE Basin NERR in South Carolina and Waquoit Bay NERR in Massachusetts) and the Tijuana River NERR on the California-Mexico border as the most sensitive to climate change. Estuaries are places where rivers meet the sea, providing nursery habitat for fish and shellfish while buffering many coastal communities from the impacts of coastal storms and sea level rise. The climate exposure of each reserve provides 'first alarm' indicators about the effects of climate change on coastal ecosystems. Ongoing research at each of the reserves provides real-time data about how climate change impacts these important natural resources. Researchers determined the extent of relative climate sensitivity in the reserves by looking at five factors: social, biophysical, and ecological sensitivity, and exposure to temperature change and sea level rise. Key Findings

- Reserve ecological resilience was examined and the key underlying estuarine stressors were found to be toxic pollutants, storm impacts, invasive species, habitat fragmentation, sedimentation, and shoreline erosion. The most frequently identified factors contributing to these stressors included residential development, land use, population growth, wastewater treatment and sea level rise.
- High social sensitivity to climate change was indicated where there is higher employment within natural resource-dependent industries, lower per capita income and median home values, higher percentages of minority populations, and a higher percentage of individuals lacking a high school education. Social sensitivity to climate change was generally highest in the southern portions of the East and West coasts of the U.S., the Gulf of Mexico, and Alaska.
- Biophysical sensitivity summarizes each reserve's relationship between annual spring atmospheric temperature, rainfall data, and water quality factors such as water temperature, dissolved oxygen, and pH. Temperature change exposure risk was greatest for reserves located in the Great Lakes, Gulf of Mexico, Mid-Atlantic, and Northeast regions of the country, while reserves in the Gulf of Mexico, parts of the Mid-Atlantic, Southeast, California, and Oregon showed the greatest risk of sea level rise exposure.

For further information, see <http://oceanservice.noaa.gov/news/weeklynews/aug13/nerrs-climate-report.html>

Natural Swimming Pools Also Get Contaminated

Science Daily – The use of natural pools – those that do not use chlorine or other chemical disinfection products – has seen an upward trend in recent years. Now, scientists from the University of Barcelona have discovered faecal contamination in some pools due to droppings from birds and other animals. As such, they recommend investigating the scope of the problem and determining the microbiological parameters that would ensure that people can bathe healthily. Researchers at the University of Barcelona (Spain) have analysed four natural swimming pools in Catalonia to test the water quality in these artificial water bodies, which are treated with mechanical and biological filters – with plants, for example – but not chemical ones. The results show that three of these pools exceeded the recommended limits for *Escherichia coli* and faecal enterococci, as published in the 'International Journal of Hygiene and Environmental Health'. Read more...

<http://www.sciencedaily.com/releases/2013/08/130808092053.htm>

Draft Of New, Multi-State Chesapeake Bay Watershed Agreement Available For Comment – Aug 15

The Chesapeake Bay Program has developed a draft [Chesapeake Bay Watershed Agreement](#), which outlines new goals and outcomes that will guide partners in the protection, restoration and stewardship of the Chesapeake Bay and which is open for public input until August 15. The Bay Program has used agreements like this one to lead three decades of Bay restoration and protection, from the first Chesapeake Bay Agreement written in 1987 to Chesapeake 2000, which established more than 100 goals to reduce pollution, restore habitats, protect living resources and engage the public in environmental conservation. The high-level goals and measurable targets found in the latest agreement address water quality, Bay fisheries and habitat, land conservation and public access. An abridged draft of the Chesapeake Bay Watershed Agreement [is available online](#); stakeholder input will be solicited again when a complete draft has been developed. Interested parties can offer input by submitting an online comment or an email to the Bay Program.

Andrew Dehoff Named New Susquehanna River Basin Executive Director

The [Susquehanna River Basin Commission](#) Wednesday announced the appointment of Andrew D. Dehoff as its new executive director. He succeeds Paul O. Swartz, who served as SRBC's executive director since 1992. Dehoff was selected from 51 applicants for the position to serve as the third executive director in the agency's 42-year history. His appointment becomes effective on September 19, 2013. Having held progressively responsible positions with SRBC, Dehoff began his employment there as a water resources engineer in 1995. Most recently, he served as SRBC's Project Review Manager, a position in which he was responsible for the technical review of applications for all water use projects requiring SRBC's approval. In that capacity, Dehoff oversaw the development of online applications and implemented guidance

documents to improve the efficiency of the review of applications. Dehoff, a resident of Harrisburg, Pa., holds a Bachelor of Science and a Masters in Engineering from the University of Virginia and is a Registered Professional Engineer in Pennsylvania.

Participate In 5 Minute Pennsylvanians And Their Water Survey – Aug 31

Water is worth it! From the water we drink, to the crops we irrigate, and to the lakes we swim in – Pennsylvania's water supply is vital and worth protecting. The [Pennsylvania Water Resources Research Center](#) has partnered with [Penn State Cooperative Extension](#), [Sea Grant Pennsylvania](#), and the [PA American Water Resources Association to conduct a survey](#). We aim to collect opinions on water issues from a large number of Pennsylvania residents (ages 18+). This informal survey is intended as a public engagement project and does not necessarily represent a statistical sampling of opinions. The 5-minute survey can be completed until August 31 and [is available online](#).

Grass Clippings and Stormwater

With the rain that occurred over the past month, many of us have had to mow our lawns more often. These heavy rains can also contribute to grass clippings ending up in storm water runoff. Grass clippings that are blown into the street eventually enter the street storm drain. When lawn clippings, fertilizers, soil, leaves, or animal wastes, are picked up by storm water runoff, they are carried directly to our local streams and lakes. All of these materials including grass clippings contain phosphorus. Read more... http://extension.psu.edu/natural-resources/water/discovery-watersheds/news/2013/grass-clippings-and-stormwater?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+agsci-water-watershedwinds+%28Penn+State+Watershed+Winds+Newsletter%29

FINAL CALL to participate in the 2013 Mother Earth Harvest Moon Fair at Spoutwood Farm

Please consider returning to Spoutwood and being part of the Harvest Fair this year. Be a part of a growing community working together to build a just and lasting peace within ourselves, our communities, and on Earth. The Mother Earth Harvest Moon Fair demonstrates our interconnected and sustainable partnership with nature and one another. The 9th Annual Mother Earth Harvest Moon Fair will be held at Spoutwood Farm in Glen Rock, PA on Sunday September 22nd, 2013 from 10:00 am – 6:00 pm rain or shine. A celebration of Spoutwood Farm's commitment to healthy living on healthy land, this revival of American's country fair traditions offers up good, old fashion family fun. It is a celebration of the harvest season's bounty and nature at its finest. This year's fair offers many experiential workshops. Fantastic local musicians will perform live throughout the day. Food and farm vendors will be on site providing a delicious assortment of tasty fare to eat on site and to take home. And many other activities! This year the festival springboards off last year's successful hands on focus adding many workshops. Spoutwood will be hosting a variety of Harvest Fair themed workshops on Saturday, the day before the fair, as well. Spoutwood will still allow vendors set-up that day. And please consider registering for a workshop after you set up! The Mother Harvest Moon Fair will be a true Celebration of Life in York County. Spoutwood Farm Center is a 501 (c) (3) non-profit educational farm located in Glen Rock, PA, 45 minutes from Baltimore, Lancaster, Harrisburg and Gettysburg. For further info, check the website www.spoutwood.org, call 717-521-2247 or email spoutwood@comcast.net



WATERSHED FACILITATION ASSISTANCE

Capital RC&D Hosts CREP Landowner, Maintenance Contractor Buffer Walk – Aug 13

[A buffer walk for landowners](#) and landscape contractors intended to help both understand issues involved in working in environmentally sensitive streamside buffer areas and help landowners identify appropriate contractors will be held on August 13 in Waynesboro, Pa. This field walk, sponsored by the [Capital Resource Conservation & Development Area Council](#), will give participants an opportunity to review a professionally maintained riparian buffer enrolled in the [Conservation Reserve Enhancement Program \(CREP\)](#) and learn about the steps necessary to keep a buffer in top condition. This session will be offered from 5:00 – 7:00 p.m. on August 13 in Waynesboro, PA at a CREP buffer maintained by the Washington Township Supervisors. The evening event will conclude with a meal and an opportunity for participants to learn tips for working with a landscape maintenance contractor and meet with other landowners and contractors. Staff from FSA, NRCS and Capital RC&D will lead the event and be available to address questions. Landowners with stream frontage are encouraged to participate along with CREP enrolled landowners and landscape maintenance contractors. USDA-Farm Service Agency and USDA-Natural Resources Conservation Services staff will address the compliance, management and re-enrollment components of CREP. Rebecca Wertime, Capital RC&D CREP contractor, will discuss weed identification and management techniques to reduce weed pressure, encourage natural regeneration and wildlife habitat. This free session will take place rain or shine in Waynesboro, PA, starting from the Renfrew Park Pavilion, on August 13 from 5:00 p.m. – 7:00 p.m. Registration is requested by noon on August 12 and directions to the event site with agenda details will be provided in registration confirmation. Funding support has been provided by the National Fish and Wildlife Foundation. For more information or to register, contact Cheryl Burns at Capital RC&D by calling 717-241-4361 or send email to: cburns@capitalrcd.org. [Online registration](#) is available.

FREE Stewardship Network Webcast "Fall Preparations for Spring Invasives Control Work" – Aug 14

Presentation by: Chris Evans, Coordinator of the Invasives Species Campaign of the Illinois Wildlife Action Plan; and Lisa Brush, The Stewardship Network. Date: Wednesday, August 14, 2013. Time: 12 noon to 1pm Eastern. [Click here to view webcast!](#) (Link will become live day of webcast). Stewardship, including invasive species management, is a year-round endeavor. Each season brings different challenges and new opportunities. Knowing the correct timing for conducting invasive species work can greatly increase efficiency and reduce costs. When you think of invasive species work for fall, you typically think of treating woody invasive plants. However, there are a lot of other tasks that need to be completed in preparation for spring work. In this webcast, we'll cover some of the basic tasks that managers and stewards can do in the fall to prepare for next year's invasive species work, including scouting, mapping, firebreak installation, equipment maintenance, and planning.

Sustainable Communities HotReport Webinar – Aug 21

How well is your community performing on transportation, housing, economic development, income, and equity? Wednesday, August 21, 1:00 - 2:00 Eastern. The [Sustainable Communities HotReport](#) is a new web-based tool that gives community leaders and residents a quick and easy

way to determine how well their community is performing on a variety of sustainability indicators, including transportation, housing, economic development, income, and equity. Produced by the U.S. Census Bureau and the [HUD-DOT-EPA Partnership for Sustainable Communities](#), the tool can help communities measure their own performance and compare themselves to communities of a similar type. Speakers from EPA, the U.S. Census Bureau, and the Mid-America Regional Council will walk through the tool and help participants understand how it can help communities achieve their sustainability goals. Details on how to access this webinar are provided below.

Conservation Landscaping Field Day and Tour – Aug 23

Mark your calendar now for the Conservation Landscaping Regional Tour, York County, PA Friday, August 23, 2013; 8:30 a.m. to 4:15 p.m. CO-Sponsored by Penn State Extension. For landscape architects, landscape designers, contractors, land planners, municipal officials, and other professionals in the landscape design and installation field. Visit 4 sites that illustrate the Eight Essential Elements of Conservation Landscaping which include environmentally sensitive design, conservation of water, use of native plants to create wildlife habitat

- Public building landscaped with native plants and 2 rain gardens
- Private property with restored woodland and stream
- Suburban home that utilizes a rain garden and native meadow plants to manage storm water
- A development detention basin transformed for wildlife habitat

Each site features a special speaker with technical expertise: Mary Kline, RLA; Mike Hollins, Envirens, Inc. Claudia West, North Creek Nursery; and Tom Smith, Penn State Extension. Qualifies for 5 1/2 CEU's –Pennsylvania Certified Horticulturist. Tickets \$40. Registration deadline is August 17. <http://www.chesapeakelandscape.org/event/conservation-landscaping-field-day-and-tour>.

Register Your Events Now For International Coastal Cleanup – Sep 1 – Oct 31

[Keep PA Beautiful](#) is urging groups and volunteers to register their events now for the 2013 [International Coastal Cleanup](#) set to run from September 1 through October 31. Your events can help cleanup Pennsylvania's streams, rivers, lakes and any litter area or illegal dumpsite. It does not need to be in close proximity to water, since trash travels in our waterways. Groups who register for ICC events will be eligible for free trash bags and gloves, while supplies last. Nearly 8,000 volunteers from 48 counties across Pennsylvania canvassed their communities to remove over 714,000 pounds of trash and debris from Pennsylvania's waterways and coastal regions during the 2012 International Coastal Cleanup event. For more information [download the event flyer](#) or contact Michelle Dunn at 1-877-772-3673 ext. 113 or send an email to mdunn@keepbeautiful.org to register your local cleanup event or with any questions.

Implementing Green Infrastructure at Multiple Scales – Sep 9

September 9-12, 2013. Location: Shepherdstown, West Virginia. This four-day course presents approaches for on-the-ground implementation of green infrastructure, focusing on how to obtain a maximum return on investment by streamlining and delivering projects at least cost while ensuring enduring viability. The workshop highlights leadership and stakeholder engagement, financing and network management, regulatory issues, and support tools for optimizing the decision-making process. Tuition for this course is \$650. To apply, please complete and submit the online application form by Friday, August 9, 2013.

https://salsa3.salsalabs.com/o/50714/p/salsa/event/common/public/?event_KEY=69307

Smart Growth and Economic Success Webinar – Sep 18

September 18, 3:00 - 4:00 Eastern. This webinar will explore how smart growth strategies at the regional, city, and neighborhood level can maximize economic advantages while creating attractive, healthy communities that help protect the environment. EPA's Melissa Kramer will discuss the report, [Smart Growth and Economic Success: Benefits for Real Estate Developers, Investors, Businesses, and Local Government](#), and speakers from Lehigh Valley, PA, Champaign, IL, and Phoenix, AZ will discuss how smart growth is helping their communities prosper. Details on how to access this webinar are provided below. Please note that [slides](#) for the July 24 webinar, Our Built and Natural Environments, are now available for download. To request the webinar recording, email smartgrowth@epa.gov.

"From Falls to Faucet" An exploration of the Baltimore region's world class water system – Sep 21

Sat, 09/21/2013 - 9:00am - 5:00pm. The Baltimore metropolitan region enjoys some of the highest quality drinking water in the country. To achieve that, Baltimore City and County endured a tumultuous history acquiring clean water sources, reservoirs and filtration systems. To explore some of this history, the Historical Society of Baltimore County presents 'From Falls to Faucet' Guests will disembark at Prettyboy Dam for a brief look and then proceed to the Loch Raven Dam, venturing inside with a guided tour courtesy of the Baltimore City Dept. of Water. Then, we travel south to the Montebello Filtration Plant. Along the route, the tour's research team will provide interpretation of historic buildings and towns. Registration required - deadline is August 18. To register click [here](#). For more information contact the Historical Society of Baltimore County at 410-666-1878 or tourinfo@hsobc.org

8th Annual CHESAPEAKE WATERSHED FORUM – “Beyond BMP's: Strategies for a Restored and Sustainable Chesapeake Watershed”

September 27 – 29, 2013, National Conservation Training Center (NCTC), Shepherdstown, West Virginia. Come and join us as we celebrate the diversity of the Chesapeake watershed with a variety of workshops, networking opportunities and social activities. This is a great event to keep your watershed organization (staff, board, volunteers) or your local government up-to-date in the latest advocacy tools, emerging issues concerning the Chesapeake Bay, land preservation and conservation, planning and regulation, restoration science and engaging local citizens. Registration fee (includes lodging and meals). Registration fee \$205 (\$215 after August 21) includes meals from Friday lunch to Sunday lunch and 2 night's lodging (Friday and Saturday). No lodging rooms are available on-site Thursday night so if you need to arrive early there are plenty of hotels to stay in the Shepherdstown/Harpers Ferry/Hagerstown area. Registration closes on/about Friday, August 30, 2013 so don't delay register today! <https://allianceforthebay.org/our-work/engaging-local-communities/chesapeake-watershed-forum/>

2013 Susquehanna Water Science Forum – Oct 7-8

Reminder – Early Bird Registration for the 2013 Susquehanna Water Science Forum ends on August 15, 2013

<http://www.srbc.net/waterscienceforum/registration.htm> . WATER SCIENCE FORUM HOST: Susquehanna River Basin Commission.

WHEN: October 7-8, 2013. WHERE: Camp Hill, PA, Radisson Hotel Harrisburg (reservation cut-off date is September 6, 2013, to guarantee government rate). Forum Homepage <http://www.srbc.net/waterscienceforum/index.htm>. Registration Fees

<http://www.srbc.net/waterscienceforum/registration.htm>. FOR MORE INFORMATION Email: SRBCwaterforum@srbc.net

Keep PA Beautiful Announces America Recycles Day Open Registration – Nov 15

[Keep Pennsylvania Beautiful](#) and Keep America Beautiful announce online event registration is now open for [America Recycles Day](#), a national initiative of nonprofit Keep America Beautiful. This year's America Recycles Day theme, "I Want To Be Recycled," will help to educate people about the importance of recycling to our economy and environmental well-being as well as motivate occasional recyclers to become everyday recyclers. America Recycles Day is a national program of Keep America Beautiful, and is the only nationally-recognized day and community-driven awareness event dedicated to promoting and celebrating recycling in the U.S. Since its inception in 1997, communities across the country have participated in America Recycles Day on November 15 to educate, promote environmental citizenship, and encourage action. Online registration is now open at [AmericaRecyclesDay.org](#) for local organizers to schedule events in their communities and gain access to valuable resources to plan, promote and host an event. To support event organizers, there are best practices guides for hosting events, activity ideas, downloadable posters and banners, media outreach tools, sample proclamations, and much more. Events can be scheduled any time during the fall, but should be held as close to November 15 as possible. America's leading companies are proud to make America Recycles Day possible. National sponsors of America Recycles Day to date are: Anheuser-Busch, the Johnson & Johnson Family of Consumer Companies and Waste Management. To learn more, visit the [America Recycles Day](#) website.

Maryland Water Monitoring Council will hold its 19th Annual Conference – Dec 5

The Maryland Water Monitoring Council will hold its 19th Annual Conference at the Maritime Institute, North Linthicum, Maryland, on Thursday, December 5, 2013. The theme of the one day conference is Conserving Maryland's High Quality Waters - from Monitoring to Action. Registration will begin at 7:30 AM and the conference will adjourn at 4:30 PM. The morning plenary session will include talks by Elizabeth Buxton of the Maryland Environmental Trust and Tom DeMoss, formerly of USEPA. Concurrent session topics currently include Land Conservation and Water Quality Benefits, Volunteer Monitoring and Stewardship, USEPA's Healthy Watersheds Initiative, Maryland's Coldwater Habitats, Environmentally Friendly Landscapes, Headwater Streams, Dam Removal in the Patapsco River, and Maryland's Stormwater Fee. The early-bird registration fee (deadline - November 17, 2013) is \$55 and includes lunch, breaks, and conference materials. After November 17, the registration fee is \$70. The early registration fee for presenters is \$50. Discounts for full-time students and members of non-profit organizations are also available on a first come, first served basis by request. See [www.marylandwatermonitoring.org](#) for updates on the Council and the Annual Conference.



WATERSHED FINANCIAL ASSISTANCE

Financing Urban Retrofits via a Public-Private Partnership

In early July, the White House Council on Environmental Quality (CEQ) hosted a meeting on Financing the Water Infrastructure of the Future. The meeting focused on innovative financing mechanisms, particularly tapping into the resources of the private sector through public-private partnerships (P3s). Traditionally, water and wastewater infrastructure has been funded through municipal bonds, with help from U.S. Environmental Protection Agency (EPA) State Revolving Loan funds. While stormwater is typically funded either through its limited share of local general funds or stormwater utilities. However, new financing mechanisms are necessary to upgrade the nation's water infrastructure, which is in need of an EPA-estimated \$635 billion investment during the next 20 years. This is certainly the case in the Northeast, where Chesapeake Bay states must significantly reduce nitrogen, phosphorus, and sediment over a short timeframe as part of the bay's "pollution diet." Adapting the P3 model – To meet its obligations under the Chesapeake Bay total maximum daily load, Prince George's County will retrofit about 3240 ha (8000 ac) of existing impervious surfaces at an estimated cost of \$1.2 billion. To fund these projects, the county has established an innovative P3 pilot program, which Coffman presented at the CEQ meeting. Planning for the Prince George's County P3 program began in January, although it has been in the works for 2 years as part of the county's regulatory plan. The pilot program will likely launch this fall. The program will start with the retrofit of 809 ha (2000 ac.) of impervious surfaces in the public right of way. The company selected will provide financing capabilities. It will fund about 30% to 40% of the program costs upfront, enabling project construction to begin sooner and proceed more quickly. Read more... http://stormwater.wef.org/2013/07/financing-urban-retrofits-via-a-public-private-partnership/?goback=%2Egde_4807366_member_262610864

Susquehanna Riverlands Conservation Landscape Initiative Grants Seminar – Aug 22

The Susquehanna Riverlands Conservation Landscape Initiative will be offering a grants seminar for recreation and conservation projects on August 22, 2013 from 2:00pm-4:00pm at John Wright Restaurant's River Room Banquet Hall, located at 234 North Front Street, Wrightsville, PA 17368. Light refreshments will be available. Please RSVP to nebersole@lancasterconservancy.org by August 19, 2013. The seminar is open to all Municipalities, Municipal Authorities, and 501(c)(3) groups in Lancaster and York County. The Lancaster County Conservancy, DCNR, and the partners of the Susquehanna Riverlands invite you to learn about various grant opportunities and how to match grant money with other compatible funding sources; interact with funders one-on-one; and hear from representatives of completed projects that have utilized these funding sources. Representatives from DCED, DEP, DCNR, and PENNVEST have been confirmed with others invited. Participants will also learn about current initiatives of the Susquehanna Riverlands Conservation Landscape.

CDBG-DISASTER RECOVERY (CDBG-DR) PROGRAM FY 2012 ALLOCATION – Aug 23

The CDBG-DR guidelines and application kit are available on the Department's website. The program is for the 36 counties designated under the Presidential Declaration from damages caused by Hurricane Irene and Tropical Storm Lee in September of 2011. These counties are identified in the application kit and guidelines. The application kit and guidelines can be accessed by clicking on the following link: <http://www.newpa.com/find-and-apply-for-funding/funding-and-program-finder/community-development-block-grant-disaster-recovery> Applications will be due by close of business (COB) on August 23, 2013. An electronic single application must be completed as well as a paper copy of the application postmarked no later than August 23, 2013 and submitted to DCED, Center for Community Financing. DCED intends to conduct a webinar to assist municipalities on the completion of an application for assistance the week of July 29, 2013. Any municipality applying for funds is strongly encouraged to attend the webinar. If you are interested in participating in the webinar, please provide your NAME, E-MAIL ADDRESS (Please confirm by providing the address twice) and a phone number to Angela Sieber at

ansieber@pa.gov. The following documents should be reviewed prior to completing the application and can be found on the Department's website at the following link: <http://www.newpa.com/fed-library-cdbg-dr>

- Commonwealth's Action Plan
- Federal Register Notices referenced in the Action Plan
- Application Guidelines and Kit

Please note that any reference in the application to CDBG program is a reference to the CDBG-DR program as well. If you have questions, prior to the webinar, you may e-mail your questions to Denrico@pa.gov

EPA Providing Funding to Assist Small Water and Wastewater Systems – Sep 16

Deadline Sep. 16, 2013. EPA will award up to \$12.7 million for projects to provide training and technical assistance to small public water systems, small publicly-owned wastewater systems, and communities served by onsite or decentralized wastewater systems, and private well owners. More than 97 percent of the nation's 157,000 public water systems serve fewer than 100,000 people and more than 80 percent of these systems serve fewer than 500 people. Many small systems face unique challenges in providing reliable drinking water and wastewater services that meet federal and state regulations. These challenges can include a lack of financial resources, aging infrastructure, management limitations and high staff turnover. The funding will help provide water system staff with training and tools to enhance system operations and management practices, achieve and maintain compliance with the Safe Drinking Water Act and support EPA's continuing efforts to protect public health and promote sustainability in small communities. For more information:

http://water.epa.gov/grants_funding/sdwa/smallsystemsrfra.cfm

SUSQUEHANNA RIVERLANDS CONSERVATION LANDSCAPE INITIATIVE MINI-GRANT PROGRAM ROUND TWO – Oct 7

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 October 7, 2013, by 5:00 p.m. Funded projects must be completed by December 31, 2014. Attached is the Grant Announcement, Application, Instructions, and an Example Projects Guide. Should you have any questions, please contact Fritz Schroeder, fschroeder@lancasterconservancy.org, 717-392-7891, ext. 207 OR Nick Ebersole, nebersole@lancasterconservancy.org

Grants Open for Flood and Pre-Disaster Mitigation

The application period for Flood Mitigation Assistance and Pre-Disaster Mitigation is open. FEMA has posted the [Fiscal Year 2013 Hazard Mitigation Assistance Unified Guidance](#) on the website. This guidance covers both grant programs as well as the Hazard Mitigation Grant Program. The Biggert-Waters Flood Insurance Reform Act of 2012 directed FEMA to consolidate flood programs into one program eliminating the Repetitive Flood Claims and Severe Repetitive Loss programs. The consolidated Flood Mitigation Assistance program includes mitigation of severe repetitive loss properties and repetitive loss properties. Please contact your [State Hazard Mitigation Officer](#) for additional information on Pre-Disaster Mitigation and Flood Mitigation Assistance and deadlines for applying.

NSF Graduate Research Fellowship Program (GRFP)

The purpose of the NSF Graduate Research Fellowship Program (GRFP) is to help ensure the vitality and diversity of the scientific and engineering workforce of the United States. The program recognizes and supports outstanding graduate students who are pursuing research-based master's and doctoral degrees in fields within NSF's mission. The GRFP provides three years of support for the graduate education of individuals who have demonstrated their potential for significant achievements in science and engineering research. Please note that the following information is current at the time of publishing. See program website for any updates to the points of contact. Applications, contact: GRF Operations Center, telephone: (866) 673-4737, email: info@nsfgrfp.org.

http://www.nsf.gov/pubs/2013/nsf13584/nsf13584.htm?WT.mc_id=USNSF_25&WT.mc_ev=click



WATERSHED TECHNICAL ASSISTANCE

Natural Flow Regime and Ecological Integrity

In July 2013, the United States Geological Survey^[1] (USGS) released Circular 1391 titled, "The Quality of our Nation's Waters – Ecological Health in the Nation's Streams, 1993-2005". Circular 1391 reported the approach and findings of multiple community assessments conducted in streams throughout the US. Based on its application of integrated biological assessment (i.e., combined analysis of algae, macroinvertebrate, and fish communities), USGS concluded that at least one among these three biological communities was altered^[2] in 83% of the assessed streams; while all three biological communities were altered in 22% of the streams considered. The biological impairment USGS catalogued range from 79% in agricultural settings to 89% in urban settings. A biological community was deemed unaltered in just 17% of the assessed streams. Read more... <http://pubs.usgs.gov/circ/1391/pdf/circ1391.pdf>

Use of Diatoms for River and Stream Biomonitoring

Should anyone wish to use or already be using diatoms for stream or wetland condition assessment, herewith links to some of the tools we have produced here in South Africa:

- Methods Manual for Sample Collection, Processing and Analysis: <http://bit.ly/16Szcw>
- Taxonomic key to Commonly Occurring Diatoms: <http://bit.ly/1b4HZbT>
- LUCID-based software taxonomic key: <http://bit.ly/1bTlyTU>

Online tool called Streamer that might make your job easier

The Department of the Interior has just released an online tool called [Streamer](#) that might make your job easier—or, at the very least, should provide some brief diversion as you check it out. Its purpose is simple, and something you may have already done on your own for the streams and rivers in your own area. The interactive map allows you to trace a stream in either direction—upstream to its source or downstream to where it ultimately empties. It also shows statistics for the stream, such as its length, political jurisdictions it passes through (states, counties, and cities), origin elevation, and other information. A more detailed report also shows all the US Geological Survey's stream gages for that

stream. Streamer is an easy way to demonstrate to others—possibly as part of a public education campaign—where local rivers eventually end up, and what’s upstream that might be influencing your local water quality. As various surveys have shown over the years, a majority of people don’t really understand the definition of the watershed (although this might be improving through NPDES Phase II educational efforts); this tool provides an easy visual way to help demonstrate the concept. You can also use the map to show tributaries to a particular stream or river, as was done [here](#) for the Mississippi River, highlighting the 7,000 streams and 1.15 million square miles that drain to it.
<http://www.stormh2o.com/SW/Blogs/1736.aspx>

Outfall Bag Filters for Cost-Effective Nutrient Source Control

The Center recently completed a 15-month monitoring project in Talbot County, Maryland to evaluate the cost-effectiveness of bag filters as a nutrient management strategy. The study was intended to address water quality issues in the Tred Avon watershed, whose upper reaches are highly impacted by urban stormwater runoff. The study design involved estimating baseline gross solids patterns, type and loads in the watershed and operation and maintenance costs of the bag filters. The findings of this project are summarized in Gross Solids Characterization Study in the Tred Avon Watershed Talbot County, MD (Stack et al., 2013). [Read more...](#)

Watershed Development & Forests: How Much Is Too Much, Too Little?

Watershed Development & Forests: How Much Is Too Much, Too Little? is the title of the latest article published by CEDS News at: cedsnews.com. The article addresses the following topics geared to volunteer and professional watershed advocates:

- How Much Development Is Too Much;
- Exposed Soil = Pollution;
- Conventional Stormwater Management Doesn't Mimic Forest;
- How Much Forest Is Enough?
- Low-Impact Development & Environmental Site Design As A Panacea?;
- Until LID/ESD Are Proven, Think Land Use Limits To Preserve Sensitive Waters;
- Master Plans, Zoning & Impervious Area; and
- How You Can Help Hasten the Day When LID/ESD Becomes Reliable

For more information, contact Richard Klein, [Community & Environmental Defense Services](#), 811 Crystal Palace Court, Owings Mills, MD. 21117. Phone: 443-421-5964

Green Town U.S.A. — The Handbook for America's Sustainable Future

The inspiring story of resilience, community, and sustainability for Greensburg, Kansas began in 2007, when a massive tornado destroyed the community. Greensburg rebuilt itself using sustainable community redevelopment and energy-efficient technology approaches. This book provides a real-world assessment of a town rebuilding and revitalizing its community using sustainable solutions.

<http://www.hatherleighpress.com/catalog/display.pperl?isbn=9781578263127>

EPA Proposes Rule to Modernize Clean Water Act Reporting

WASHINGTON – The U.S. Environmental Protection Agency (EPA) has proposed a rule that would modernize Clean Water Act (CWA) reporting processes for hundreds of thousands of municipalities, industries, and other facilities by converting to an electronic data reporting system. The proposed e-reporting rule would make facility-specific information, such as inspection and enforcement history, pollutant monitoring results, and other data required by permits accessible to the public through EPA’s website. The proposed rule will be available for review and public comment for 90 days following the publication date in the Federal Register. View the proposed rule in the Federal Register:

<https://www.federalregister.gov/articles/2013/07/30/2013-17551/npdes-electronic-reporting-rule>. More information on webinars: <http://www2.epa.gov/compliance/proposed-npdes-electronic-reporting-rule>

DEP Water Resources Committee To Discuss Nutrient Credit Trading Changes – Aug 14

On August 14 DEP’s [Water Resources Advisory Committee](#) is scheduled to have a discussion of proposed changes to Pennsylvania’s [Nutrient Credit Trading Program](#). Nutrient trading is a market-based program that provides incentives for entities to create nutrient reduction credits by going beyond statutory, regulatory or voluntary obligations and goals to remove nutrients from a watershed. The credits can be traded to help others more cost effectively meet their obligations or goals. The primary purpose of the Nutrient Credit Trading Program is to provide for more efficient ways for National Pollutant Discharge Elimination System (NPDES) permittees to meet their effluent limits for nutrients. Currently, the focus of the program is on the Chesapeake Bay Watershed. The meeting starts at 9:30 in Room 105 of the Rachel Carson Building in Harrisburg. [Click Here](#) for any handouts available before the meeting.

PADEP Proposals Currently Open for Comment

Date Published In PA Bulletin	Proposal	Comment Deadline
6/22/2013	Draft Technical Guidance 012-0900-003--Policy on Public Participation in the Permit Review Process *** Comment Period Extended *** PA Bulletin Notice ; Comment Period Extension Notice ; Draft guidance document ; Permit Applicant Outreach Checklist ; Email address for comments: RA-EPTG_Comments@pa.gov	8/27/2013
7/6/2013	Draft Technical Guidance--385-2314-001 Act 537 Program Guidance; Training Provider Manual for the Pennsylvania Onlot Sewage System Training Program PA Bulletin Notice ; Draft guidance document	8/5/2013
8/3/2013	Nutrient Credit Trading Program; Notice of Certification Requests PA Bulletin Notice	8/30/2013

