

WAY E-NEWS

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

July 30, 2012

A PUBLIC-PRIVATE PARTNERSHIP

Volume 12, Issue 15

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- Save the Dates...7th Annual Chesapeake Watershed Forum – Sep 27-30
- Virtual Academy Webinar: Water Quality Standards 101 – Oct 4
- Bioretention/Bioinfiltration "Ask the Researcher" Summit – Oct 18-19
- Summit to focus on landscape approach to conservation and tourism – Oct 29-30
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- New Stream Handbook for Landowners
- Scientists develop new carbon accounting method to reduce farmers' use of nitrogen fertilizer

WATERSHED CONTACTS

COUNTY PLANNING – (717) 771-9870

CONSERVATION – (717) 840-7430

- Agricultural conservation planning
- Environmentally sensitive dirt & gravel road maintenance
- Environmental stewardship and watershed protection
- Erosion & sediment control
- Stormwater complaints

24-HR EMERGENCIES – (877) 333-1904

- Chemical and oil spills from transport trucks, trains and industrial facilities

ENVIRONMENTAL – DEP-SCRO

- General Info 717-705-4700
- Director SCRO 717-705-47047
- Air Quality 717-705-4702
- Energy & Technology 717-705-4703
- Environmental Cleanup 717-705-4705
- Mining (800) 541-2050
- Radiation Protection 717-705-4704
- Waste Management 717-705-4706
- Water Supply Management 717-705-4708
- Water Management 717-705-4707
- Watershed Management 717-705-4704

FISHERIES – (800) 541-2050

- Wildlife (fish, reptiles, amphibians) nuisance problems or to report violations
- FISH KILL 1-855-347-4545

GAME & WILDLIFE – (888) 742-8001

- Wildlife (mammals or birds) to report violations or nuisance problems

ILLEGAL DUMPING

- Illegal dumping on state forest and park lands (877) 772-3673
- Illegal dumping York County 840-7687

MUNICIPAL (Phonebook Blue Pages)

- Air pollution by burning household garbage
- Dumping waste in surface waters
- Floodplain disturbances
- Municipal and residential septic/sewage problems
- Stormwater management

NOXIOUS PLANTS – (717) 772-5209

RECYCLING – (717) 845-1066

WETLANDS – (717) 249-2522

Updated 4/27/2011

- Determining Flow Needs for Pennsylvania's Riverine Ecosystems
- Fieldprint Calculator 2.0 Launched
- Geosynthetically Reinforced Soil (GRS) Technology for Low-Cost Bridges
- Aquatic Organism Passage at Stream Crossings
- Trail Surface Aggregate
- Read two new reports from EPA's Smart Growth Program and the Partnership for Sustainable Communities
- USDA Releases Agroforestry Guide



WATERSHED ALLIANCE NEWS

Ag Land Preservation Board of York County - www.york-county.org/gov/AUTH/agri.htm

- For information about farmland preservation in York County 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 15 – Meeting of Members and Board, 7:00 pm, at York Water Co. (Mt. Rose Ave.)
- Sep 8 – Oil Creek Restoration Monitoring, Gits Run Rd., Hanover, 9:00 Am to 1:00 PM
- Contact: Jim Leaman at 843-2929

Codorus Endowment Implementation Committee - www.yccf.org

- For more information, contact the York County Community Foundation at 14 West Market Street York, PA 17401-1203. Telephone: York 717.848.3733; Hanover 717.630.1843. Email: info@yccf.org

Codorus State Park - www.dcnr.state.pa.gov

Conewago Canoe Club - www.conewagocanoecub.org

- August 25-26 Swift Water Rescue Weekend
- 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, 156 North George Street, Suite 300, York, PA 17401. Phone (717) 843-4411 or e-mail skenny@farmtrust.org

Friends of Codorus State Park - www.friends-of-codorus.org/

- For more information contact Becky Miller at 632-6747 or email beckymill1@juno.com or Dave Carbaugh at 637-9875 or email carbaugh3@embarqmail.com

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/Gifford Pinchot State Park, 2200 Rosstown Road, Lewisberry, PA 17339. Phone: 717-432-5011

Gunpowder Valley Conservancy - 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 - www.hornfarmcenter.org

- Kid Farm Education Days at the Horn Farm Center
- Contact: Horn Farm Center for Agricultural Education, 4945 Horn Road, York, PA 17406. Phone: (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, 7131 Ironstone Hill Road, Dallastown, PA 17313. Club Grounds Phone: 717-428-2000 *Leave a message for the Committee Contact or Club Officer you are trying to reach. Committee Contacts & Club Officers are listed on the Club Information Page. If no phone or email address is listed contact club grounds phone number.

Lower Susquehanna Riverkeeper – www.lowersusquehannariverkeeper.org

- 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/>

- A reminder that we'll be meeting on Mon 6th August at 5:30 p.m. - venue still TBD (somewhere in Bel Air). Items on the agenda include:
 - NHHS Treatment Wetland update and request for Team Support - Bill Tharpe, Harford SCD.
 - WIP Updates – County Status Reports
 - SWQAC WIP Ad Hoc Committee
 - Project Updates:
- Contact: RupertRossetti, Tributary Team Coordinator, e-mail: RupertRossetti@aol.com

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

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

Mid-Atlantic Ecological Landscapes Partnership [MAEscapes] – www.maescapes.org

- 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

- Contact: Nancy Shaper at nshaper@ihmi.edu

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

- Monthly meetings will be held at the East Shore Area Library (ESA) in Harrisburg at 6:30 pm, except for select dates:
 - Tuesday, 7/31 - ESA – ESA
- 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

- 2012 Spring & Summer program dates are now posted <http://www.shanksmare.com/html/news.html>
- Call Us: 717-252-1616. Email us: Shanksmare@comcast.net

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

- Sep. 23 – 5th Mother Earth Hands-On Harvest Fair, Sunday, 10am to 5pm, 4255 Pierceville Rd, Glen Rock, PA.
- 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, 1706 Long Level Road, Wrightsville, PA 17368. Office: 717-252-0229. E-mail: info@lyhr.org.

Susquehanna Greenway Partnership – www.susquehannagreenway.org

- For more information about the Susquehanna Greenway, please contact: The Susquehanna Greenway Partnership, 201 Furnace Road, Lewisburg, PA 17837. Phone: 570-522-7211. Email: greenway@susquehannagreenway.org

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. Cancellations due to winter weather will be announced here, and on WSBA Radio, 910 AM.

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

- Chapter Meeting 3rd Wednesday of month at [Collinsville Fish & Game](http://CollinsvilleFish&Game)
- Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

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

- Meet the 3rd Wednesday @5pm.
- Contact: Adam McClain, Ph: 717-334-0636; E-mail: stilden@adamswatersheds.org

Watershed Alliance of York – www.watershedsyork.org

- Oct 3 – Meeting of WAY Board of Directors, 7:00 PM, at SOLS, 324 W. Market St., York, PA.
- WAY E-News – Published by the Watershed Alliance of York, Inc. to inform the public about news and information that affect York County watersheds and beyond. PLEASE SHARE WITH YOUR MEMBERSHIP AND E-MAIL LIST. Contributions of news, events and information relating to watershed education, funding, planning, restoration, protection, and stewardship welcome. Send contribution to and contact us for mailing list additions/changes to the e-mail address below. Distribution: electronic (1,850). Frequency: bi-weekly. Subscription: No charge. Editor: Gary R. Peacock.
- You can make www.goodsearch.com and be sure to enter WAY as the charity you want to support.
- Contact: Watershed Alliance of York, Inc. (WAY), C/o York County Conservation District, 118 Pleasant Acres Road, York, PA 17402. Phone: (717) 840-7430. Facsimile: (717) 755-0301. E-mail: gpeacock@yorkccd.org

Wecology – www.wecologypa.org/ **NEW!**

- We are Promoting the conservation and sustainability of our natural resources. We are Educating the citizens, businesses and municipalities about the important role that trees play in our everyday lives. We are Ensuring a healthy environment while maintaining a viable economy. We are WEcology. A partnership of businesses, government and citizens dedicated to York County sustainability, now and in the future.
- Contact: WEcology 130 E.Market St., York, PA 17405. Phone: 717-718-7554.

Yellow Breeches Watershed Association – www.ybwa.org

- Sep. 12 – Board of Directors meets 6 PM, location TBA.
- 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. 901 Smile Way York, PA 17404. Phone: (717) 843-7891. Fax: (717) 854-0720. <http://www.rayac.com>

York Audubon Society – <http://www.yorkaudubon.org/>

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

York County Conservation District – www.yorkccd.org

- Jul 31 – Annual Conservation Awards Picnic, Rudy Park, 7:00-9:00 p.m.
- New Wildlife of PA Journal available for purchase \$24.95
- Rain Barrels- Get one while they last! Visit our website for more information and prices.
- 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

- Nixon Park Nature Center, 5922 Nixon Drive, York PA 17403. Phone: (717) 428-1961. E-mail: NixonCountyPark@york-county.org.
- For more information, contact York County Department of Parks and Recreation, 400 Mundis Race Road, York PA 17406-9721. Phone: (717) 840-7440. E-mail: Parks@York-County.org. 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



WATERSHED EDUCATION & OUTREACH

DEP Declares Drought Watch for 15 Pennsylvania Counties

HARRISBURG – The Department of Environmental Protection today issued a drought watch for 15 Western Pennsylvania counties. A drought watch declaration is the first and least severe level of the state's three drought classifications. It calls for a voluntary five percent reduction in nonessential water use and puts large water consumers on notice to begin planning for the possibility of reduced water supplies. The 15 counties under the drought watch issued today are Allegheny, Beaver, Butler, Clarion, Crawford, Erie, Fayette, Forest, Greene, Lawrence, Mercer, Somerset, Venango, Warren and Washington. DEP is notifying all water suppliers in the affected areas of the need to monitor their supplies and update their drought contingency plans as necessary. Through a cooperative program with the U.S. Geological Survey (USGS), DEP helps fund a statewide network of gages to monitor groundwater levels and stream flows. In addition to precipitation, groundwater and stream flow levels, DEP monitors soil moisture and water supply storage. This data is shared with other state and federal agencies. Residents can take a number of steps to conserve water, including:

- Install low-flow plumbing fixtures and aerators on faucets.
- Check for household leaks. A leaking toilet can waste up to 200 gallons of water each day.
- Take short showers instead of baths.
- Replace older appliances with high-efficiency, front-loading models that use about 30 percent less water and 40 to 50 percent less energy.
- Run dishwashers and washing machines only with full loads.
- Keep water in the refrigerator to avoid running water from a faucet until it is cold.

DEP also offers water conservation recommendations and water audit procedures for commercial and industrial users, such as food processors, hotels and educational institutions. These recommendations and additional drought information are available by visiting DEP's website, www.dep.state.pa.us, keyword: drought.

SRBC Suspends 64 Water Withdrawals Due To Low Stream Flows

The Susquehanna River Basin Commission Monday announced [64 separate water withdrawals](#) approved by SRBC are suspended due to lower streamflow levels in the Susquehanna basin. The suspended withdrawals are operated by 33 companies in 13 Pennsylvania and 1 New York counties. Under SRBC's passby flow restrictions, when streams drop to predetermined protected low flow levels, operators who are required to meet the agency's passby requirement must stop taking water. They cannot resume taking water until streams have recovered above the protected level. Many projects must also wait for an additional 48 hours until they can resume operations. SRBC pointed out that the public will continue to see water-related activities taking place for a number of reasons. First, where SRBC has determined that withdrawal quantities

considered along with other upstream uses are insignificant compared to streamflows, approvals do not contain passby restrictions. Second, operators subject to SRBC's passby conditions can continue to transport and use any amount of water that was withdrawn prior to passbys going into effect. And third, water withdrawals less than 100,000 gallons per day AND not associated with natural gas development are not subject to SRBC's regulations. A full list of withdrawals suspended is [available online](#). Information on drought conditions is available on the U.S.G.S. [Pennsylvania Water Science Center](#) webpage.

U.S. Experiences Warm and Dry June; Drought Expands to 56% of Lower 48

ScienceDaily (July 20, 2012) – The average temperature for the contiguous U.S. during June was 71.2°F, 2.0°F above the 20th century average, ranking as the 14th warmest June on record. Scorching temperatures during the second half of the month broke or tied over 170 all-time temperature records in cities across America. June temperatures also contributed to a record-warm first half of the year and the warmest 12-month period the nation has experienced since recordkeeping began in 1895. Read more...

<http://www.sciencedaily.com/releases/2012/07/120720205544.htm>

Sprawl May Worsen Impacts of Drought

Sprawling development can exacerbate drought's impact, according to a recent commentary by Kaid Benfield of the Natural Resources Defense Council. The large-lot residential development characteristic of sprawl uses significantly more water than do neighborhoods built to a more walkable scale, contributing to water shortages. Suburban sprawl also spreads more pavement around watersheds than compact growth, sending rainwater into streams and rivers as polluted runoff, rather than into the soil to replenish groundwater. Read more...

http://switchboard.nrdc.org/blogs/kbenfield/how_sprawl_aggravates_the_impacts_of_drought.html

Governor Corbett Signs Executive Order Requiring DEP to Implement Permit Decision Guarantee Program

HARRISBURG – Governor Tom Corbett today issued Executive Order EO2012-11, which requires the Department of Environmental Protection to immediately begin assessing how best to make timely permitting decisions. The order establishes a Permit Guarantee Program, in which DEP will strive to make permitting decisions within established processing times for complete and technically adequate applications. The order also requires DEP to coordinate the review of applications for projects with multiple permits; establish performance standards for staff engaged in permit reviews; and where possible, develop and improve electronic permitting tools. The executive order is published on the Office of Administration's website at www.oa.state.pa.us. On the left toolbar, select "Records & Directives," then "Executive Orders."

Good Watershed Keeping

Pennsylvania is a water-rich state with six watersheds. Water that collects in local streams flows down through the watershed finally reaching a saltwater body, so what you do in the watershed is felt many hundreds of miles away. Five of Pennsylvania's six watersheds end at the Atlantic Ocean. Two of our smaller watersheds are in the Great Lakes Basin. The area around Erie drains into Lake Erie and the Genesee watershed in Potter County ends up in Lake Ontario. The Delaware River drains into the Delaware Bay and has the most people in it, although it is not the largest. That is the Susquehanna River watershed, which drains two-thirds of the state and flows into the Chesapeake Bay. A portion of Potomac River watershed located on the southern border of the state also drains into the Chesapeake Bay, which drains into the Atlantic Ocean. Read more... http://extension.psu.edu/water/discovery-watersheds/news/2012/good-watershed-keeping?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+agsci-water-watershedwinds+%28Penn+State+Watershed+Winds+Newsletter%29

Don't Be A Pill: MANAGE PRESCRIPTION MEDICATIONS SAFELY

- Place in your garbage. Take meds out of their original container and mix with coffee grounds, kitty litter or another undesirable substance. Seal it in a bag or other container to prevent it from leaking or breaking out of the garbage bag. Remove personal info from original container before disposing of it to protect your identity.
 - Make an appointment for FREE disposal of prescription medications. York County residents call 845-1066 to schedule a time to bring your prescription medication directly to the York County Resource Recovery Center for destruction.
 - Participate in the US Drug Enforcement Administration's FREE Drug Take-back programs. The next date: Saturday, September 29.
- Visit www.dea.gov or www.ycswa.com for more information.

For more information contact your garbage expert at: www.ycswa.com

Pond and Lake Water Quality

During this hot summer, residents of lake communities and private pond owners are enjoying swimming, boating and fishing in the lake or pond. Your enjoyment of the pond or lake depends on maintaining the water quality of the pond or lake. Read more...

http://extension.psu.edu/water/discovery-watersheds/news/2012/pond-and-lake-water-quality?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+agsci-water-watershedwinds+%28Penn+State+Watershed+Winds+Newsletter%29

Photo Contest - Share Your Susquehanna Shots!

We are holding our 3rd Annual Photo Contest for images of the Susquehanna River and river towns. We would love if you could share this information with your members! You can enter at our website www.susquehannagreenway.org and there are cash prizes in each category. We are a non-profit dedicated to building, protecting, and sharing the Susquehanna Greenway. New this year! – We've teamed up with Hershey to create a category just for kids. We want to encourage them to get outside, explore, and show us what they treasure about the river. For more information, contact Amber Weaver, Susquehanna Greenway Partnership, 201 Furnace Road, Lewisburg PA 17837. Ph: 570-524-7262 (office).



WATERSHED FINANCIAL ASSISTANCE

Promoting Health and Equity through Built Environment and Healthy Food Access Policy – Aug 9

The Convergence Partnership invites proposals that will support the launch of grant-making initiatives to enhance the built environment and/or expand healthy food access in low-income communities and communities of color to improve health and promote equity. A 50 percent match, up to \$200,000 total, will be provided for a three-year period. Submittal deadline: August 9, 2012.

http://www.convergencepartnership.org/site/c.fhL0K6PELmF/b.8110763/k.4722/Innovation_Fund_Call_for_Proposals.htm

Foundation For PA Watersheds Sets Grant Application Deadlines – Aug 24

The [Foundation for PA Watersheds](#) Tuesday set deadlines for its 2012 grant application rounds: February 13 and August 24. Spring letters of intent are due February 13 with applications due March 12. Decisions will be made at the April 24 Board meeting. Fall letters of intent are due August 24 and applications September 28 and decisions made at the November 13 Board meeting. [Click Here](#) for details on the application process.

DEP Accepting Applications For Pollution Prevention, Energy Efficiency Grants - Sep 26

The Department of Environmental Protection is now accepting applications for its [Small Business Advantage Grant Program](#) to fund pollution prevention and energy efficiency projects. Applications are due September 26. ([formal notice](#))The grant program provides up to 50 percent reimbursement grants, to a maximum of \$9,500, to enable a small business to adopt or acquire energy efficient or pollution prevention equipment or processes. Well designed energy efficient or pollution prevention projects can help small businesses cut costs and reduce the risk of potential regulatory problems, while simultaneously protecting the environment. An eligible applicant must be a for-profit small business owner whose business or facility is located within this Commonwealth. All Commonwealth small businesses are eligible, including but not limited to manufacturers, retailers, service providers, mining businesses and agricultural concerns. The project to which the grant will apply must be located within the applicant's Commonwealth facility. For more information, visit DEP's [Small Business Advantage Grant Program](#) webpage.

2013 Sustainable Design Assessment Team Program – Nov 16

The American Institute of Architects seeks partner communities that can demonstrate the capacity to convene a diverse set of community leaders and stakeholders for an intensive, collaborative planning process focused on long-term sustainability. Funded communities receive pro bono services and funding up to \$15,000. A cash match of \$5,000 is required. Application due date: November 16, 2012.

<http://www.aia.org/about/initiatives/AIAS075425>

EPA Issues Clean Water State Revolving Fund Green Project Reserve

EPA is releasing a suite of materials highlighting the innovative approaches states have used to successfully implement projects that address green infrastructure, water or energy efficiency, or other environmentally-innovative activities using the Clean Water State Revolving Fund's (CWSRF) Green Project Reserve. The CWSRF program attempts to achieve innovative solutions to wastewater infrastructure needs, achieving economic and environmental benefits for years to come. The Green Project Reserve requires all CWSRF programs to direct a portion of their capitalization grants toward projects that address green infrastructure, water or energy efficiency, or other environmentally-innovative activities. While these type of projects have always been eligible for CWSRF financing, the Reserve originated as part of the American Recovery and Reinvestment Act of 2009 (ARRA). With the success of the Green Project Reserve implemented under ARRA, approximately 30 percent of total ARRA funding for CWSRF projects went to Reserve projects. The Reserve has become a part of all subsequent CWSRF appropriations. For more information, please visit: http://water.epa.gov/grants_funding/cwsrf/Green-Project-Reserve.cfm.

EPA's Job Training Program Expands to Include Wastewater and Stormwater

EPA is awarding \$3 million to 15 grantees through the Environmental Workforce Development and Job Training program. The grants will recruit, train and place unemployed individuals in jobs that address environmental challenges in their communities. Managed by EPA's Office of Brownfields and Land Revitalization, the grant program targets economically disadvantaged neighborhoods where environmental cleanups and jobs are often most needed. With support from EPA's Office of Water, this year's grant program has expanded to include training for wastewater treatment plant operations and stormwater management. Seven of the 15 FY12 grant recipients will emphasize wastewater or stormwater above and beyond the required awareness-level introduction to these topics. Some will offer state certifications in wastewater treatment plant operations. Many of this year's winning grantees are already working with local wastewater utilities or other water sector employers to secure placements for their participants. Historically, approximately 71 percent of program graduates have found employment in environmental fields that serve local communities. For more information, visit: <http://www.epa.gov/brownfields/job.htm>, or contact: Leon Latino, latino.leon@epa.gov, 202 564 1997.

Direct Energy Offers Energy Saving Grants To Nonprofits

[Direct Energy](#) Wednesday announced it is opening the [Reduce Your Use For Good Grant](#) program for video applications from nonprofit organizations. Through the Reduce Your Use For Good Grant program, Direct Energy is offering nonprofits up to \$100,000 to implement energy-saving changes to their operations, in \$2,500 increments. In an effort to use social media to drive social good, Direct Energy will leverage their Facebook community to help award the grants. For every 2,500 new "Likes" Direct Energy receives on their [Facebook page](#), they will give away another \$2,500 to a nonprofit applicant to be used toward reducing their energy use, helping them to continue the good work they do. The program will end once Direct Energy has awarded \$100,000 in total Reduce Your Use For Good grants. Grant funds can be used for energy-efficient products or services to help nonprofits reduce their energy use. To be eligible, organizations must have current or active organizations that have a current and active Registered Charitable Number in Canada or 501(c)(3) status in the United States, be registered with and be in good standing with the appropriate state registration agency and be in a Direct Energy service area. For more information, visit the [Reduce Your Use For Good](#) website.

IRS Court Reversal on Donations and Appraisals

Taxpayers and land trusts will want to understand how a new case affects conservation gifts. The IRS and the Tax Court positions on cash donations and qualified appraisals suffered a reversal when the Second Circuit of the U.S. Court of Appeals decided three important issues differently than they had. An appeals court recently reversed the tax court's denial of a deduction because the IRS claimed the appraisal was not qualified under the Treasury Regulations. The appeals court also allowed the deduction for the required stewardship contribution to the preservation organization and applied the substantial compliance doctrine to both the qualified appraisal and to minor omissions in the Form 8283. Conservation organizations should continue to proceed with caution when requesting cash contributions and should seek meaningful appraisals. Read more... <http://www.landtrustalliance.org/conservation/conservation-defense/conservation-defense-news/evolving-law-on-stewardship-administration-and-tax-code-regulations>



WATERSHED FACILITATION ASSISTANCE

Events Along the Susquehanna River – Aug!

There is so much happening along the Susquehanna River in the month of August! Check out the attached list of events and thank you for sharing. <http://www.susquehannagreenway.org/calendar/2012-08>

Paddle the Susquehanna and York Member Meeting! – Aug 2 & 21

We have two exciting events coming up for our members in your area!

- Join us for a sunset paddle on the Susquehanna River near the Holtwood Dam on Thursday, August 2nd from 5:30 – 8:30PM! We'll be paddling near the Holtwood Dam on the Susquehanna River on a beautiful summer evening. See a sunset, wildlife, and unique rock formations on this scenic section of river. The group will meet on the west side of the river just south of Route 372. This location will serve as the put-in and take-out so no shuttle is required. Paddle instruction will be offered for those who are first-time paddlers. Space is limited, so sign up today for this opportunity to get out, paddle, and learn a little bit more about our Susquehanna! Go to cbf.org/paevents
- You're invited to the York Area Membership Meeting on Tuesday, August 21st from 6:30-8:30PM! Join us for an informational evening, a time to connect and get updated on hot topics facing our rivers and the Bay. Learn about CBF's current work, get a federal clean water briefing, and find out how you can get more involved! A great time to meet CBF staff and other CBF members, too. A light dinner will be provided and CBF apparel will be available. Please bring a friend along and join us for a great evening! RSVP here by August 14th! Go to cbf.org/pamembermeetings

ART & OUTDOOR FEST ALONG THE SUSQUEHANNA – Aug. 4

SAT., AUGUST 4, 2012, 10AM-7:30PM, 2092 Long Level Road, Wrightsville, PA – The Third Annual Art & Outdoor Fest will be held on Saturday, August 4, 2012 from 10am-7:30pm. The festival will take place outside along the banks of the Susquehanna at Shank's Mare Outfitters, 2092 Long Level Road, Wrightsville, PA. The festival will feature non-profit outdoor, historic, and cultural organizations offering information on the wide array of programs, wildlife, and activities in our area. As a special feature this year, we will have a book signing of "PA Wildlife" by Kim Young and a Student Art Show featuring artwork published in the book. The festival will also spotlight talented local artists displaying and demonstrating their work. Glass blowers, recycled glass artist, pen & ink, photographers and more will have their art on display and for sale. The Fest will feature free live music. "Late for Supper" will perform from 2-4:30pm with folk and traditional music. "The J. C. Fisher Band" will perform from 5-7:30pm with eclectic and classic rock music. Lawn chairs for the concern on the lawn are recommended. Participants can enjoy food at the Lock 2 Café, and specials at Shank's Mare in celebration of their 34th anniversary. For more information visit www.shanksmare.com.

How to Revitalize our Main Streets – Aug 7

Please join us to learn how to revitalize our Main Streets on Tuesday, August 7, 9:00-11:00 a.m. at Guthrie Memorial Library, 301 Carlisle Street, Hanover. Whether they are named First Avenue, Hanover Street or George Street, our Main Streets are the core of the community. Our Main Streets are the places of shared memory where people still come together to live, work, and play. Some of our Main Streets have lost their nostalgic feel and are suffering from vacant buildings. How do we bring vibrancy back to our Main Streets? One regional community has a Main Street revitalization success story. In 2007, Main Street Mount Joy created a new retail incubator program in Downtown Mount Joy called "The Shoppes of Main Street Mount Joy, LLC", located at 84 East Main Street, Mount Joy. This program is designed to strengthen the economic base of Downtown Mount Joy through business recruitment while providing new business opportunities to entrepreneurs. In 2008, the program won a state Townie Award presented by the PA Downtown Center. Terry L. Kauffman, Special Projects Manager for Mount Joy Borough, will give a presentation on Mount Joy Borough's success and inspire ideas with advice on replicating their success in our communities in York & Adams Counties. The program is free to attend but registration is required. Sponsored by the York-Adams Regional Smart Growth Coalition. To register:

<https://events.r20.constantcontact.com/register/eventReg?llr=fb5akjcab&oeidk=a07e64xno3yf297c6a4>

Stormwater Inspector Classes – Aug 13-17

Good news! In the event that you missed our class in Virginia recently, we will be teaching Stormwater Inspector classes in both West Virginia and Rockville, MD during the month of August 2012. *Registration will be closing soon and spaces are limited.* All instructors were previously NPDES enforcement officers. The dates/locations of the classes are listed below:

- Rockville, MD - August 13-14, 2012
- Charleston, WV - August 16-17, 2012 (hosted by the West Virginia Dept of Environmental Protection)

Please download the announcement with course details and registration information that works best for your location. You may call Michele at 1-888-397-9414, email info@npdes.com or visit our website at www.npdes.com.

PennVEST, DEP To Hold September 12 Nutrient Credit Trading Auction – Sep 12

The PA Infrastructure Investment Authority and the Department of Environmental Protection announced Monday they will host an auction on September 12 for the sale and purchase of nutrient credits in the Susquehanna and Potomac watersheds. This will be a so-called “forward” auction, where certified credits will be sold at auction, delivered later and applied to 2012 and future compliance years. The auction will afford wastewater treatment plants in these two watersheds the opportunity to purchase credits as a means of meeting their nitrogen and phosphorus discharge limits for the compliance years. PennVEST is hosting the auction to encourage and facilitate the trading of nutrient credits in the Susquehanna and Potomac watersheds. DEP’s nutrient credit trading program provides a cost-effective means for facilities that are subject to nitrogen and phosphorus limits to meet those limits by working with other facilities, non-point sources or both. PennVEST has chosen Markit Inc. to provide the platform for enrollment and eligibility, auctions and registry services. PennVEST anticipates charging buyers and sellers 2.5 cents per credit to offset administrative costs. For more information, visit PennVEST’s [Nutrient Credit Trading](#) webpage or call PennVEST at 717-783-4493 or DEP at 717-772-4785.

Join the International Coastal Cleanup – Sep 15

Come help volunteers cleaning debris from our waterways and Bay! On September 15th, 2012, 9 am to 1 pm, hundreds of thousands of volunteers worldwide will participate in the Ocean Conservancy’s International Coastal Cleanup, the world’s largest volunteer event of its kind. Last year almost 600,000 volunteers from 114 countries and every state cleaned over 9 million pounds of trash from oceans and waterways and recorded every piece of trash collected. Come help this worthwhile effort. For more information, or to register online, go to <http://www.signuptocleanup.org>

EPA Technical Workshop on the Importance of Water to the U.S. Economy – Sep 19

Water is vital to a productive and growing economy in the United States, and directly affects the production of many goods and services. On behalf of EPA, Industrial Economics, Inc. is seeking both the private and public sectors to attend and participate in a technical workshop that will seek independent input on water’s contribution to the U.S. economy, current capabilities to analyze and estimate this contribution, and the steps necessary to improve our understanding of water’s economic contributions. The workshop will be held in Washington, D.C. on September 19, 2012. The format will include presentations on commissioned research and a combination of expert panels and group discussion. For additional information, send email inquiries to: Mr. Nadav Tanners, Associate, Industrial Economics, Incorporated, 2067 Massachusetts Avenue, Cambridge, MA 02140. Email: NTanners@indecon.com

Experience a Town At Risk – Sep 25

Tuesday, September 25, 2012, from 10:00 am to 12:00 noon, at YorkTownship, 190 Oak Road, Dallastown, PA 17313. Phone: 717-741-3861. “FloodManager” is a serious computer simulation conceived to teach decision-makers the primary floodplain management principles they can apply to their community to increase resilience against flood disasters and to guide and steward development in their community in a manner that provides the most benefits while adhering to the tenets and practices of No Adverse Impact (NAI). The “Experience a Town At Risk” seminar will be held to familiarize attendees with the simulation and stimulate discussion and thought on building a more resilient community through the wise use of mitigation techniques and sound floodplain management practices. The seminar will be facilitated by Mr Dale Lehman, ASFP Foundation Board Member, assisted by Mr John Hoffman. The seminar is intended to lead to a better understanding of the impacts of various decisions associated with a community’s growth while managing its floodplains. The simulation offers the possibility for some fun while learning important techniques for wise growth and flood risk mitigation. Please come and enjoy the experience!! This course has been approved for two (2) CEC’s from ASFP for Floodplain Managers. To register email your contact information to Registration@YorkTownship.com.

2012 Annual Dirt & Gravel Road Maintenance Workshop Online Registration Now Open! – Sep 25-26

The Center’s 2012 Annual Dirt and Gravel Road Maintenance Workshop will be held September 25 and 26, 2012, at Treasure Lake in Clearfield County, just north of Dubois, PA. The workshop will feature class sessions and field trips to local demonstration sites. Sites will include past and current projects, a “Geosynthetically Reinforced Soil” (GRS) bridge structure, and a stop at the Elk Viewing and Visitor Center. More details and online registration are available on the Center’s website at www.dirtandgravelroads.org. Look for “2012 Workshop” at the top right of the Center’s homepage.

Save the Dates...7th Annual Chesapeake Watershed Forum – Sep 27-30

Planning is underway for the 7th Annual Chesapeake Watershed Forum. Registration will open on/about late July – early August. For more information, contact Lou Etgen(443-949-0575; letgen@allianceforthebay.org).

Virtual Academy Webinar: Water Quality Standards 101 – Oct 4

Please join us for the first Water Quality Standards Virtual Academy webinar: “Water Quality Standards 101.” Water quality standards are the foundation of the water quality-based pollution control program mandated by the Clean Water Act. Water quality standards define the goals for a waterbody by designating its uses, setting criteria to protect those uses, and establishing provisions such as antidegradation policies to protect water bodies from pollutants. Learn how you can use water quality standards to protect water resources. This webinar is aimed at states, territories, tribes, environmental groups, industrial groups, municipalities, the academic community, federal agencies, watershed groups and any other interested parties. The webinar will be held on Thursday, October 4, 2012 from 1:00 to 3:00 p.m. EST. Register here: https://horsleywittenevents.webex.com/mw03071/mywebex/default.do?nomenu=true&siteurl=horsleywittenevents&service=6&rnd=0.010665754496415158&main_url=https%3A%2F%2Fhorsleywittenevents.webex.com%2Fec06061%2Feventcenter%2Fevent%2FeventAction.do%3FTheAction%3D. For more information, visit <http://water.epa.gov/learn/training/standardsacademy/index.cfm>.

Bioretention/Bioinfiltration “Ask the Researcher” Summit – Oct 18-19

October 18-19 2012 Villanova University – The summit is unique because it brings together three prominent Mid-Atlantic bioretention researchers to answer these and more questions. In fact, registrants are encouraged to submit questions in advance to the instructors via the website registration form so that they may be addressed during the workshop. There is ample Q&A time embedded in the training as well. The

summit will feature a tour of Villanova bioretention and bioinfiltration research sites upon which some of the presented findings are based, as well as many other campus SCM's (Bmp's). The ultimate goal of the workshop is to improve the state-of-the-art for designers, plan reviewers, and regulators: better functioning designs going into the ground that improve hydrology and water quality. The fee for the conference which include class materials, coffee breaks, and a wine and cheese reception is \$500 before June 10th, and \$550 after that date. Current Villanova Civil Engineering graduate students and VUSP members receive a \$50 discount Enrollment is limited. Group discounts are available. On-site registration Starts at 8:30 AM the first day, with presentations starting at 9:00 AM. A certificate for Continuing Education Units (CEU's) for professional engineers will be provided for attendance at the symposium. Note that Pennsylvania PE requirements require the engineer to keep records, and there is no Commonwealth certification. This document is provided to assist you in your record keeping.

Summit to focus on landscape approach to conservation and tourism – Oct 29-30

DCNR Secretary Richard Allan has announced that a conference to highlight the accomplishments of conservation, recreation and economic development at the landscape level and to advance best practices to other areas of the state will be held in Harrisburg in October. The "Conservation Landscape Summit: Naturally Connecting People and Places" is scheduled for Oct. 29-30 at the Best Western Premier, 800 East Park Drive. Extraordinary work is being done at a regional level to build sustainable communities; conserve land and water; make trail connections; enhance visitor experiences; and improve outdoor recreation opportunities. Read more...

<http://www.dcnr.state.pa.us/news/resource/res2012/12-0718-cliconference.aspx>

Recycle Bowl – Oct 15 – Nov 9

October 15 through November 9 – Recycle-Bowl is a free, four-week competition open to all public and private elementary, middle, and high schools to promote waste reduction activities. The school in each state that collects the most recyclable material will win \$1000. A national champion is chosen from the top statewide winners to receive an additional grand prize. Go to www.recycle-bowl.org for details. In 2011, 1,223 schools registered representing 47 states.

18th Annual Maryland Water Monitoring Council Annual Conference – Dec 6

The Maryland Water Monitoring Council will hold its 18th Annual Conference at the Maritime Institute, North Linthicum, Maryland, on Thursday, December 6, 2012. The theme of the one day conference is *What Else is in your Water? From Arsenic to Zinc*. The conference will address water quality issues beyond more conventional pollutants such as nutrients and sediments. Registration will begin at 7:30 AM and the conference will adjourn at 4:30 PM. A morning plenary session will include a talk by Dr. Cliff Mitchell of the Maryland Department of Health and Mental Hygiene. His talk is titled, *Where do we Go from Here? Water Quality Monitoring, Public Health, and the Era of Constraints*. A second plenary address (speaker TBA) and the annual Carl Weber Award ceremony will also be included, as will six concurrent sessions with up to three talks each. A buffet luncheon and a poster session with about 25 posters will occur at noon. Posters will be on display throughout the day. The afternoon will consist of nine concurrent technical sessions with up to three talks each. Session topics currently include *Mercury, Road Salt, Headwater Streams, Bacteria, BMP Effectiveness, Fracking and Water Quality, Harmful Algal Blooms, Land Use Change, Groundwater, Innovative Sampling Techniques, Volunteer Monitoring and Fish Diseases*. NEW THIS YEAR! Encouraging students to pursue careers in STEM [Science, Technology, Engineering and Math] has become particularly important again as our country faces a shortage of scientists and engineers. While students have presented posters at past MWMC annual conferences, this year we are extending a special invitation to undergraduate students to present posters on their water-related research. An award will be presented to the best student poster! Registration details and a call for papers and posters can be found on the MWMC website at www.marylandwatermonitoring.org. Click on *Annual Conference*. NOTE: Early bird registration ends November 16, 2012.



WATERSHED TECHNICAL ASSISTANCE

Hormone-Mimicking Chemicals Cause Inter-Species Mating: Bisphenol A Breaks Down Fish Species Barriers

ScienceDaily (July 10, 2012) – Hormone-mimicking chemicals released into rivers have been found to impact the mating choices of fish, a new study has revealed. The controversial chemical BPA, which emits estrogen-like properties, was found to alter an individual's appearance and behavior, leading to inter-species breeding. The study, published in *Evolutionary Applications*, reveals the threat to biodiversity when the boundaries between species are blurred. Read article...

http://www.sciencedaily.com/releases/2012/07/120711074232.htm?goback=.gde_2689576_member_135920683

Making the Case for High Flow Biofiltration Systems

We all know the history of Low Impact Development (LID). Developed in Prince George's County, Maryland in the early '90s, adopted throughout the Chesapeake Bay, gradually adopted in the Northwest and the Great Lakes and now picking up steam and moving coast to coast; it's an important part of the upcoming post construction rulemaking and TMDL responses; and its rightfully recognized as a key piece to solving our water quality, volume and velocity woes and to meeting our sustainable development goals. But it's not all sunshine and rainbows. Those of us who are practitioners in the field of stormwater all know that problems exist with the dominant BMP used in LID design, bioretention/ biofiltration systems. Reasons for these problems abound. Over reliance on 20 year old design guidance, just plain bad soil media designs, inexplicable, but common lack of quality controls on soil media production and system installation, little or no field verification of performance and the list goes on and on. The end result is intolerably high failure rates; in some areas failure rates are as high as 50%, for this critically important BMP. Read more... http://www.convergentwater.com/stormwater-best-management-practices/bid/150006/?utm_source=linkedin&utm_medium=social&utm_content=25f2e022-db88-4b4a-b5b8-3ae25e289544

An at-grade stabilization structure impact on runoff and suspended sediment

Journal of Soil and Water Conservation - In recent years, agricultural runoff has received more attention as a major contributor to surface water pollution. This is especially true for the unglaciated area of Wisconsin, given this area's steep topography, which makes it highly susceptible to runoff and soil loss. Mink et al. evaluated the ability of an at-grade stabilization structure, designed as a conservation practice,

to reduce the amount of overland runoff and suspended sediment transported to the surface waters of an agricultural watershed. Read more... <http://www.iswconline.org/content/67/4/237.full.pdf+html>

New Stream Handbook for Landowners

We have partnered with [Trout Unlimited](#) to produce an exciting new resource for landowners! Modeled after our popular *My Healthy Woods* handbooks, *My Healthy Stream* contains everything you need to know to begin managing your stream and the land next to it. Authors Jack Williams, Michael Dombek, and Chris Wood have teamed up for their third joint effort and have assembled a comprehensive guide to understanding and making decisions about your streamside lands. The book includes chapters on understanding watersheds, stream monitoring, management options, flood control, invasive species, and more. Filled with color photos and accessible descriptions, *My Healthy Stream* is a great place to start on managing your stream. [Order your copy today!](#)

Scientists develop new carbon accounting method to reduce farmers' use of nitrogen fertilizer

Phys.Org – Researchers at the National Science Foundation are working on a way to help make the time and expense of efforts to mitigate fertilizer loss worthwhile. They're putting the finishing touches on a program that would pay farmers to apply less nitrogen fertilizer in a way that doesn't jeopardize yields. The program, called the nitrous oxide greenhouse gas reduction methodology, is being conducted in partnership with the Electric Power Research Institute. Read more... <http://phys.org/news/2012-07-scientists-carbon-accounting-method-farmers.html>

Determining Flow Needs for Pennsylvania's Riverine Ecosystems

PowerPoint from July 10, 2012, from AWRA

<http://state.awra.org/pennsylvania/Webinars/ecosystemflowneeds/DeterminingFlowNeeds%28PresentationSlides%29%287-10-12%29.pdf>

Fieldprint Calculator 2.0 Launched

The Fieldprint Calculator is a free online tool for growers to voluntarily and securely analyze how their management choices impact natural resources and operational efficiency. Field to Market continues to learn about the relationships between agricultural practices and sustainability outcomes. Updates to the Calculator will be made to continue incorporating the best available information about these impacts. Read more... <http://www.fieldtomarket.org/fieldprint-calculator/>

Geosynthetically Reinforced Soil (GRS) Technology for Low-Cost Bridges

Geosynthetically Reinforced Soil (GRS) technology uses alternating layers of compacted granular fill material and sheets of geo-textile fabric reinforcement to provide support for the bridge (instead of traditional poured concrete footers). GRS provides a smooth transition from the bridge onto the roadway, and alleviates the "bump at the bridge" problem caused by uneven settlement between the bridge and approaching roadway. The technology offers unique advantages in the construction of small bridges, including:

- Reduced construction time and cost. Costs reduced 25 to 60 percent.
- Easy to build with common equipment and materials; easier to maintain.
- Flexible design that's easily modified in the field for unforeseen site conditions, including unfavorable weather conditions.

You will be hearing lots more about GRS technology in the coming years as PennDOT is working to approve the practice. *For more information, visit the FHWA website:* www.fhwa.dot.gov/everydaycounts/technology/grs_ibs.

Aquatic Organism Passage at Stream Crossings

"AOP" is a philosophy that designs road/stream crossings for the passage of aquatic species and ecological connectivity. Many traditional undersized road culverts create barriers to all sizes and shapes of aquatic and semi-aquatic species. Far from being just a "salmon passage thing out West," AOP is quickly gaining momentum on the East Coast as well. The U.S. Forest Service has been leading the AOP charge, holding week-long courses in AOP crossing design and "stream simulation" through road crossings. Courses have been held in Pennsylvania and New York, with Maryland hoping to hold one in the near future. For more information, please visit the USFS site:

<http://www.stream.fs.fed.us/fishxing/index.html>

Trail Surface Aggregate

TSA is a gradation of aggregate for use on trails that is designed to achieve maximum compaction. It was designed a few years ago based on the Center's Driving Surface Aggregate (DSA) specification that has been in use by the Dirt and Gravel Road Program for many years. TSA has a smaller aggregate top size and overall gradation than DSA. TSA creates a smooth surface for multi-use trails that see many bikes and strollers, while still resisting erosion. The TSA specification was updated in May to include a TSA recipe (for smaller jobs) and gradation (for larger jobs). More info can be found under the "Trails" link at www.dirtandgravelroads.org.

Read two new reports from EPA's Smart Growth Program and the Partnership for Sustainable Communities

- *Federal Resources for Sustainable Rural Communities* provides information on funding and technical assistance opportunities available from HUD, DOT, EPA, and USDA, and examples of how rural communities across the country have put these opportunities into action.
- *Three Years of Helping Communities Achieve Their Visions for Growth and Prosperity* is the Partnership for Sustainable Communities' third-year anniversary report. It includes case studies on Bridgeport, CT; Ranson and Charles Town, WV; Montgomery, AL; Cincinnati, OH; Moline, IL; Denver, CO; and Wellpinit, WA.

Find these reports at <http://www.epa.gov/smartgrowth/index.htm>

USDA Releases Agroforestry Guide

USDA released an agroforestry handbook to help farmers and woodland owners establish, manage, and market agroforestry projects that are both profitable and sustainable. The guide focuses on responsible landownership, and is designed to meet the needs of underserved and limited resource farmers and woodland owners in the Southeast. A limited number of hard copies of the 85-page handbook are available upon request for use in agroforestry training and landowner workshops, and an online PDF for this guidebook may be found [here](#). For more information, contact the [National Agroforestry Center](#).