

WAY E-NEWS

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



Monday, July 15, 2013

A PUBLIC-PRIVATE PARTNERSHIP

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- CNU 21 Plenary and Session Videos Now Available
- Technical Guidance & Permits
- Proposals Currently Open for Comment

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

- July 8 – Meeting of Members and Board, 7:00 pm, at York Water Co. (Mt. Rose Ave.)
- Contact: Jim Leaman at 843-2929

Codorus Endowment Implementation Committee - www.yccf.org

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

Codorus State Park

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

Conewago Canoe Club - www.conewagocanooclub.org

- Club Meets bi-monthly at Mount Zion United Church of Christ, 7:00 pm, at Ridgewood Road in Pleasureville
- Questions or comments e-mail me oc1mike@comcast.net, 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

- 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

- 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

- Support Lower Susquehanna Riverkeeper and Clean Water - We are working on a shoestring budget. In our 8th year of working for you and all of our children's futures, we've become accustomed to tight budgets. From the very beginning an amazing foundation called the Keith Campbell Foundation for the Environment has been matching our members' contributions. They have now DOUBLED even that commitment! For every dollar you give, they will give us TWO! A \$50 family membership from you today puts \$150 into our efforts to protect and improve our communities, creeks, and the Susquehanna River. We know it is a tough economy, and that's why we don't ask often, but with that tough economy comes more and more attacks on our waterways and landscapes. Too often people see the creeks and rivers as a cheap place to dump their pollution. Now, more than ever, we need to push back against this mentality. And no matter how cliché it sounds this water, these creeks and rivers, need to support all of our children, grandchildren, and all future generations. Please help us leave them the legacy of healthy, prosperous, and fun creeks, communities, and Susquehanna River by donating to our work today @ www.LowerSusquehannaRiverkeeper.org.
- Contact: Michael Helfrich, Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: lawsusriver@hotmail.com.

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

- Contact: Rupert Rossetti, Tributary Team Coordinator, e-mail: RupertRossetti@aol.com

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

- 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@jhmi.edu

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

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

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

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

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

- May 22 – Board of Directors meeting, 6:30 PM, at Spoutwood Farm Center.
- Contact Rob & Lucy Woods at Spoutwood Farm at 717-235-6610 or spoutwood@comcast.net.

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

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

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

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

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

- Monthly Chapter Meetings 2nd Wednesday, 7:00 p.m.,
- Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

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

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

Watershed Alliance of York - www.watershedsyork.org

- July 10, 2013 – Annual Meeting of WAY Board of Directors, 7:00 PM, at The York Water Co., Mt. Rose Ave.
- WAY E-News – Published by the Watershed Alliance of York, Inc. to inform the public about news and information that affect York County watersheds and beyond. 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

- Yellow Breeches Paddle Cleanup Jun 23 – Hello sojourners and friends of the Yellow Breeches Creek! Please join the YBWA for an on-the-water paddle cleanup of litter and debris from the Yellow Breeches Creek. Ages 11 and up welcome. YBWA t-shirt, brown-bag lunch, and dinner will be provided for each person that mails in their registration forms by June 10th. Information and registration forms are attached below and are available on our website, ybwa.org. Volunteers are needed on the ground and on the water in boats. Please consider giving your time and effort to take care of the PA Scenic River and treasure that flows through our local community. Did I mention that the Yellow Breeches Creek is the source of your drinking water? The Breeches needs our attention. Please help. Feel free to email or call us with any questions; and by all means, please share with your friends. Thanks! Hope to hear from you! Debbie Goetz deborah.p.goetz@gmail.com; cell- 717-514-4288, or Brook Lenker, brooklenker@comcast.net; cell- 717-756-2637. Yellow Breeches Watershed Association, PO Box 5, Grantham, PA 17027
- 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/>

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

York County Conservation District - www.yorkccd.org

- Board meets 2nd Friday, 11:00 a.m. (December-March) and 2nd Thursday, 7:00 p.m. (Apr.-Nov.), at the York County ANNEX
- Contact: YCCD at 717-840-7430 or yorkccd@yorkccd.org

York County Parks & Recreation - www.YorkCountyParks.org

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

York County Planning Commission - www.ycpc.org

- Meets 1st Tuesday at 7:30 p.m., except Wed. Nov. 1 at 7:30 and Tues. Dec. 1, 6:00 p.m., at 28 E. Market St., 2nd Floor.
- Contact YCPC at 717-771-9870 or planner@ycpc.org

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

- Contact YCSWA at 717-845-1066



WATERSHED EDUCATION & OUTREACH

CBP Welcomes Input on new Bay Watershed Agreement

Chesapeake Bay Program Welcomes Stakeholder Input For A New Chesapeake Bay Watershed Agreement The Chesapeake Bay Program has accomplished a great deal since the signing of the first Chesapeake Bay Agreement in 1983 but there is still much left to be done. Three decades later, Bay Program partners are working to guide the continued evolution of the Bay ecosystem restoration and stewardship effort with the creation of a new Chesapeake Bay Watershed Agreement. This new plan for collaboration across the Bay's political boundaries will clarify our vision, mission and values and establish shared goals and outcomes for the protection, restoration and stewardship of the Bay, its tributaries and the lands that surround them. The agreement, now being drafted, is intended to encourage a forward-looking approach to conservation and restoration, focusing on immediate results and recognizing our long-term effort must be sustained by and for future generations. An abridged version is available on Bay Program partners welcome input between July 10 and August 15, 2013 on the abridged version of the agreement. During its regular monthly meeting, CBP's Management Board is also holding a listening session this Thursday, July 11 from 10 a.m. -12:30 p.m. in Annapolis, Maryland to hear from stakeholders in person or via conference call. Visit:

http://www.chesapeakebay.net/trackprogress/chesapeake_bay_watershed_agreement

MILESTONE PROGRESS BEING MADE, BUT NO JURISDICTION MEETING ALL COMMITMENTS

(ANNAPOLIS, MD) – All the jurisdictions in the Chesapeake Bay region are making progress meeting pollution reduction goals, but no jurisdiction is on track to implement all the pollution reduction practices they committed to achieve by 2013. The analysis of selected interim 2012-13 milestone goals was conducted by the Chesapeake Bay Foundation (CBF) and Choose Clean Water Coalition (CCWC). This analysis is designed to ensure that commitments are being met, and if not, that actions will be taken to compensate for any shortfall. In 2009 Chesapeake Bay jurisdictions, having missed restoration goals in the past, created two-year milestones designed to be transparent and provide accountability. This report evaluates the interim progress toward achieving the 2012-13 milestone commitments. Together with pollution limits and state specific plans, this Chesapeake Clean Water Blueprint outlines the path to the restoration of local rivers, streams, and the Chesapeake Bay. The analysis looked at practices within three pollution source categories—agricultural runoff, urban/suburban sources, and wastewater treatment—based on their potential to provide substantial nitrogen, phosphorus, and sediment pollution reductions and offer important lessons for implementation moving forward. In addition, CBF and CCWC believe that the next set of milestones, from 2014-15, should be reported at the basin or county level, as opposed to only at the state level. Local jurisdictions will play an important role in the restoration of local waterways, which is critical to long-term success. Restoring local rivers and streams, and saving the Chesapeake Bay, will provide benefits today and for future generations. If progress is not made we will continue to have polluted water, human health hazards, and lost jobs—at a huge cost to society. Reducing pollution and restoring local water quality will create jobs and enhance local economies. Copies of the state-specific milestone analyses can be found at www.cbf.org/milestones.

New Report: Catalyzing the Transformation of U.S. Water Infrastructure.

I am delighted to share a link to our newest convening report, [Catalyzing the Transformation of U.S. Water Infrastructure](#), which emerged from the rich content explored at our April convening that brought together a diverse group of experts to focus on the intersection of urban water infrastructure and climate change. We asked these experts: What can water infrastructure contribute to both mitigating climate change and adapting to its impacts? We are moving into the next phase of Charting New Waters. In [Catalyzing the Transformation of U.S. Water Infrastructure](#), you will find key outcomes and insights from April's dialogue - in particular, how advances in water infrastructure can help communities address climate change, including promising opportunities to lessen its effects and adapt to its impacts. Also presented are a framework and an initial set of recommended priority activities to advance the transformation of the nation's water infrastructure for the 21st century and beyond. Priority activities include the need to:

- Expand understanding of vulnerability
- Develop greenhouse gas emission inventories
- Strengthen collaboration between researchers and implementers
- Advance widespread adoption of green infrastructure
- Create systems for ecosystem services valuation
- Recover resources from "waste"
- Promote targeted decentralization
- Embrace and adopt smart technologies
- Integrate water resources management

Our goal at [The Johnson Foundation at Wingspread](#) is to help catalyze widespread adoption of more sustainable and resilient water infrastructure systems across the U.S. We will do this by focusing on what we do best - bringing together partners like you to explore the issue. We are equally committed to keeping the conversation going beyond the walls of Wingspread. I hope you will join us by:

Soil erosion is on the rise, scientists say

St. Louis Dispatch – When a raindrop hits the soil, it acts as kind of a miniature bomb, displacing earth in tiny but collectively significant ways. So with all the heavy rain of recent weeks and the countless miniature bomb strikes, the state's cropland is showing serious signs of stress. Soil scientists say they're seeing more erosion on farmland than they have in years. That could mean trouble for crops, particularly corn this season – and it could have long-term consequences for the state's farmland. After last year's historic drought, snow and rain in recent months have increased moisture content, but now things are shifting toward the other extreme. Read more...

http://www.stltoday.com/business/local/soil-erosion-is-on-the-rise-scientists-say/article_de04ee54-baf1-5145-9ba8-62ca9dee1a10.html

Vertical tillage results in loss of productive soil

Claiborne Progress - Since the mid-1980s, many Tennessee producers have implemented a no-till system on their land. The no-till system, which eliminates the use of full-width tillage equipment, provides both economical and conservation benefits to the producer. Prior to the adoption of no-till, the degree of top soil loss was astounding. "Average losses on sloping fields, when intensive tillage was used, ranged from 15 to 150 tons per acre per year. A 40-ton loss spread evenly over an acre in one year, if uniform, is one quarter inch of soil and would not be visible. When you can visually see soil loss, which usually involves gully erosion, very large quantities of soil are being removed from the field. This soil is the most productive soil layer that producer's need for crop production," said Dr. Don Tyler, professor at the University of Tennessee (UT) Research and Education Center at Jackson. Read more: [Claiborne Progress - Vertical tillage results in loss of productive soil](#)

Cover Crop Survey Key Findings

A total of 759 farmers completed the survey. The farmers who completed the survey used cover crops on about 218,000 acres in 2012, and expected to increase that to over 300,000 acres in 2013. Questions on cover crop adoption, benefits, challenges, and yield impacts were included in the survey. Key findings included the following:

- During the fall of 2012, corn planted after cover crops had a 9.6% increase in yield compared to side-by-side fields with no cover crops. Likewise, soybean yields were improved 11.6% following cover crops.
- In the hardest hit drought areas of the Corn Belt, yield differences were even larger, with an 11.0% yield increase for corn and a 14.3% increase for soybeans.
- Surveyed farmers are rapidly increasing acreage of cover crops used, with an average of 303 acres of cover crops per farm planted in 2012 and farmers intending to plant an average of 421 acres of cover crops in 2013. Total acreage of cover crops among farmers surveyed increased 350% from 2008 to 2012.
- Farmers identified improved soil health as a key overall benefit from cover crops. Reduction in soil compaction, improved nutrient management, and reduced soil erosion were other key benefits cited for cover crops. As one of the surveyed farmers commented, "Cover crops are just part of a systems approach that builds a healthy soil, higher yields, and cleaner water."
- Farmers are willing to pay an average (median) amount of \$25 per acre for cover crop seed and an additional \$15 per acre for establishment costs (either for their own cost of planting or to hire a contractor to do the seeding of the cover crop).

Read more... <http://www.northcentralsare.org/Educational-Resources/From-the-Field/Cover-Crops-Survey-Analysis>

What is a Nutrient Management Plan?

Farm Focus – I hear different comments about nutrient management plans (NMP) from farmers. Comments range from "My plan has really helped improve the quality and yield of my crops, I can't imagine farming without one" to "I don't see any value in it so haven't taken it off the shelf". Why the differences in experience with nutrient management planning? A definition that many governments give for an NMP is that it's a farm specific planning tool that determines the amount, timing and application of the major plant nutrients (nitrogen, phosphorus and potassium) through chemical fertilizers and/or animal manures or other products that contain nutrients while minimizing environmental risk. Don't we already do this with fertilizer plans? Read more...

<http://www.atlanticfarmfocus.ca/Opinion/Nutrient%20Management%20Corner/2013-06-20/article-3284886/What-is-a-Nutrient-Management-Plan/1>

Habitat Fragmentation – Culvert Blockages and Solutions

The Bucks County Chapter of Trout Unlimited (Pennsylvania) and the Cooks Creek Watershed Association were featured in the Summer 2013 edition of Trout magazine, TU's national publication, for their [culvert inventory work in the Cooks Creek watershed](#). Princeton Hydro was glad to assist via directly investigating and training of volunteers to inspect and document potential culverts in need of retrofit. Princeton Hydro also completed design concepts and opinion of costs for two example culverts. Identified culverts in need of retrofit will help the creek's wild brown and brook trout. Princeton Hydro based the training on the Vermont guidelines for rating culverts for pass-ability. In this small watershed a total of 97 culverts were identified with 32 of them as potential barriers, and 11 identified as "high priority" in need of retrofit. Why worry about culverts, you say? Read more... http://www.princetonhydro.com/blog/culvert-blockages-and-solutions/?goback=.gde_2555788_member_256351826

Planning Begins for New Stream Restoration Initiative

In a first of its kind effort, Governor Martin O'Malley met with teachers and educators from across the State on July 2 to explore how the next generation of Marylanders could [help restore the Bay](#), one stream at a time. Under this new statewide stream restoration initiative, schools would adopt the streams and tributaries on their property and turn their restoration into a learning experience.

Kid-Safe Waters: A New Aquatic Resource Protection Goal?

The waters nearest 80% of all American homes are probably unfit for wading, swimming and other forms of direct contact. On the East Coast, many of these degraded waters are no more than a 15-minute walk from most homes. While adults may be aware that these waters are unsafe, our children are not. And keeping our kids from playing in these waters is challenging. So our only alternative is to restore these waters to a condition suited to an aquatic playground. Adopting Kid-Safe Waters aquatic resource protection goal may be an essential next step. To learn more, visit: cedsnews.com

State Agencies Issue Alert to Contain Invasive Species in Lycoming County

HARRISBURG -- After confirming the presence of the invasive aquatic algae known as didymo, or "rock snot," in Pine Creek, Lycoming County, anglers and boaters are reminded that cleaning their gear is the easiest, most effective means of preventing its spread to other waters. In late June, DEP biologists were conducting routine stream monitoring in Pine Creek upstream of Waterville in the vicinity of the Hamilton Bottom Canoe Access Area, a popular recreational destination. Laboratory analysis of a sample collected using an algal net detected the presence of didymo in the form of microscopic diatoms, a finding confirmed by the National Academy of Sciences. The Pennsylvania Fish and Boat Commission (PFBC) continued to urge anglers and boaters to take steps to prevent the spread of the algae. The discovery of the algae in a popular recreational area potentially increases the risk of its movement to other waters in Pennsylvania. Prior to detecting didymo in Pine Creek, the alga was found in the Youghiogheny River watershed in Fayette County, in the West Branch and main stem of the Delaware River, and in Dyberry Creek in Wayne County. The PFBC recommends that anglers allow exposed equipment to completely dry before entering new waters. After equipment is dry to the touch, allow it to dry another 48 hours, the commission suggests. Thick and dense material, such as life jackets and felt-soled wading gear, will hold moisture longer, take longer to dry, and can be more difficult to clean. Soaking equipment in hot water containing dishwashing detergent (two cups of detergent for every two and a half gallons of water) for 20 minutes or more also will kill didymo and some other aquatic invasive species. Cleaning boats and equipment with hot water (maintained at 140 degrees Fahrenheit) by pressure washing or soaking is another effective method. If hot water is not available, a commercial hot water car wash also makes a good location to wash boats, motors and trailers. At the other end of the temperature range, freezing items solid for at least 24 hours is effective. If cleaning, drying or freezing is not practical, please restrict the equipment's use to a single waterway. Didymo is not a public health hazard, but it can cause ecological damage by smothering other organisms which also live on the riverbed and support the food web for the resident fish community. The algae, whose scientific name is "Didymosphenia geminata," has colloquially been called "rock snot" because of its appearance. When squeezed nearly dry, the algae, generally tan to beige in color, actually has the feel of moist cotton or wool. For more details on how to stop the spread of didymo, visit http://www.fishandboat.com/water/habitat/ans/didymo/faq_didymo.htm. For more information on how to clean your gear, visit <http://fishandboat.com/cleanyourgear.htm>.



WATERSHED FACILITATION ASSISTANCE

Susquehanna Gateway Flatwater Challenge – Jul 20

Sponsored by: Susquehanna Gateway Heritage Area. Saturday, July 20, 2013 at 10:00 AM (EDT), Airville, PA. Event will be held at the Indian Steps Museum, 205 Indian Steps Road, Airville, PA 17302. It will be held Rain or Shine. The race will begin approximately 10:00 AM. Race meeting will begin at 9:30 AM. Awards will be given to the top 3 finishers in each class. Awards ceremony will be held following the completion of the races. <http://www.susquehannaheritage.org/>

2013 Secchi Dip-In is in full swing – Jul 21

This is just a reminder that the Secchi Dip-In is in full swing. The target dates started June 29 and will continue until July 21. If you have or will collect Secchi or turbidity data between or near those dates, you are invited to participate. Please see our website (<http://www.secchidipin.org>) for instructions and results through 2012. Please write me if you have any questions. If you find the on-line questionnaire difficult to use (it can be), please download a pdf file of the questionnaire and send in a paper copy.

DEP Webinar on Policy on Public Participation in the Permit Review Process – Jul 22

The Department of Environmental Protection recently published draft Policy on Public Participation in the Permit Review Process. This important draft policy establishes a framework for the public's ability to review and provide comments on permits or authorizations under review by DEP. The draft policy was published in the Pennsylvania Bulletin on June 29 and can be found here: <http://www.pabulletin.com/secure/data/vol43/43-25/1120.html>. The deadline to comment on the draft policy is July 22.

Federal Involvement in Real Estate: A Call to Action – Jul 27

Smart Growth America and LOCUS, our coalition of responsible real estate developers and investors, have developed a set of policy recommendations for federal real estate programs. Join us for an online event about this new platform. When: Thursday, July 25, 2013 - 11:00 AM EDT. Speakers: Geoff Anderson, President and CEO, Smart Growth America; Chris Leinberger, President, LOCUS; Ilana Preuss, Vice President and Chief of Staff, Smart Growth America; Frank Alexander, Sam Nunn Professor of Law, Emory University; Dennis Allen, Director of Planning and Development, ZRZ Realty; Richard Baron, President, McCormack Baron Salazar; Eric Larson, Managing Partner, Bedrock Real Estate Services. Register at the link: <https://cc.readytalk.com/cc/s/registrations/new?cid=rzvnrc7qcc4b>. Call-in information will be emailed to registrants.

2013 Watershed Weekend Venue Sponsor Registration Open – Jul 31

The Watershed Alliance of York (WAY) is excited to announce the 11th Annual Watershed Weekend, on September 28 and 29, 2013, in York County and beyond. The purpose of the Watershed Weekend is to increase public awareness about the importance of their watersheds to the local community, economy, and public health. The idea is to encourage as many conservation, environmental and watershed groups, local authorities and governing agencies, for-profits and non-profits, schools, and other stakeholder groups to plan and sponsor one activity locally that will draw people to your watershed and allow them to participate in some manner while learning more about your organization and watershed. Venue sponsors will be responsible for planning, staffing and facilitating one activity on the dates, times and location(s) of their choosing. Already have an activity planned between September 14 and 30? Appropriate planned activities are eligible for inclusion in Watershed Weekend. WAY will serve a central coordinating role handling advertising and promotion and provide technical assistance for the venue, and our responsibility will be to get as many organizations and people involved in Watershed Weekend as possible. Financial assistance is available to sponsors of watershed cleanup activities to help defray the cost associated with waste disposal, handling, and transport. What type of venue should you sponsor? Experience shows us that people want to learn and engage in most hands on activities where they can see some results. Some examples for you to consider are educational workshops, fundraisers, litter cleanups, tree plantings, and outdoors recreational activities. Be creative and use your imagination! We recommend that you keep it simple, fun and safe. If you or your organization would like to sponsor a venue in your watershed, complete the Watershed Weekend Venue Sponsor Registration

form attached, and return it to us by July 31, 2012, either by mail, e-mail or fax. Your sponsored venue information will be included in our Watershed Weekend Guide to be released to the public on September 1st. For more information about Watershed Weekend 2013, contact Gary R. Peacock of WAY by calling 717-840-7687 or e-mailing gpeacock@yorkccd.org<<mailto:gpeacock@yorkccd.org>>. Learn more about WAY, a public-private partnership, at www.watershedsyork.org<<http://www.watershedsyork.org>>. We hope see you during Watershed Weekend! Mark Snyder, WAY President.

3rd Annual Poster Session Networking Event – Registration NOW Open! – Aug 16

The networking poster session will return Saturday evening, September 28, 2013 at the 8th annual Chesapeake Watershed Forum. The goal of the poster session is for individual presenters to share their work in a visual format with conference attendees. Posters will be judged by your peers, and “Best Poster Awards” will be given. Go to the Alliance for the Chesapeake Bay Forum website for more information and the on-line registration link to submit your poster abstract. (If you are a Chesapeake Conservation Corps volunteer please contact Tara Baker at the Chesapeake Bay Trust for information on poster submission.)

<https://allianceforthebay.org/our-work/engaging-local-communities/chesapeake-watershed-forum/poster-contest/>

Deadline for poster submissions is August 2, 2013. Due to space limitations, not all poster presentations will be accepted. Decisions will be made by August 16, 2013.

LandStudies' Litz Region Healthy Watersheds Tour- Aug 18

LandStudies has designed and built nearly 100 green infrastructure sites in Pennsylvania, with approximately 30 located near our Litz (Lancaster County) Pennsylvania office. LandStudies will share its vast experience in water resource management and watershed planning with Tour participants for the purpose of ensuring EPA compliance, improving community well-being and providing economic value to stakeholders. The hands-on educational Tour showcases nearby green infrastructure sites (with up to 15 years of performance history) and cost-effective best management practices that stack environmental and regulatory benefits. Tour Sites Demonstrate:

- Alternative stormwater management techniques
- Groundwater infiltration in karst geology
- Nutrient and sediment pollution reduction
- Water quality improvement to meet municipal MS4 and TMDL requirements
- Pollution reductions in accordance with the Chesapeake Bay Watershed Implementation Plan
- Increased stormwater attenuation to potentially reduce localized peak flooding

General Tours are being offered during the upcoming summer months. Check below for upcoming General Tour dates: August 13th, 2013 Professional and September 18th, 2013 General. All General Tours are from 9:00am–3:00pm. Ticket prices are \$80 per person. Professional Development Credits are coming soon! Lunch and a light breakfast are included. Please dress accordingly for being outdoors and bring comfortable walking shoes that can get dirty or wet. Some of the sites may be muddy. Itinerary and directions will be mailed or emailed to you closer to the Tour date. Itinerary may be subject to change depending on weather conditions. For groups of 10 or more or to schedule a Custom Tour please contact a LandStudies employee at 717-627-4440.

Save the Date York Conference – Sep 7

Just wanted to let you know that PBCCG has an exciting annual conference this year with INCREDIBLE speakers and workshops made possible through Socially Responsible Agriculture Project. It's all about new tools in the toolbox and empowering communities in local governance. I am pleased to announce that we will be holding the conference in York at the UUCY (Unitarian Universalist Congregation of York) on Sat Sep 7th from 12:30-4:30. Directions: <http://www.bing.com/maps/default.aspx?v=2&pc=FACEBK&mid=8100&rtp=adr.~pos.39.949195514466-76.720447161761-Unitarian+Universalist+Congregation+of+York+925+South+George+Street%2C+York%2C+Pennsylvania&cp=39.949195514466~-76.720447161761&lvl=16&sty=r&rtop=0~0~0~&mode=D&FORM=FBKPL1&mkt=en-US>. RESERVE YOUR SEAT NOW! Call Maria at 717 826 7286 or 717 456 5800 or email at pavans@zoominternet.net. Cost is \$ 25. Lunch will be included. We decided to have our conference in Sept is so we can provide a farm fresh meal where the food will come from our greatest pride, our local farms !!! You can reserve your seat by clicking on the donate button on our website here: <http://www.pbccg.com/> or you can mail a check to: PBCCG, PO BOX 307, Delta, PA 17314.

Implementing Green Infrastructure at Multiple Scales – Sep 9

Date: 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.

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

Spoutwood Farm Presents The 9th Annual Mother Earth Harvest Moon Fair – Sep 22

Sunday, Sept 22, 2013 10am to 5pm. Please Join Us!!! Return Vendors/Exhibitors: Fill out the registration form found at www.spoutwood.org. We will then respond back with Welcome and Instructions. Easy! And you get it done Now! New Vendors/Exhibitors: We welcome new vendor applications! Fill out the form attached. We will review your application to make sure you jive with the festival theme! Send or email it to us and we'll respond. Call if you want to talk to someone ([717-521-2247](tel:717-521-2247)). Thank You ~ Mother Earth and Spoutwood Fair Planning Committee. Here's Some General Fair Info:

- The Ninth Annual Mother Earth Harvest Moon Fair takes place Sunday, September 22nd, 2013 from 10am-5pm, once again hosted by Spoutwood Farm in Glen Rock, PA.
- The fair includes vendors, performances, workshops, fun, food, and more will be held on Sunday. Saturday fair staff will be on-hand to allow vendor set-up. Spoutwood will also be hosting a variety of Harvest Fair themed workshops on Saturday. Please consider registering for a workshop after you set up!
- This year's the festival springboards off last year's successful hands on focus. This year we're expanding what we're offering adding an ATM to support vendor and exhibitor sales! The Mother Harvest Moon Fair will be a true Celebration of Life in York County.

- Free Entrance Fee for Kids and Parking In order to keep The Mother Earth Harvest Moon Fair family friendly, kids
- 12 and under are free and adults only \$5. Parking at the farm across the road will run \$3/ vehicle.

SEEKING FOCUS GROUP PARTICIPANTS

Participate in one 2-hour focus group and earn \$50 and free gift bag. Light dinner provided. Do you live in Lancaster, York or Franklin County? Are you interested in sharing your opinions about the environment? You may qualify to participate in an upcoming research study facilitated by Land Logics Group. INTERESTED IN LEARNING MORE? If so, complete a brief screening survey. Qualified candidates will be contacted with more information. Scan QR Code with your smart phone to complete screening survey. To complete survey: Go to <https://www.surveymonkey.com/s/SwimFishH2o> or call 717-325-4347.



WATERSHED FINANCIAL ASSISTANCE

Commonwealth Financing Authority Accepting Flood Project Applications – Jul 31

The Corbett Administration announced Thursday the [Commonwealth Financing Authority](#) will begin accepting applications for a program established by the Act 13 Marcellus Legacy Fund to support flood mitigation throughout the state. The deadline for applications is July 31 for consideration at the November 13 CFA meeting. The CFA offers other project funding opportunities under Act 13, including: [abandoned mine, watershed, recreation funding, alternative, clean energy funding, high performance building funding](#) and [PennWorks Program](#) water supply, wastewater infrastructure funding. Applicants can begin applying immediately under the new guidelines for the Act 13 Programs through DCED's electronic single application system. [Note: The guidelines will be posted soon on the [CFA's webpage](#).] The programs are administered jointly by the Department of Community and Economic Development, the Department of Conservation and Natural Resources, and the Department of Environmental Protection, under the direction of the CFA and DCNR. Notify Your Legislators: If you plan to apply for funding under this program, PA Environment Digest strongly urges you to notify your local House and Senate member that you have applied and make sure they know how important it is to you. For more information, visit the [Commonwealth Financing Authority](#) website. Eligible applicants are encouraged to contact Brian Eckert or Matthew Karnell at 717-787-6245 to discuss potential projects before commencing the application process.

\$4.5 Million Available for Capacity Building in Sustainable Communities – Aug 7

HUD has announced a Notice of Funding Availability (NOFA) for \$4.5 million in grants on behalf of the Partnership for Sustainable Communities. Successful grantees will provide capacity-building support for communities engaged in planning efforts that support community involvement and integrate economic and workforce development, housing, land use, land cleanup and preparation for reuse, transportation, and infrastructure investments. An informational webinar on the NOFA will be held on July 16. Contact Dwayne.S.Marsh@hud.gov for webinar registration information. Proposal Due Date: August 7, 2013.

<http://www.grants.gov/search/search.do;jsessionid=L3RLRMTGnyZ7JTbbML2FSxiVRJPXYGH3CvwXmqL5hMTmTq81vGnM!-1329833229?oppld=236800&mode=VIEW>

Reminder: Foundation For PA Watersheds Grant Applications Due – Aug 9

The [Foundation for PA Watersheds](#) is now accepting applications for watershed restoration grants. The Foundation has a second round of grants available in the Fall. Letters of interest are due on August 9. Applications are due September 20. [Click Here](#) for more information.

2013 Growing Greener Plus – Aug 16

2013 Growing Greener Plus application package (including Growing Greener, 319, AMD set-aside and, SMCRA bond forfeiture) will be announced and released in the June 22nd PA Bulletin. This is a bit later than we would have liked, but we are doing our best to get this announcement to be released in early June annually. Expect that we will continue to try to get the release date in early June, and hopefully next year we will get there. The closing date for this year's application submission will be August 16th. That will give folks about 56 days to get an application in, once the application package is released to the public. I would encourage you to begin now, if you have not already, to develop your ideas for submission under these grant programs.

Apply for DEP's Energy Efficiency, Pollution Prevention Grants – Sep 6

Governor Tom Corbett today encouraged Pennsylvania small-business owners to apply for DEP's Small Business Advantage Grant to finance pollution prevention and energy efficiency projects. Businesses can apply for 50-percent matching funds of up to \$9,500 to adopt or acquire energy-efficient or pollution-prevention equipment or procedures. Applicants must be a for-profit corporation, limited liability corporation, partnership, sole proprietorship or other legal entity with 100 or fewer full-time employees. The grant-supported project must be located in Pennsylvania, be owned by the applicant and save the business at least 25 percent plus \$500 in annual energy consumption or in pollution handling or prevention related expenses. Applicants may be manufacturers, retailers, service providers, mining operators or agricultural businesses. Eligible projects include HVAC and boiler upgrades, high-efficiency lighting, solvent recovery systems, waste recycling systems and auxiliary power units deployed as anti-idling technology for trucks. The application deadline is Sept. 6. Eligible applications will be approved on a first-come, first-served basis from July 8 through Sept. 6 or until funds are exhausted, whichever comes first. Funding is eligible for those costs incurred between July 8, 2013 and June 30, 2014. Applications must be mailed to the Department of Environmental Protection's Grant Center, P.O. Box 8776, Harrisburg, PA 17105-8776 or hand delivered to DEP's Grant Center, 15th Floor, Rachel Carson State Office Building, 400 Market St., Harrisburg, PA 17101-2301. Faxes or electronic submissions will not be accepted. For more information and to view the application package, instructions and application form, visit www.dep.state.pa.us and click on the "Small Business Advantage Grant" button. To contact the Small Business Ombudsman's Office, call 717-772-8909 or email epadvantagegrant@pa.gov.

PEMA Fire Company, Ambulance Service Grants - Oct 23

The PA Emergency Management Agency [published a notice](#) announcing it will start accepting applications for its Fire Company and Volunteer

The End of Cheap Water?

The costs of rebuilding our nation's water infrastructure are jaw dropping: estimates range from \$300 billion to \$1 trillion needed over the next 30 years. Add in the cost to develop new water supplies, treatment plants and transmission systems to accommodate growth—\$20 billion for new reservoirs and pipelines in North Texas, \$7 billion for a pipeline in Las Vegas—and the numbers really start to make the mind reel. Investing in our nation's infrastructure and water security is a necessity. But what we invest in is a choice we should not take lightly—not when the costs are so high. And not when water rates are already straining the ability to pay of America's most vulnerable. While it's become a platitude that Americans pay too little for water to care how much they use, the reality is that the costs of water services are outpacing the cost gains of every other basic service—faster than electricity, faster than solid waste, faster even than cable television. And while many of us can afford it, in some communities, the cost of clean drinking water strains the bounds of affordability: a study by the University of North Carolina found that low-income households are paying as much as 8% of annual income for water services. - See more at: <http://www.americanrivers.org/newsroom/blog/iodefey-20130701-the-end-of-cheap-water.html#sthash.dhkubsR3.dpuf>. “



WATERSHED TECHNICAL ASSISTANCE

SRBC's Water Resources Program for Fiscal Years 2014-2015

I am pleased to present the Susquehanna River Basin Commission's Water Resources Program for Fiscal Years 2014-2015 at <http://www.srbc.net/planning/water-resources-program.htm>. SRBC is required by the Susquehanna River Basin Compact to produce a Water Resources Program annually and distribute it to the public. The Water Resources Program lists projects and facilities to be undertaken by SRBC and other governmental and non-governmental interests to meet the water resource needs of the Susquehanna River Basin. If you have any questions, please contact Mr. David Heicher at dheicher@srbc.net or (717) 238-0423, ext. 110.

The future of 4R nutrient stewardship

Agprofessional – International Plant Nutrition Institute via Ag Professional. The 4Rs of nutrient stewardship — right source, right rate, right time, and right place — are factors that have been investigated by crop and soil scientists for decades. With such a rich history, does agriculture really have anything new to bring to these management practices? Read more... <http://www.agprofessional.com/resource-centers/crop-fertility/news/The-future-of-4R-nutrient-stewardship-213029651.html?ref=651>

Free Whitepaper: "The Best Water Data Possible! 5 Key Requirements for Modern Systems."

The best possible water data quality, timeliness, and affordability can only be realized with a hydrological data management system that meets 5 key requirements. This whitepaper discusses how current best practices for water data processing can be achieved by monitoring agencies of all sizes with a scalable, modern system.

- Secure, Centralized Data Management - Increase data consistency, reliability, security, and defensibility while gaining processing efficiencies.
- Evidence-Based Analysis - Leverage modern systems to make hydrological data correction, analysis, modeling, and diagnostics easier for more accurate water information.
- Automated, Real-Time Data Processing - Improve the timeliness of your water data products and services with real-time quality controls and alerts.
- Data Standards & Procedures - Achieve compliance to evolving international standards and improve data consistency with visualization tools and training.
- Water Data Dissemination - Take advantage of modern strategies for data sharing, inter-operability, reporting, and publishing, to ensure that water information is available for the right people, at the right time, in the right place.

Contact: Bill Pope, Aquatic Informatics Inc. T: 1.877.870.2782 or 1.604.873.2782. E-mail: bill.pope@aquaticinformatics.com. Web: www.aquaticinformatics.com

Model Program to Assist State Septic Programs in Managing Water Quality Impacts in the Chesapeake Bay Watershed

EPA has released its model program for onsite systems management in the Chesapeake Bay Watershed. The document provides technical information regarding the elements of a model program for onsite wastewater treatment systems, incorporating key recommendations to effectively and efficiently manage nitrogen treatment systems. The Agency's model program will help provide state onsite programs with the tools that they need to more effectively manage nutrients entering the Bay from onsite systems, which will help improve water quality in the Bay. Development of the model program is part of the Agency's efforts to implement Executive Order 13508 on Chesapeake Bay Protection and Restoration, issued on May 12, 2009, which renewed the federal commitment to restoring and protecting the health of the Chesapeake Bay. For additional information: <http://executiveorder.chesapeakebay.net/>

Fluid Fertilizer Journal Article Provides Overview and Update of 4R Effort

This spring The Fertilizer Institute was invited to prepare an article on the 4Rs for the Fluid Fertilizer Journal. The article is included in the current issue and can be accessed at <http://www.fluidjournalonline.com/>. The article, "4Rs on Fertile Ground," prepared by TFI's Director of Stewardship Programs Lara Moody, provides an overview and updates on efforts in the U.S.

Urban Forest Assessment Resource Guide

A variety of assessment tools have been developed to help officials understand the benefits that urban forests provide, and to help quantify these benefits. This new guide provides the latest framework for practitioners interested in conducting urban forest ecosystem assessments. This guide includes an overview of urban forest management and a section on how to choose an urban forest assessment tool.

Planning for Sustainability: Creating Livable, Equitable and Ecological Communities, 2nd Edition

The revised second edition of this book presents an introduction to the concept of planning for more sustainable and livable communities. The text explores topics such as how compact and walkable cities and towns might be created, how local ecosystems can be restored, how social inequalities might be reduced, and how greenhouse gas emissions might be lowered.

<http://www.routledge.com/books/details/9780415809894/>

CNU 21 Plenary and Session Videos Now Available

Many of the sessions from the 2013 Congress for New Urbanism's annual meeting (CNU 21) are now available for viewing on YouTube. Some of the featured sessions include Tactical Urbanism; Placemaking through Community Engagement; and Removing Obstacles to Mixed-Use Developments. <http://www.youtube.com/user/Congress4NewUrbanism/videos>

Technical Guidance & Permits

The Department of Environmental Protection [published a notice](#) inviting comments on Act 537 Program Guidance on Training Provider Manual for Onlot Sewage System Training. DEP also [published notice](#) modifying Chapter 105 Water and Obstruction and Encroachment General Permits GP 1 through GP-11 and GP-15 to be consistent with revised regulations and fees recently adopted by the Environmental Quality Board. Draft: DEP ID: 385-2314-001. Title: Act 537 Program Guidance; Training Provider Manual for the Pennsylvania Onlot Sewage System Training Program. Description: The purpose of this document is to establish uniform procedures and protocol for reviewing and approving third-party provider-based training courses for prerequisite training for sewage enforcement officer (SEO) certification, continuing education of SEOs and for the training of onlot sewage system installers to ensure application of appropriate credit for completed training. This document also provides for uniform procedures and protocols for reviewing and approving conferences as continuing education for sewage enforcement officers. The substantive revisions clarify that the guidance applies to prerequisite training for SEO certification as well as continuing education training for SEOs and training for onlot sewage system installers.

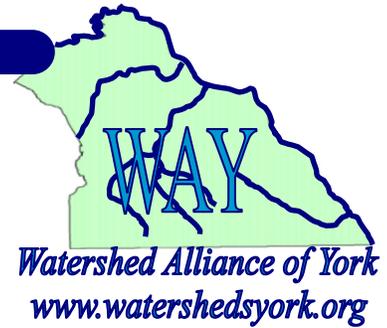
Proposals Currently Open for Comment

Date Published In PA Bulletin	Proposal	Comment Deadline
6/15/2013	Nutrient Credit Trading Program; Notice of Certification Requests PA Bulletin Notice	7/15/2013
6/15/2013	Draft Technical Guidance 391-2300-002--Operator Certification Program State Board for Certification of Water and Wastewater Systems Operators PA Bulletin Notice	7/15/2013
6/22/2013	Draft Technical Guidance 012-0900-003--Policy on Public Participation in the Permit Review Process PA Bulletin Notice Draft guidance document	7/22/2013



WAY E-NEWS

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



Monday, July 15, 2013

A PUBLIC-PRIVATE PARTNERSHIP

Volume 13, Issue 14

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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

- July 8 – Meeting of Members and Board, 7:00 pm, at York Water Co. (Mt. Rose Ave.)
- Contact: Jim Leaman at 843-2929

Codorus Endowment Implementation Committee - www.yccf.org

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

Codorus State Park

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

Conewago Canoe Club - www.conewagocanooclub.org

- Club Meets bi-monthly at Mount Zion United Church of Christ, 7:00 pm, at Ridgewood Road in Pleasureville
- Questions or comments e-mail me oc1mike@comcast.net, 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

- 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

- 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

- Support Lower Susquehanna Riverkeeper and Clean Water - We are working on a shoestring budget. In our 8th year of working for you and all of our children's futures, we've become accustomed to tight budgets. From the very beginning an amazing foundation called the Keith Campbell Foundation for the Environment has been matching our members' contributions. They have now DOUBLED even that commitment! For every dollar you give, they will give us TWO! A \$50 family membership from you today puts \$150 into our efforts to protect and improve our communities, creeks, and the Susquehanna River. We know it is a tough economy, and that's why we don't ask often, but with that tough economy comes more and more attacks on our waterways and landscapes. Too often people see the creeks and rivers as a cheap place to dump their pollution. Now, more than ever, we need to push back against this mentality. And no matter how cliché it sounds this water, these creeks and rivers, need to support all of our children, grandchildren, and all future generations. Please help us leave them the legacy of healthy, prosperous, and fun creeks, communities, and Susquehanna River by donating to our work today @ www.LowerSusquehannaRiverkeeper.org.
- Contact: Michael Helfrich, Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: lawsusriver@hotmail.com.

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

- Contact: Rupert Rossetti, Tributary Team Coordinator, e-mail: RupertRossetti@aol.com

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

- 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@jhmi.edu

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

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

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

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

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

- May 22 – Board of Directors meeting, 6:30 PM, at Spoutwood Farm Center.
- Contact Rob & Lucy Woods at Spoutwood Farm at 717-235-6610 or spoutwood@comcast.net.

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

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

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

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

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

- Monthly Chapter Meetings 2nd Wednesday, 7:00 p.m.,
- Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

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

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

Watershed Alliance of York – www.watershedsyork.org

- July 10, 2013 – Annual Meeting of WAY Board of Directors, 7:00 PM, at The York Water Co., Mt. Rose Ave.
- WAY E-News – Published by the Watershed Alliance of York, Inc. to inform the public about news and information that affect York County watersheds and beyond. 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

- Yellow Breeches Paddle Cleanup Jun 23 – Hello sojourners and friends of the Yellow Breeches Creek! Please join the YBWA for an on-the-water paddle cleanup of litter and debris from the Yellow Breeches Creek. Ages 11 and up welcome. YBWA t-shirt, brown-bag lunch, and dinner will be provided for each person that mails in their registration forms by June 10th. Information and registration forms are attached below and are available on our website, ybwa.org. Volunteers are needed on the ground and on the water in boats. Please consider giving your time and effort to take care of the PA Scenic River and treasure that flows through our local community. Did I mention that the Yellow Breeches Creek is the source of your drinking water? The Breeches needs our attention. Please help. Feel free to email or call us with any questions; and by all means, please share with your friends. Thanks! Hope to hear from you! Debbie Goetz deborah.p.goetz@gmail.com; cell- 717-514-4288, or Brook Lenker, brooklenker@comcast.net; cell- 717-756-2637. Yellow Breeches Watershed Association, PO Box 5, Grantham, PA 17027
- 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/>

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

York County Conservation District – www.yorkccd.org

- Board meets 2nd Friday, 11:00 a.m. (December-March) and 2nd Thursday, 7:00 p.m. (Apr.-Nov.), at the York County ANNEX
- Contact: YCCD at 717-840-7430 or yorkccd@yorkccd.org

York County Parks & Recreation – www.YorkCountyParks.org

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

York County Planning Commission - www.ycpc.org

- Meets 1st Tuesday at 7:30 p.m., except Wed. Nov. 1 at 7:30 and Tues. Dec. 1, 6:00 p.m., at 28 E. Market St., 2nd Floor.
- Contact YCPC at 717-771-9870 or planner@ycpc.org

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

- Contact YCSWA at 717-845-1066



WATERSHED EDUCATION & OUTREACH

CBP Welcomes Input on new Bay Watershed Agreement

Chesapeake Bay Program Welcomes Stakeholder Input For A New Chesapeake Bay Watershed Agreement The Chesapeake Bay Program has accomplished a great deal since the signing of the first Chesapeake Bay Agreement in 1983 but there is still much left to be done. Three decades later, Bay Program partners are working to guide the continued evolution of the Bay ecosystem restoration and stewardship effort with the creation of a new Chesapeake Bay Watershed Agreement. This new plan for collaboration across the Bay's political boundaries will clarify our vision, mission and values and establish shared goals and outcomes for the protection, restoration and stewardship of the Bay, its tributaries and the lands that surround them. The agreement, now being drafted, is intended to encourage a forward-looking approach to conservation and restoration, focusing on immediate results and recognizing our long-term effort must be sustained by and for future generations. An abridged version is available on Bay Program partners welcome input between July 10 and August 15, 2013 on the abridged version of the agreement. During its regular monthly meeting, CBP's Management Board is also holding a listening session this Thursday, July 11 from 10 a.m. -12:30 p.m. in Annapolis, Maryland to hear from stakeholders in person or via conference call. Visit:

http://www.chesapeakebay.net/trackprogress/chesapeake_bay_watershed_agreement

MILESTONE PROGRESS BEING MADE, BUT NO JURISDICTION MEETING ALL COMMITMENTS

(ANNAPOLIS, MD) – All the jurisdictions in the Chesapeake Bay region are making progress meeting pollution reduction goals, but no jurisdiction is on track to implement all the pollution reduction practices they committed to achieve by 2013. The analysis of selected interim 2012-13 milestone goals was conducted by the Chesapeake Bay Foundation (CBF) and Choose Clean Water Coalition (CCWC). This analysis is designed to ensure that commitments are being met, and if not, that actions will be taken to compensate for any shortfall. In 2009 Chesapeake Bay jurisdictions, having missed restoration goals in the past, created two-year milestones designed to be transparent and provide accountability. This report evaluates the interim progress toward achieving the 2012-13 milestone commitments. Together with pollution limits and state specific plans, this Chesapeake Clean Water Blueprint outlines the path to the restoration of local rivers, streams, and the Chesapeake Bay. The analysis looked at practices within three pollution source categories—agricultural runoff, urban/suburban sources, and wastewater treatment—based on their potential to provide substantial nitrogen, phosphorus, and sediment pollution reductions and offer important lessons for implementation moving forward. In addition, CBF and CCWC believe that the next set of milestones, from 2014-15, should be reported at the basin or county level, as opposed to only at the state level. Local jurisdictions will play an important role in the restoration of local waterways, which is critical to long-term success. Restoring local rivers and streams, and saving the Chesapeake Bay, will provide benefits today and for future generations. If progress is not made we will continue to have polluted water, human health hazards, and lost jobs—at a huge cost to society. Reducing pollution and restoring local water quality will create jobs and enhance local economies. Copies of the state-specific milestone analyses can be found at www.cbf.org/milestones.

New Report: Catalyzing the Transformation of U.S. Water Infrastructure.

I am delighted to share a link to our newest convening report, [Catalyzing the Transformation of U.S. Water Infrastructure](#), which emerged from the rich content explored at our April convening that brought together a diverse group of experts to focus on the intersection of urban water infrastructure and climate change. We asked these experts: What can water infrastructure contribute to both mitigating climate change and adapting to its impacts? We are moving into the next phase of Charting New Waters. In [Catalyzing the Transformation of U.S. Water Infrastructure](#), you will find key outcomes and insights from April's dialogue - in particular, how advances in water infrastructure can help communities address climate change, including promising opportunities to lessen its effects and adapt to its impacts. Also presented are a framework and an initial set of recommended priority activities to advance the transformation of the nation's water infrastructure for the 21st century and beyond. Priority activities include the need to:

- Expand understanding of vulnerability
- Develop greenhouse gas emission inventories
- Strengthen collaboration between researchers and implementers
- Advance widespread adoption of green infrastructure
- Create systems for ecosystem services valuation
- Recover resources from "waste"
- Promote targeted decentralization
- Embrace and adopt smart technologies
- Integrate water resources management

Our goal at [The Johnson Foundation at Wingspread](#) is to help catalyze widespread adoption of more sustainable and resilient water infrastructure systems across the U.S. We will do this by focusing on what we do best - bringing together partners like you to explore the issue. We are equally committed to keeping the conversation going beyond the walls of Wingspread. I hope you will join us by:

Soil erosion is on the rise, scientists say

St. Louis Dispatch – When a raindrop hits the soil, it acts as kind of a miniature bomb, displacing earth in tiny but collectively significant ways. So with all the heavy rain of recent weeks and the countless miniature bomb strikes, the state's cropland is showing serious signs of stress. Soil scientists say they're seeing more erosion on farmland than they have in years. That could mean trouble for crops, particularly corn this season – and it could have long-term consequences for the state's farmland. After last year's historic drought, snow and rain in recent months have increased moisture content, but now things are shifting toward the other extreme. Read more...

http://www.stltoday.com/business/local/soil-erosion-is-on-the-rise-scientists-say/article_de04ee54-baf1-5145-9ba8-62ca9dee1a10.html

Vertical tillage results in loss of productive soil

Claiborne Progress - Since the mid-1980s, many Tennessee producers have implemented a no-till system on their land. The no-till system, which eliminates the use of full-width tillage equipment, provides both economical and conservation benefits to the producer. Prior to the adoption of no-till, the degree of top soil loss was astounding. "Average losses on sloping fields, when intensive tillage was used, ranged from 15 to 150 tons per acre per year. A 40-ton loss spread evenly over an acre in one year, if uniform, is one quarter inch of soil and would not be visible. When you can visually see soil loss, which usually involves gully erosion, very large quantities of soil are being removed from the field. This soil is the most productive soil layer that producer's need for crop production," said Dr. Don Tyler, professor at the University of Tennessee (UT) Research and Education Center at Jackson. Read more: [Claiborne Progress - Vertical tillage results in loss of productive soil](#)

Cover Crop Survey Key Findings

A total of 759 farmers completed the survey. The farmers who completed the survey used cover crops on about 218,000 acres in 2012, and expected to increase that to over 300,000 acres in 2013. Questions on cover crop adoption, benefits, challenges, and yield impacts were included in the survey. Key findings included the following:

- During the fall of 2012, corn planted after cover crops had a 9.6% increase in yield compared to side-by-side fields with no cover crops. Likewise, soybean yields were improved 11.6% following cover crops.
- In the hardest hit drought areas of the Corn Belt, yield differences were even larger, with an 11.0% yield increase for corn and a 14.3% increase for soybeans.
- Surveyed farmers are rapidly increasing acreage of cover crops used, with an average of 303 acres of cover crops per farm planted in 2012 and farmers intending to plant an average of 421 acres of cover crops in 2013. Total acreage of cover crops among farmers surveyed increased 350% from 2008 to 2012.
- Farmers identified improved soil health as a key overall benefit from cover crops. Reduction in soil compaction, improved nutrient management, and reduced soil erosion were other key benefits cited for cover crops. As one of the surveyed farmers commented, "Cover crops are just part of a systems approach that builds a healthy soil, higher yields, and cleaner water."
- Farmers are willing to pay an average (median) amount of \$25 per acre for cover crop seed and an additional \$15 per acre for establishment costs (either for their own cost of planting or to hire a contractor to do the seeding of the cover crop).

Read more... <http://www.northcentralsare.org/Educational-Resources/From-the-Field/Cover-Crops-Survey-Analysis>

What is a Nutrient Management Plan?

Farm Focus – I hear different comments about nutrient management plans (NMP) from farmers. Comments range from "My plan has really helped improve the quality and yield of my crops, I can't imagine farming without one" to "I don't see any value in it so haven't taken it off the shelf". Why the differences in experience with nutrient management planning? A definition that many governments give for an NMP is that it's a farm specific planning tool that determines the amount, timing and application of the major plant nutrients (nitrogen, phosphorus and potassium) through chemical fertilizers and/or animal manures or other products that contain nutrients while minimizing environmental risk. Don't we already do this with fertilizer plans? Read more...

<http://www.atlanticfarmfocus.ca/Opinion/Nutrient%20Management%20Corner/2013-06-20/article-3284886/What-is-a-Nutrient-Management-Plan/1>

Habitat Fragmentation – Culvert Blockages and Solutions

The Bucks County Chapter of Trout Unlimited (Pennsylvania) and the Cooks Creek Watershed Association were featured in the Summer 2013 edition of Trout magazine, TU's national publication, for their [culvert inventory work in the Cooks Creek watershed](#). Princeton Hydro was glad to assist via directly investigating and training of volunteers to inspect and document potential culverts in need of retrofit. Princeton Hydro also completed design concepts and opinion of costs for two example culverts. Identified culverts in need of retrofit will help the creek's wild brown and brook trout. Princeton Hydro based the training on the Vermont guidelines for rating culverts for pass-ability. In this small watershed a total of 97 culverts were identified with 32 of them as potential barriers, and 11 identified as "high priority" in need of retrofit. Why worry about culverts, you say? Read more... http://www.princetonhydro.com/blog/culvert-blockages-and-solutions/?goback=.gde_2555788_member_256351826

Planning Begins for New Stream Restoration Initiative

In a first of its kind effort, Governor Martin O'Malley met with teachers and educators from across the State on July 2 to explore how the next generation of Marylanders could [help restore the Bay](#), one stream at a time. Under this new statewide stream restoration initiative, schools would adopt the streams and tributaries on their property and turn their restoration into a learning experience.

Kid-Safe Waters: A New Aquatic Resource Protection Goal?

The waters nearest 80% of all American homes are probably unfit for wading, swimming and other forms of direct contact. On the East Coast, many of these degraded waters are no more than a 15-minute walk from most homes. While adults may be aware that these waters are unsafe, our children are not. And keeping our kids from playing in these waters is challenging. So our only alternative is to restore these waters to a condition suited to an aquatic playground. Adopting Kid-Safe Waters aquatic resource protection goal may be an essential next step. To learn more, visit: cedsnews.com

State Agencies Issue Alert to Contain Invasive Species in Lycoming County

HARRISBURG -- After confirming the presence of the invasive aquatic algae known as didymo, or "rock snot," in Pine Creek, Lycoming County, anglers and boaters are reminded that cleaning their gear is the easiest, most effective means of preventing its spread to other waters. In late June, DEP biologists were conducting routine stream monitoring in Pine Creek upstream of Waterville in the vicinity of the Hamilton Bottom Canoe Access Area, a popular recreational destination. Laboratory analysis of a sample collected using an algal net detected the presence of didymo in the form of microscopic diatoms, a finding confirmed by the National Academy of Sciences. The Pennsylvania Fish and Boat Commission (PFBC) continued to urge anglers and boaters to take steps to prevent the spread of the algae. The discovery of the algae in a popular recreational area potentially increases the risk of its movement to other waters in Pennsylvania. Prior to detecting didymo in Pine Creek, the alga was found in the Youghiogheny River watershed in Fayette County, in the West Branch and main stem of the Delaware River, and in Dyberry Creek in Wayne County. The PFBC recommends that anglers allow exposed equipment to completely dry before entering new waters. After equipment is dry to the touch, allow it to dry another 48 hours, the commission suggests. Thick and dense material, such as life jackets and felt-soled wading gear, will hold moisture longer, take longer to dry, and can be more difficult to clean. Soaking equipment in hot water containing dishwashing detergent (two cups of detergent for every two and a half gallons of water) for 20 minutes or more also will kill didymo and some other aquatic invasive species. Cleaning boats and equipment with hot water (maintained at 140 degrees Fahrenheit) by pressure washing or soaking is another effective method. If hot water is not available, a commercial hot water car wash also makes a good location to wash boats, motors and trailers. At the other end of the temperature range, freezing items solid for at least 24 hours is effective. If cleaning, drying or freezing is not practical, please restrict the equipment's use to a single waterway. Didymo is not a public health hazard, but it can cause ecological damage by smothering other organisms which also live on the riverbed and support the food web for the resident fish community. The algae, whose scientific name is "Didymosphenia geminata," has colloquially been called "rock snot" because of its appearance. When squeezed nearly dry, the algae, generally tan to beige in color, actually has the feel of moist cotton or wool. For more details on how to stop the spread of didymo, visit http://www.fishandboat.com/water/habitat/ans/didymo/faq_didymo.htm. For more information on how to clean your gear, visit <http://fishandboat.com/cleanyourgear.htm>.



WATERSHED FACILITATION ASSISTANCE

Susquehanna Gateway Flatwater Challenge – Jul 20

Sponsored by: Susquehanna Gateway Heritage Area. Saturday, July 20, 2013 at 10:00 AM (EDT), Airville, PA. Event will be held at the Indian Steps Museum, 205 Indian Steps Road, Airville, PA 17302. It will be held Rain or Shine. The race will begin approximately 10:00 AM. Race meeting will begin at 9:30 AM. Awards will be given to the top 3 finishers in each class. Awards ceremony will be held following the completion of the races. <http://www.susquehannaheritage.org/>

2013 Secchi Dip-In is in full swing – Jul 21

This is just a reminder that the Secchi Dip-In is in full swing. The target dates started June 29 and will continue until July 21. If you have or will collect Secchi or turbidity data between or near those dates, you are invited to participate. Please see our website (<http://www.secchidipin.org>) for instructions and results through 2012. Please write me if you have any questions. If you find the on-line questionnaire difficult to use (it can be), please download a pdf file of the questionnaire and send in a paper copy.

DEP Webinar on Policy on Public Participation in the Permit Review Process – Jul 22

The Department of Environmental Protection recently published draft Policy on Public Participation in the Permit Review Process. This important draft policy establishes a framework for the public's ability to review and provide comments on permits or authorizations under review by DEP. The draft policy was published in the Pennsylvania Bulletin on June 29 and can be found here: <http://www.pabulletin.com/secure/data/vol43/43-25/1120.html>. The deadline to comment on the draft policy is July 22.

Federal Involvement in Real Estate: A Call to Action – Jul 27

Smart Growth America and LOCUS, our coalition of responsible real estate developers and investors, have developed a set of policy recommendations for federal real estate programs. Join us for an online event about this new platform. When: Thursday, July 25, 2013 - 11:00 AM EDT. Speakers: Geoff Anderson, President and CEO, Smart Growth America; Chris Leinberger, President, LOCUS; Ilana Preuss, Vice President and Chief of Staff, Smart Growth America; Frank Alexander, Sam Nunn Professor of Law, Emory University; Dennis Allen, Director of Planning and Development, ZRZ Realty; Richard Baron, President, McCormack Baron Salazar; Eric Larson, Managing Partner, Bedrock Real Estate Services. Register at the link: <https://cc.readytalk.com/cc/s/registrations/new?cid=rzvnrc7qcc4b>. Call-in information will be emailed to registrants.

2013 Watershed Weekend Venue Sponsor Registration Open – Jul 31

The Watershed Alliance of York (WAY) is excited to announce the 11th Annual Watershed Weekend, on September 28 and 29, 2013, in York County and beyond. The purpose of the Watershed Weekend is to increase public awareness about the importance of their watersheds to the local community, economy, and public health. The idea is to encourage as many conservation, environmental and watershed groups, local authorities and governing agencies, for-profits and non-profits, schools, and other stakeholder groups to plan and sponsor one activity locally that will draw people to your watershed and allow them to participate in some manner while learning more about your organization and watershed. Venue sponsors will be responsible for planning, staffing and facilitating one activity on the dates, times and location(s) of their choosing. Already have an activity planned between September 14 and 30? Appropriate planned activities are eligible for inclusion in Watershed Weekend. WAY will serve a central coordinating role handling advertising and promotion and provide technical assistance for the venue, and our responsibility will be to get as many organizations and people involved in Watershed Weekend as possible. Financial assistance is available to sponsors of watershed cleanup activities to help defray the cost associated with waste disposal, handling, and transport. What type of venue should you sponsor? Experience shows us that people want to learn and engage in most hands on activities where they can see some results. Some examples for you to consider are educational workshops, fundraisers, litter cleanups, tree plantings, and outdoors recreational activities. Be creative and use your imagination! We recommend that you keep it simple, fun and safe. If you or your organization would like to sponsor a venue in your watershed, complete the Watershed Weekend Venue Sponsor Registration

form attached, and return it to us by July 31, 2012, either by mail, e-mail or fax. Your sponsored venue information will be included in our Watershed Weekend Guide to be released to the public on September 1st. For more information about Watershed Weekend 2013, contact Gary R. Peacock of WAY by calling 717-840-7687 or e-mailing gpeacock@yorkccd.org<<mailto:gpeacock@yorkccd.org>>. Learn more about WAY, a public-private partnership, at www.watershedsyork.org<<http://www.watershedsyork.org>>. We hope see you during Watershed Weekend! Mark Snyder, WAY President.

3rd Annual Poster Session Networking Event – Registration NOW Open! – Aug 16

The networking poster session will return Saturday evening, September 28, 2013 at the 8th annual Chesapeake Watershed Forum. The goal of the poster session is for individual presenters to share their work in a visual format with conference attendees. Posters will be judged by your peers, and “Best Poster Awards” will be given. Go to the Alliance for the Chesapeake Bay Forum website for more information and the on-line registration link to submit your poster abstract. (If you are a Chesapeake Conservation Corps volunteer please contact Tara Baker at the Chesapeake Bay Trust for information on poster submission.)

<https://allianceforthebay.org/our-work/engaging-local-communities/chesapeake-watershed-forum/poster-contest/>

Deadline for poster submissions is August 2, 2013. Due to space limitations, not all poster presentations will be accepted. Decisions will be made by August 16, 2013.

LandStudies' Litz Region Healthy Watersheds Tour- Aug 18

LandStudies has designed and built nearly 100 green infrastructure sites in Pennsylvania, with approximately 30 located near our Litz (Lancaster County) Pennsylvania office. LandStudies will share its vast experience in water resource management and watershed planning with Tour participants for the purpose of ensuring EPA compliance, improving community well-being and providing economic value to stakeholders. The hands-on educational Tour showcases nearby green infrastructure sites (with up to 15 years of performance history) and cost-effective best management practices that stack environmental and regulatory benefits. Tour Sites Demonstrate:

- Alternative stormwater management techniques
- Groundwater infiltration in karst geology
- Nutrient and sediment pollution reduction
- Water quality improvement to meet municipal MS4 and TMDL requirements
- Pollution reductions in accordance with the Chesapeake Bay Watershed Implementation Plan
- Increased stormwater attenuation to potentially reduce localized peak flooding

General Tours are being offered during the upcoming summer months. Check below for upcoming General Tour dates: August 13th, 2013 Professional and September 18th, 2013 General. All General Tours are from 9:00am–3:00pm. Ticket prices are \$80 per person. Professional Development Credits are coming soon! Lunch and a light breakfast are included. Please dress accordingly for being outdoors and bring comfortable walking shoes that can get dirty or wet. Some of the sites may be muddy. Itinerary and directions will be mailed or emailed to you closer to the Tour date. Itinerary may be subject to change depending on weather conditions. For groups of 10 or more or to schedule a Custom Tour please contact a LandStudies employee at 717-627-4440.

Save the Date York Conference – Sep 7

Just wanted to let you know that PBCCG has an exciting annual conference this year with INCREDIBLE speakers and workshops made possible through Socially Responsible Agriculture Project. It's all about new tools in the toolbox and empowering communities in local governance. I am pleased to announce that we will be holding the conference in York at the UUCY (Unitarian Universalist Congregation of York) on Sat Sep 7th from 12:30-4:30. Directions: <http://www.bing.com/maps/default.aspx?v=2&pc=FACEBK&mid=8100&rtp=adr.~pos.39.949195514466-76.720447161761-Unitarian+Universalist+Congregation+of+York+925+South+George+Street%2C+York%2C+Pennsylvania&cp=39.949195514466~-76.720447161761&lvl=16&sty=r&rtop=0~0~0~&mode=D&FORM=FBKPL1&mkt=en-US>. RESERVE YOUR SEAT NOW! Call Maria at 717 826 7286 or 717 456 5800 or email at pavans@zoominternet.net. Cost is \$ 25. Lunch will be included. We decided to have our conference in Sept is so we can provide a farm fresh meal where the food will come from our greatest pride, our local farms !!! You can reserve your seat by clicking on the donate button on our website here: <http://www.pbccg.com/> or you can mail a check to: PBCCG, PO BOX 307, Delta, PA 17314.

Implementing Green Infrastructure at Multiple Scales – Sep 9

Date: 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.

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

Spoutwood Farm Presents The 9th Annual Mother Earth Harvest Moon Fair – Sep 22

Sunday, Sept 22, 2013 10am to 5pm. Please Join Us!!! Return Vendors/Exhibitors: Fill out the registration form found at www.spoutwood.org. We will then respond back with Welcome and Instructions. Easy! And you get it done Now! New Vendors/Exhibitors: We welcome new vendor applications! Fill out the form attached. We will review your application to make sure you jive with the festival theme! Send or email it to us and we'll respond. Call if you want to talk to someone ([717-521-2247](tel:717-521-2247)). Thank You ~ Mother Earth and Spoutwood Fair Planning Committee. Here's Some General Fair Info:

- The Ninth Annual Mother Earth Harvest Moon Fair takes place Sunday, September 22nd, 2013 from 10am-5pm, once again hosted by Spoutwood Farm in Glen Rock, PA.
- The fair includes vendors, performances, workshops, fun, food, and more will be held on Sunday. Saturday fair staff will be on-hand to allow vendor set-up. Spoutwood will also be hosting a variety of Harvest Fair themed workshops on Saturday. Please consider registering for a workshop after you set up!
- This year's the festival springboards off last year's successful hands on focus. This year we're expanding what we're offering adding an ATM to support vendor and exhibitor sales! The Mother Harvest Moon Fair will be a true Celebration of Life in York County.

- Free Entrance Fee for Kids and Parking In order to keep The Mother Earth Harvest Moon Fair family friendly, kids
- 12 and under are free and adults only \$5. Parking at the farm across the road will run \$3/ vehicle.

SEEKING FOCUS GROUP PARTICIPANTS

Participate in one 2-hour focus group and earn \$50 and free gift bag. Light dinner provided. Do you live in Lancaster, York or Franklin County? Are you interested in sharing your opinions about the environment? You may qualify to participate in an upcoming research study facilitated by Land Logics Group. INTERESTED IN LEARNING MORE? If so, complete a brief screening survey. Qualified candidates will be contacted with more information. Scan QR Code with your smart phone to complete screening survey. To complete survey: Go to <https://www.surveymonkey.com/s/SwimFishH2o> or call 717-325-4347.



WATERSHED FINANCIAL ASSISTANCE

Commonwealth Financing Authority Accepting Flood Project Applications – Jul 31

The Corbett Administration announced Thursday the [Commonwealth Financing Authority](#) will begin accepting applications for a program established by the Act 13 Marcellus Legacy Fund to support flood mitigation throughout the state. The deadline for applications is July 31 for consideration at the November 13 CFA meeting. The CFA offers other project funding opportunities under Act 13, including: [abandoned mine, watershed, recreation funding, alternative, clean energy funding, high performance building funding](#) and [PennWorks Program](#) water supply, wastewater infrastructure funding. Applicants can begin applying immediately under the new guidelines for the Act 13 Programs through DCED's electronic single application system. [Note: The guidelines will be posted soon on the [CFA's webpage](#).] The programs are administered jointly by the Department of Community and Economic Development, the Department of Conservation and Natural Resources, and the Department of Environmental Protection, under the direction of the CFA and DCNR. Notify Your Legislators: If you plan to apply for funding under this program, PA Environment Digest strongly urges you to notify your local House and Senate member that you have applied and make sure they know how important it is to you. For more information, visit the [Commonwealth Financing Authority](#) website. Eligible applicants are encouraged to contact Brian Eckert or Matthew Karnell at 717-787-6245 to discuss potential projects before commencing the application process.

\$4.5 Million Available for Capacity Building in Sustainable Communities – Aug 7

HUD has announced a Notice of Funding Availability (NOFA) for \$4.5 million in grants on behalf of the Partnership for Sustainable Communities. Successful grantees will provide capacity-building support for communities engaged in planning efforts that support community involvement and integrate economic and workforce development, housing, land use, land cleanup and preparation for reuse, transportation, and infrastructure investments. An informational webinar on the NOFA will be held on July 16. Contact Dwayne.S.Marsh@hud.gov for webinar registration information. Proposal Due Date: August 7, 2013.

<http://www.grants.gov/search/search.do;jsessionid=L3RLRMTGnyZ7JTbbML2FSxiVRJPXYGH3CvwXmqL5hMTmTq81vGnM!-1329833229?oppld=236800&mode=VIEW>

Reminder: Foundation For PA Watersheds Grant Applications Due – Aug 9

The [Foundation for PA Watersheds](#) is now accepting applications for watershed restoration grants. The Foundation has a second round of grants available in the Fall. Letters of interest are due on August 9. Applications are due September 20. [Click Here](#) for more information.

2013 Growing Greener Plus – Aug 16

2013 Growing Greener Plus application package (including Growing Greener, 319, AMD set-aside and, SMCRA bond forfeiture) will be announced and released in the June 22nd PA Bulletin. This is a bit later than we would have liked, but we are doing our best to get this announcement to be released in early June annually. Expect that we will continue to try to get the release date in early June, and hopefully next year we will get there. The closing date for this year's application submission will be August 16th. That will give folks about 56 days to get an application in, once the application package is released to the public. I would encourage you to begin now, if you have not already, to develop your ideas for submission under these grant programs.

Apply for DEP's Energy Efficiency, Pollution Prevention Grants – Sep 6

Governor Tom Corbett today encouraged Pennsylvania small-business owners to apply for DEP's Small Business Advantage Grant to finance pollution prevention and energy efficiency projects. Businesses can apply for 50-percent matching funds of up to \$9,500 to adopt or acquire energy-efficient or pollution-prevention equipment or procedures. Applicants must be a for-profit corporation, limited liability corporation, partnership, sole proprietorship or other legal entity with 100 or fewer full-time employees. The grant-supported project must be located in Pennsylvania, be owned by the applicant and save the business at least 25 percent plus \$500 in annual energy consumption or in pollution handling or prevention related expenses. Applicants may be manufacturers, retailers, service providers, mining operators or agricultural businesses. Eligible projects include HVAC and boiler upgrades, high-efficiency lighting, solvent recovery systems, waste recycling systems and auxiliary power units deployed as anti-idling technology for trucks. The application deadline is Sept. 6. Eligible applications will be approved on a first-come, first-served basis from July 8 through Sept. 6 or until funds are exhausted, whichever comes first. Funding is eligible for those costs incurred between July 8, 2013 and June 30, 2014. Applications must be mailed to the Department of Environmental Protection's Grant Center, P.O. Box 8776, Harrisburg, PA 17105-8776 or hand delivered to DEP's Grant Center, 15th Floor, Rachel Carson State Office Building, 400 Market St., Harrisburg, PA 17101-2301. Faxes or electronic submissions will not be accepted. For more information and to view the application package, instructions and application form, visit www.dep.state.pa.us and click on the "Small Business Advantage Grant" button. To contact the Small Business Ombudsman's Office, call 717-772-8909 or email epadvantagegrant@pa.gov.

PEMA Fire Company, Ambulance Service Grants - Oct 23

The PA Emergency Management Agency [published a notice](#) announcing it will start accepting applications for its Fire Company and Volunteer

The End of Cheap Water?

The costs of rebuilding our nation's water infrastructure are jaw dropping: estimates range from \$300 billion to \$1 trillion needed over the next 30 years. Add in the cost to develop new water supplies, treatment plants and transmission systems to accommodate growth—\$20 billion for new reservoirs and pipelines in North Texas, \$7 billion for a pipeline in Las Vegas—and the numbers really start to make the mind reel. Investing in our nation's infrastructure and water security is a necessity. But what we invest in is a choice we should not take lightly—not when the costs are so high. And not when water rates are already straining the ability to pay of America's most vulnerable. While it's become a platitude that Americans pay too little for water to care how much they use, the reality is that the costs of water services are outpacing the cost gains of every other basic service—faster than electricity, faster than solid waste, faster even than cable television. And while many of us can afford it, in some communities, the cost of clean drinking water strains the bounds of affordability: a study by the University of North Carolina found that low-income households are paying as much as 8% of annual income for water services. - See more at: <http://www.americanrivers.org/newsroom/blog/iodefey-20130701-the-end-of-cheap-water.html#sthash.dhkubsR3.dpuf>. “



WATERSHED TECHNICAL ASSISTANCE

SRBC's Water Resources Program for Fiscal Years 2014-2015

I am pleased to present the Susquehanna River Basin Commission's Water Resources Program for Fiscal Years 2014-2015 at <http://www.srbc.net/planning/water-resources-program.htm>. SRBC is required by the Susquehanna River Basin Compact to produce a Water Resources Program annually and distribute it to the public. The Water Resources Program lists projects and facilities to be undertaken by SRBC and other governmental and non-governmental interests to meet the water resource needs of the Susquehanna River Basin. If you have any questions, please contact Mr. David Heicher at dheicher@srbc.net or (717) 238-0423, ext. 110.

The future of 4R nutrient stewardship

Agprofessional – International Plant Nutrition Institute via Ag Professional. The 4Rs of nutrient stewardship — right source, right rate, right time, and right place — are factors that have been investigated by crop and soil scientists for decades. With such a rich history, does agriculture really have anything new to bring to these management practices? Read more... <http://www.agprofessional.com/resource-centers/crop-fertility/news/The-future-of-4R-nutrient-stewardship-213029651.html?ref=651>

Free Whitepaper: "The Best Water Data Possible! 5 Key Requirements for Modern Systems."

The best possible water data quality, timeliness, and affordability can only be realized with a hydrological data management system that meets 5 key requirements. This whitepaper discusses how current best practices for water data processing can be achieved by monitoring agencies of all sizes with a scalable, modern system.

- Secure, Centralized Data Management - Increase data consistency, reliability, security, and defensibility while gaining processing efficiencies.
- Evidence-Based Analysis - Leverage modern systems to make hydrological data correction, analysis, modeling, and diagnostics easier for more accurate water information.
- Automated, Real-Time Data Processing - Improve the timeliness of your water data products and services with real-time quality controls and alerts.
- Data Standards & Procedures - Achieve compliance to evolving international standards and improve data consistency with visualization tools and training.
- Water Data Dissemination - Take advantage of modern strategies for data sharing, inter-operability, reporting, and publishing, to ensure that water information is available for the right people, at the right time, in the right place.

Contact: Bill Pope, Aquatic Informatics Inc. T: 1.877.870.2782 or 1.604.873.2782. E-mail: bill.pope@aquaticinformatics.com. Web: www.aquaticinformatics.com

Model Program to Assist State Septic Programs in Managing Water Quality Impacts in the Chesapeake Bay Watershed

EPA has released its model program for onsite systems management in the Chesapeake Bay Watershed. The document provides technical information regarding the elements of a model program for onsite wastewater treatment systems, incorporating key recommendations to effectively and efficiently manage nitrogen treatment systems. The Agency's model program will help provide state onsite programs with the tools that they need to more effectively manage nutrients entering the Bay from onsite systems, which will help improve water quality in the Bay. Development of the model program is part of the Agency's efforts to implement Executive Order 13508 on Chesapeake Bay Protection and Restoration, issued on May 12, 2009, which renewed the federal commitment to restoring and protecting the health of the Chesapeake Bay. For additional information: <http://executiveorder.chesapeakebay.net/>

Fluid Fertilizer Journal Article Provides Overview and Update of 4R Effort

This spring The Fertilizer Institute was invited to prepare an article on the 4Rs for the Fluid Fertilizer Journal. The article is included in the current issue and can be accessed at <http://www.fluidjournalonline.com/>. The article, "4Rs on Fertile Ground," prepared by TFI's Director of Stewardship Programs Lara Moody, provides an overview and updates on efforts in the U.S.

Urban Forest Assessment Resource Guide

A variety of assessment tools have been developed to help officials understand the benefits that urban forests provide, and to help quantify these benefits. This new guide provides the latest framework for practitioners interested in conducting urban forest ecosystem assessments. This guide includes an overview of urban forest management and a section on how to choose an urban forest assessment tool.

Planning for Sustainability: Creating Livable, Equitable and Ecological Communities, 2nd Edition

The revised second edition of this book presents an introduction to the concept of planning for more sustainable and livable communities. The text explores topics such as how compact and walkable cities and towns might be created, how local ecosystems can be restored, how social inequalities might be reduced, and how greenhouse gas emissions might be lowered.

<http://www.routledge.com/books/details/9780415809894/>

CNU 21 Plenary and Session Videos Now Available

Many of the sessions from the 2013 Congress for New Urbanism's annual meeting (CNU 21) are now available for viewing on YouTube. Some of the featured sessions include Tactical Urbanism; Placemaking through Community Engagement; and Removing Obstacles to Mixed-Use Developments. <http://www.youtube.com/user/Congress4NewUrbanism/videos>

Technical Guidance & Permits

The Department of Environmental Protection [published a notice](#) inviting comments on Act 537 Program Guidance on Training Provider Manual for Onlot Sewage System Training. DEP also [published notice](#) modifying Chapter 105 Water and Obstruction and Encroachment General Permits GP 1 through GP-11 and GP-15 to be consistent with revised regulations and fees recently adopted by the Environmental Quality Board. Draft: DEP ID: 385-2314-001. Title: Act 537 Program Guidance; Training Provider Manual for the Pennsylvania Onlot Sewage System Training Program. Description: The purpose of this document is to establish uniform procedures and protocol for reviewing and approving third-party provider-based training courses for prerequisite training for sewage enforcement officer (SEO) certification, continuing education of SEOs and for the training of onlot sewage system installers to ensure application of appropriate credit for completed training. This document also provides for uniform procedures and protocols for reviewing and approving conferences as continuing education for sewage enforcement officers. The substantive revisions clarify that the guidance applies to prerequisite training for SEO certification as well as continuing education training for SEOs and training for onlot sewage system installers.

Proposals Currently Open for Comment

Date Published In PA Bulletin	Proposal	Comment Deadline
6/15/2013	Nutrient Credit Trading Program; Notice of Certification Requests PA Bulletin Notice	7/15/2013
6/15/2013	Draft Technical Guidance 391-2300-002--Operator Certification Program State Board for Certification of Water and Wastewater Systems Operators PA Bulletin Notice	7/15/2013
6/22/2013	Draft Technical Guidance 012-0900-003--Policy on Public Participation in the Permit Review Process PA Bulletin Notice Draft guidance document	7/22/2013



WAY E-NEWS

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



Monday, July 15, 2013

A PUBLIC-PRIVATE PARTNERSHIP

Volume 13, Issue 14

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- 2013 Watershed Weekend Venue Sponsor Registration Open – Jul 31
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- LandStudies' Litz Region Healthy Watersheds Tour- Aug 18
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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

- July 8 – Meeting of Members and Board, 7:00 pm, at York Water Co. (Mt. Rose Ave.)
- Contact: Jim Leaman at 843-2929

Codorus Endowment Implementation Committee - www.yccf.org

- 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: codorusssp@pa.gov

Conewago Canoe Club - www.conewagocanooclub.org

- Club Meets bi-monthly at Mount Zion United Church of Christ, 7:00 pm, at Ridgewood Road in Pleasureville
- Questions or comments e-mail me oc1mike@comcast.net, 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

- 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

- 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

- Support Lower Susquehanna Riverkeeper and Clean Water - We are working on a shoestring budget. In our 8th year of working for you and all of our children's futures, we've become accustomed to tight budgets. From the very beginning an amazing foundation called the Keith Campbell Foundation for the Environment has been matching our members' contributions. They have now DOUBLED even that commitment! For every dollar you give, they will give us TWO! A \$50 family membership from you today puts \$150 into our efforts to protect and improve our communities, creeks, and the Susquehanna River. We know it is a tough economy, and that's why we don't ask often, but with that tough economy comes more and more attacks on our waterways and landscapes. Too often people see the creeks and rivers as a cheap place to dump their pollution. Now, more than ever, we need to push back against this mentality. And no matter how cliché it sounds this water, these creeks and rivers, need to support all of our children, grandchildren, and all future generations. Please help us leave them the legacy of healthy, prosperous, and fun creeks, communities, and Susquehanna River by donating to our work today @ www.LowerSusquehannaRiverkeeper.org.
- Contact: Michael Helfrich, Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: lawsusriver@hotmail.com.

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

- Contact: Rupert Rossetti, Tributary Team Coordinator, e-mail: RupertRossetti@aol.com

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

- 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@jhmi.edu

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

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

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

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

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

- May 22 – Board of Directors meeting, 6:30 PM, at Spoutwood Farm Center.
- Contact Rob & Lucy Woods at Spoutwood Farm at 717-235-6610 or spoutwood@comcast.net.

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

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

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

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

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

- Monthly Chapter Meetings 2nd Wednesday, 7:00 p.m.,
- Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

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

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

Watershed Alliance of York – www.watershedsyork.org

- July 10, 2013 – Annual Meeting of WAY Board of Directors, 7:00 PM, at The York Water Co., Mt. Rose Ave.
- WAY E-News – Published by the Watershed Alliance of York, Inc. to inform the public about news and information that affect York County watersheds and beyond. 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

- Yellow Breeches Paddle Cleanup Jun 23 – Hello sojourners and friends of the Yellow Breeches Creek! Please join the YBWA for an on-the-water paddle cleanup of litter and debris from the Yellow Breeches Creek. Ages 11 and up welcome. YBWA t-shirt, brown-bag lunch, and dinner will be provided for each person that mails in their registration forms by June 10th. Information and registration forms are attached below and are available on our website, ybwa.org. Volunteers are needed on the ground and on the water in boats. Please consider giving your time and effort to take care of the PA Scenic River and treasure that flows through our local community. Did I mention that the Yellow Breeches Creek is the source of your drinking water? The Breeches needs our attention. Please help. Feel free to email or call us with any questions; and by all means, please share with your friends. Thanks! Hope to hear from you! Debbie Goetz deborah.p.goetz@gmail.com; cell- [717-514-4288](tel:717-514-4288), or Brook Lenker, brooklenker@comcast.net; cell- [717-756-2637](tel:717-756-2637). Yellow Breeches Watershed Association, PO Box 5, Grantham, PA 17027
- 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/>

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

York County Conservation District – www.yorkccd.org

- Board meets 2nd Friday, 11:00 a.m. (December-March) and 2nd Thursday, 7:00 p.m. (Apr.-Nov.), at the York County ANNEX
- Contact: YCCD at 717-840-7430 or yorkccd@yorkccd.org

York County Parks & Recreation – www.YorkCountyParks.org

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

York County Planning Commission - www.ycpc.org

- Meets 1st Tuesday at 7:30 p.m., except Wed. Nov. 1 at 7:30 and Tues. Dec. 1, 6:00 p.m., at 28 E. Market St., 2nd Floor.
- Contact YCPC at 717-771-9870 or planner@ycpc.org

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

- Contact YCSWA at 717-845-1066



WATERSHED EDUCATION & OUTREACH

CBP Welcomes Input on new Bay Watershed Agreement

Chesapeake Bay Program Welcomes Stakeholder Input For A New Chesapeake Bay Watershed Agreement The Chesapeake Bay Program has accomplished a great deal since the signing of the first Chesapeake Bay Agreement in 1983 but there is still much left to be done. Three decades later, Bay Program partners are working to guide the continued evolution of the Bay ecosystem restoration and stewardship effort with the creation of a new Chesapeake Bay Watershed Agreement. This new plan for collaboration across the Bay's political boundaries will clarify our vision, mission and values and establish shared goals and outcomes for the protection, restoration and stewardship of the Bay, its tributaries and the lands that surround them. The agreement, now being drafted, is intended to encourage a forward-looking approach to conservation and restoration, focusing on immediate results and recognizing our long-term effort must be sustained by and for future generations. An abridged version is available on Bay Program partners welcome input between July 10 and August 15, 2013 on the abridged version of the agreement. During its regular monthly meeting, CBP's Management Board is also holding a listening session this Thursday, July 11 from 10 a.m. -12:30 p.m. in Annapolis, Maryland to hear from stakeholders in person or via conference call. Visit:

http://www.chesapeakebay.net/trackprogress/chesapeake_bay_watershed_agreement

MILESTONE PROGRESS BEING MADE, BUT NO JURISDICTION MEETING ALL COMMITMENTS

(ANNAPOLIS, MD) – All the jurisdictions in the Chesapeake Bay region are making progress meeting pollution reduction goals, but no jurisdiction is on track to implement all the pollution reduction practices they committed to achieve by 2013. The analysis of selected interim 2012-13 milestone goals was conducted by the Chesapeake Bay Foundation (CBF) and Choose Clean Water Coalition (CCWC). This analysis is designed to ensure that commitments are being met, and if not, that actions will be taken to compensate for any shortfall. In 2009 Chesapeake Bay jurisdictions, having missed restoration goals in the past, created two-year milestones designed to be transparent and provide accountability. This report evaluates the interim progress toward achieving the 2012-13 milestone commitments. Together with pollution limits and state specific plans, this Chesapeake Clean Water Blueprint outlines the path to the restoration of local rivers, streams, and the Chesapeake Bay. The analysis looked at practices within three pollution source categories—agricultural runoff, urban/suburban sources, and wastewater treatment—based on their potential to provide substantial nitrogen, phosphorus, and sediment pollution reductions and offer important lessons for implementation moving forward. In addition, CBF and CCWC believe that the next set of milestones, from 2014-15, should be reported at the basin or county level, as opposed to only at the state level. Local jurisdictions will play an important role in the restoration of local waterways, which is critical to long-term success. Restoring local rivers and streams, and saving the Chesapeake Bay, will provide benefits today and for future generations. If progress is not made we will continue to have polluted water, human health hazards, and lost jobs—at a huge cost to society. Reducing pollution and restoring local water quality will create jobs and enhance local economies. Copies of the state-specific milestone analyses can be found at www.cbf.org/milestones.

New Report: Catalyzing the Transformation of U.S. Water Infrastructure.

I am delighted to share a link to our newest convening report, [Catalyzing the Transformation of U.S. Water Infrastructure](#), which emerged from the rich content explored at our April convening that brought together a diverse group of experts to focus on the intersection of urban water infrastructure and climate change. We asked these experts: What can water infrastructure contribute to both mitigating climate change and adapting to its impacts? We are moving into the next phase of Charting New Waters. In [Catalyzing the Transformation of U.S. Water Infrastructure](#), you will find key outcomes and insights from April's dialogue - in particular, how advances in water infrastructure can help communities address climate change, including promising opportunities to lessen its effects and adapt to its impacts. Also presented are a framework and an initial set of recommended priority activities to advance the transformation of the nation's water infrastructure for the 21st century and beyond. Priority activities include the need to:

- Expand understanding of vulnerability
- Develop greenhouse gas emission inventories
- Strengthen collaboration between researchers and implementers
- Advance widespread adoption of green infrastructure
- Create systems for ecosystem services valuation
- Recover resources from "waste"
- Promote targeted decentralization
- Embrace and adopt smart technologies
- Integrate water resources management

Our goal at [The Johnson Foundation at Wingspread](#) is to help catalyze widespread adoption of more sustainable and resilient water infrastructure systems across the U.S. We will do this by focusing on what we do best - bringing together partners like you to explore the issue. We are equally committed to keeping the conversation going beyond the walls of Wingspread. I hope you will join us by:

Soil erosion is on the rise, scientists say

St. Louis Dispatch – When a raindrop hits the soil, it acts as kind of a miniature bomb, displacing earth in tiny but collectively significant ways. So with all the heavy rain of recent weeks and the countless miniature bomb strikes, the state's cropland is showing serious signs of stress. Soil scientists say they're seeing more erosion on farmland than they have in years. That could mean trouble for crops, particularly corn this season – and it could have long-term consequences for the state's farmland. After last year's historic drought, snow and rain in recent months have increased moisture content, but now things are shifting toward the other extreme. Read more...

http://www.stltoday.com/business/local/soil-erosion-is-on-the-rise-scientists-say/article_de04ee54-baf1-5145-9ba8-62ca9dee1a10.html

Vertical tillage results in loss of productive soil

Claiborne Progress - Since the mid-1980s, many Tennessee producers have implemented a no-till system on their land. The no-till system, which eliminates the use of full-width tillage equipment, provides both economical and conservation benefits to the producer. Prior to the adoption of no-till, the degree of top soil loss was astounding. "Average losses on sloping fields, when intensive tillage was used, ranged from 15 to 150 tons per acre per year. A 40-ton loss spread evenly over an acre in one year, if uniform, is one quarter inch of soil and would not be visible. When you can visually see soil loss, which usually involves gully erosion, very large quantities of soil are being removed from the field. This soil is the most productive soil layer that producer's need for crop production," said Dr. Don Tyler, professor at the University of Tennessee (UT) Research and Education Center at Jackson. Read more: [Claiborne Progress - Vertical tillage results in loss of productive soil](#)

Cover Crop Survey Key Findings

A total of 759 farmers completed the survey. The farmers who completed the survey used cover crops on about 218,000 acres in 2012, and expected to increase that to over 300,000 acres in 2013. Questions on cover crop adoption, benefits, challenges, and yield impacts were included in the survey. Key findings included the following:

- During the fall of 2012, corn planted after cover crops had a 9.6% increase in yield compared to side-by-side fields with no cover crops. Likewise, soybean yields were improved 11.6% following cover crops.
- In the hardest hit drought areas of the Corn Belt, yield differences were even larger, with an 11.0% yield increase for corn and a 14.3% increase for soybeans.
- Surveyed farmers are rapidly increasing acreage of cover crops used, with an average of 303 acres of cover crops per farm planted in 2012 and farmers intending to plant an average of 421 acres of cover crops in 2013. Total acreage of cover crops among farmers surveyed increased 350% from 2008 to 2012.
- Farmers identified improved soil health as a key overall benefit from cover crops. Reduction in soil compaction, improved nutrient management, and reduced soil erosion were other key benefits cited for cover crops. As one of the surveyed farmers commented, "Cover crops are just part of a systems approach that builds a healthy soil, higher yields, and cleaner water."
- Farmers are willing to pay an average (median) amount of \$25 per acre for cover crop seed and an additional \$15 per acre for establishment costs (either for their own cost of planting or to hire a contractor to do the seeding of the cover crop).

Read more... <http://www.northcentralsare.org/Educational-Resources/From-the-Field/Cover-Crops-Survey-Analysis>

What is a Nutrient Management Plan?

Farm Focus – I hear different comments about nutrient management plans (NMP) from farmers. Comments range from "My plan has really helped improve the quality and yield of my crops, I can't imagine farming without one" to "I don't see any value in it so haven't taken it off the shelf". Why the differences in experience with nutrient management planning? A definition that many governments give for an NMP is that it's a farm specific planning tool that determines the amount, timing and application of the major plant nutrients (nitrogen, phosphorus and potassium) through chemical fertilizers and/or animal manures or other products that contain nutrients while minimizing environmental risk. Don't we already do this with fertilizer plans? Read more...

<http://www.atlanticfarmfocus.ca/Opinion/Nutrient%20Management%20Corner/2013-06-20/article-3284886/What-is-a-Nutrient-Management-Plan/1>

Habitat Fragmentation – Culvert Blockages and Solutions

The Bucks County Chapter of Trout Unlimited (Pennsylvania) and the Cooks Creek Watershed Association were featured in the Summer 2013 edition of Trout magazine, TU's national publication, for their [culvert inventory work in the Cooks Creek watershed](#). Princeton Hydro was glad to assist via directly investigating and training of volunteers to inspect and document potential culverts in need of retrofit. Princeton Hydro also completed design concepts and opinion of costs for two example culverts. Identified culverts in need of retrofit will help the creek's wild brown and brook trout. Princeton Hydro based the training on the Vermont guidelines for rating culverts for pass-ability. In this small watershed a total of 97 culverts were identified with 32 of them as potential barriers, and 11 identified as "high priority" in need of retrofit. Why worry about culverts, you say? Read more... http://www.princetonhydro.com/blog/culvert-blockages-and-solutions/?goback=.gde_2555788_member_256351826

Planning Begins for New Stream Restoration Initiative

In a first of its kind effort, Governor Martin O'Malley met with teachers and educators from across the State on July 2 to explore how the next generation of Marylanders could [help restore the Bay](#), one stream at a time. Under this new statewide stream restoration initiative, schools would adopt the streams and tributaries on their property and turn their restoration into a learning experience.

Kid-Safe Waters: A New Aquatic Resource Protection Goal?

The waters nearest 80% of all American homes are probably unfit for wading, swimming and other forms of direct contact. On the East Coast, many of these degraded waters are no more than a 15-minute walk from most homes. While adults may be aware that these waters are unsafe, our children are not. And keeping our kids from playing in these waters is challenging. So our only alternative is to restore these waters to a condition suited to an aquatic playground. Adopting Kid-Safe Waters aquatic resource protection goal may be an essential next step. To learn more, visit: cedsnews.com

State Agencies Issue Alert to Contain Invasive Species in Lycoming County

HARRISBURG -- After confirming the presence of the invasive aquatic algae known as didymo, or "rock snot," in Pine Creek, Lycoming County, anglers and boaters are reminded that cleaning their gear is the easiest, most effective means of preventing its spread to other waters. In late June, DEP biologists were conducting routine stream monitoring in Pine Creek upstream of Waterville in the vicinity of the Hamilton Bottom Canoe Access Area, a popular recreational destination. Laboratory analysis of a sample collected using an algal net detected the presence of didymo in the form of microscopic diatoms, a finding confirmed by the National Academy of Sciences. The Pennsylvania Fish and Boat Commission (PFBC) continued to urge anglers and boaters to take steps to prevent the spread of the algae. The discovery of the algae in a popular recreational area potentially increases the risk of its movement to other waters in Pennsylvania. Prior to detecting didymo in Pine Creek, the alga was found in the Youghiogheny River watershed in Fayette County, in the West Branch and main stem of the Delaware River, and in Dyberry Creek in Wayne County. The PFBC recommends that anglers allow exposed equipment to completely dry before entering new waters. After equipment is dry to the touch, allow it to dry another 48 hours, the commission suggests. Thick and dense material, such as life jackets and felt-soled wading gear, will hold moisture longer, take longer to dry, and can be more difficult to clean. Soaking equipment in hot water containing dishwashing detergent (two cups of detergent for every two and a half gallons of water) for 20 minutes or more also will kill didymo and some other aquatic invasive species. Cleaning boats and equipment with hot water (maintained at 140 degrees Fahrenheit) by pressure washing or soaking is another effective method. If hot water is not available, a commercial hot water car wash also makes a good location to wash boats, motors and trailers. At the other end of the temperature range, freezing items solid for at least 24 hours is effective. If cleaning, drying or freezing is not practical, please restrict the equipment's use to a single waterway. Didymo is not a public health hazard, but it can cause ecological damage by smothering other organisms which also live on the riverbed and support the food web for the resident fish community. The algae, whose scientific name is "Didymosphenia geminata," has colloquially been called "rock snot" because of its appearance. When squeezed nearly dry, the algae, generally tan to beige in color, actually has the feel of moist cotton or wool. For more details on how to stop the spread of didymo, visit http://www.fishandboat.com/water/habitat/ans/didymo/faq_didymo.htm. For more information on how to clean your gear, visit <http://fishandboat.com/cleanyourgear.htm>.



WATERSHED FACILITATION ASSISTANCE

Susquehanna Gateway Flatwater Challenge – Jul 20

Sponsored by: Susquehanna Gateway Heritage Area. Saturday, July 20, 2013 at 10:00 AM (EDT), Airville, PA. Event will be held at the Indian Steps Museum, 205 Indian Steps Road, Airville, PA 17302. It will be held Rain or Shine. The race will begin approximately 10:00 AM. Race meeting will begin at 9:30 AM. Awards will be given to the top 3 finishers in each class. Awards ceremony will be held following the completion of the races. <http://www.susquehannaheritage.org/>

2013 Secchi Dip-In is in full swing – Jul 21

This is just a reminder that the Secchi Dip-In is in full swing. The target dates started June 29 and will continue until July 21. If you have or will collect Secchi or turbidity data between or near those dates, you are invited to participate. Please see our website (<http://www.secchidipin.org>) for instructions and results through 2012. Please write me if you have any questions. If you find the on-line questionnaire difficult to use (it can be), please download a pdf file of the questionnaire and send in a paper copy.

DEP Webinar on Policy on Public Participation in the Permit Review Process – Jul 22

The Department of Environmental Protection recently published draft Policy on Public Participation in the Permit Review Process. This important draft policy establishes a framework for the public's ability to review and provide comments on permits or authorizations under review by DEP. The draft policy was published in the Pennsylvania Bulletin on June 29 and can be found here: <http://www.pabulletin.com/secure/data/vol43/43-25/1120.html>. The deadline to comment on the draft policy is July 22.

Federal Involvement in Real Estate: A Call to Action – Jul 27

Smart Growth America and LOCUS, our coalition of responsible real estate developers and investors, have developed a set of policy recommendations for federal real estate programs. Join us for an online event about this new platform. When: Thursday, July 25, 2013 - 11:00 AM EDT. Speakers: Geoff Anderson, President and CEO, Smart Growth America; Chris Leinberger, President, LOCUS; Ilana Preuss, Vice President and Chief of Staff, Smart Growth America; Frank Alexander, Sam Nunn Professor of Law, Emory University; Dennis Allen, Director of Planning and Development, ZRZ Realty; Richard Baron, President, McCormack Baron Salazar; Eric Larson, Managing Partner, Bedrock Real Estate Services. Register at the link: <https://cc.readytalk.com/cc/s/registrations/new?cid=rzvnrc7qcc4b>. Call-in information will be emailed to registrants.

2013 Watershed Weekend Venue Sponsor Registration Open – Jul 31

The Watershed Alliance of York (WAY) is excited to announce the 11th Annual Watershed Weekend, on September 28 and 29, 2013, in York County and beyond. The purpose of the Watershed Weekend is to increase public awareness about the importance of their watersheds to the local community, economy, and public health. The idea is to encourage as many conservation, environmental and watershed groups, local authorities and governing agencies, for-profits and non-profits, schools, and other stakeholder groups to plan and sponsor one activity locally that will draw people to your watershed and allow them to participate in some manner while learning more about your organization and watershed. Venue sponsors will be responsible for planning, staffing and facilitating one activity on the dates, times and location(s) of their choosing. Already have an activity planned between September 14 and 30? Appropriate planned activities are eligible for inclusion in Watershed Weekend. WAY will serve a central coordinating role handling advertising and promotion and provide technical assistance for the venue, and our responsibility will be to get as many organizations and people involved in Watershed Weekend as possible. Financial assistance is available to sponsors of watershed cleanup activities to help defray the cost associated with waste disposal, handling, and transport. What type of venue should you sponsor? Experience shows us that people want to learn and engage in most hands on activities where they can see some results. Some examples for you to consider are educational workshops, fundraisers, litter cleanups, tree plantings, and outdoors recreational activities. Be creative and use your imagination! We recommend that you keep it simple, fun and safe. If you or your organization would like to sponsor a venue in your watershed, complete the Watershed Weekend Venue Sponsor Registration

form attached, and return it to us by July 31, 2012, either by mail, e-mail or fax. Your sponsored venue information will be included in our Watershed Weekend Guide to be released to the public on September 1st. For more information about Watershed Weekend 2013, contact Gary R. Peacock of WAY by calling 717-840-7687 or e-mailing gpeacock@yorkccd.org<<mailto:gpeacock@yorkccd.org>>. Learn more about WAY, a public-private partnership, at www.watershedsyork.org<<http://www.watershedsyork.org>>. We hope see you during Watershed Weekend! Mark Snyder, WAY President.

3rd Annual Poster Session Networking Event – Registration NOW Open! – Aug 16

The networking poster session will return Saturday evening, September 28, 2013 at the 8th annual Chesapeake Watershed Forum. The goal of the poster session is for individual presenters to share their work in a visual format with conference attendees. Posters will be judged by your peers, and “Best Poster Awards” will be given. Go to the Alliance for the Chesapeake Bay Forum website for more information and the on-line registration link to submit your poster abstract. (If you are a Chesapeake Conservation Corps volunteer please contact Tara Baker at the Chesapeake Bay Trust for information on poster submission.)

<https://allianceforthebay.org/our-work/engaging-local-communities/chesapeake-watershed-forum/poster-contest/>

Deadline for poster submissions is August 2, 2013. Due to space limitations, not all poster presentations will be accepted. Decisions will be made by August 16, 2013.

LandStudies' Litz Region Healthy Watersheds Tour- Aug 18

LandStudies has designed and built nearly 100 green infrastructure sites in Pennsylvania, with approximately 30 located near our Litz (Lancaster County) Pennsylvania office. LandStudies will share its vast experience in water resource management and watershed planning with Tour participants for the purpose of ensuring EPA compliance, improving community well-being and providing economic value to stakeholders. The hands-on educational Tour showcases nearby green infrastructure sites (with up to 15 years of performance history) and cost-effective best management practices that stack environmental and regulatory benefits. Tour Sites Demonstrate:

- Alternative stormwater management techniques
- Groundwater infiltration in karst geology
- Nutrient and sediment pollution reduction
- Water quality improvement to meet municipal MS4 and TMDL requirements
- Pollution reductions in accordance with the Chesapeake Bay Watershed Implementation Plan
- Increased stormwater attenuation to potentially reduce localized peak flooding

General Tours are being offered during the upcoming summer months. Check below for upcoming General Tour dates: August 13th, 2013 Professional and September 18th, 2013 General. All General Tours are from 9:00am–3:00pm. Ticket prices are \$80 per person. Professional Development Credits are coming soon! Lunch and a light breakfast are included. Please dress accordingly for being outdoors and bring comfortable walking shoes that can get dirty or wet. Some of the sites may be muddy. Itinerary and directions will be mailed or emailed to you closer to the Tour date. Itinerary may be subject to change depending on weather conditions. For groups of 10 or more or to schedule a Custom Tour please contact a LandStudies employee at 717-627-4440.

Save the Date York Conference – Sep 7

Just wanted to let you know that PBCCG has an exciting annual conference this year with INCREDIBLE speakers and workshops made possible through Socially Responsible Agriculture Project. It's all about new tools in the toolbox and empowering communities in local governance. I am pleased to announce that we will be holding the conference in York at the UUCY (Unitarian Universalist Congregation of York) on Sat Sep 7th from 12:30-4:30. Directions: http://www.bing.com/maps/default.aspx?v=2&pc=FACEBK&mid=8100&rtp=adr.~pos.39.949195514466-76.720447161761_Unitarian+Universalist+Congregation+of+York_925+South+George+Street%2C+York%2C+Pennsylvania&cp=39.949195514466~-76.720447161761&lvl=16&sty=r&rtop=0~0~0~&mode=D&FORM=FBKPL1&mkt=en-US. RESERVE YOUR SEAT NOW! Call Maria at 717 826 7286 or 717 456 5800 or email at pavans@zoominternet.net. Cost is \$ 25. Lunch will be included. We decided to have our conference in Sept is so we can provide a farm fresh meal where the food will come from our greatest pride, our local farms !!! You can reserve your seat by clicking on the donate button on our website here: <http://www.pbccg.com/> or you can mail a check to: PBCCG, PO BOX 307, Delta, PA 17314.

Implementing Green Infrastructure at Multiple Scales – Sep 9

Date: 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.

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

Spoutwood Farm Presents The 9th Annual Mother Earth Harvest Moon Fair – Sep 22

Sunday, Sept 22, 2013 10am to 5pm. Please Join Us!!! Return Vendors/Exhibitors: Fill out the registration form found at www.spoutwood.org. We will then respond back with Welcome and Instructions. Easy! And you get it done Now! New Vendors/Exhibitors: We welcome new vendor applications! Fill out the form attached. We will review your application to make sure you jive with the festival theme! Send or email it to us and we'll respond. Call if you want to talk to someone ([717-521-2247](tel:717-521-2247)). Thank You ~ Mother Earth and Spoutwood Fair Planning Committee. Here's Some General Fair Info:

- The Ninth Annual Mother Earth Harvest Moon Fair takes place Sunday, September 22nd, 2013 from 10am-5pm, once again hosted by Spoutwood Farm in Glen Rock, PA.
- The fair includes vendors, performances, workshops, fun, food, and more will be held on Sunday. Saturday fair staff will be on-hand to allow vendor set-up. Spoutwood will also be hosting a variety of Harvest Fair themed workshops on Saturday. Please consider registering for a workshop after you set up!
- This year's the festival springboards off last year's successful hands on focus. This year we're expanding what we're offering adding an ATM to support vendor and exhibitor sales! The Mother Harvest Moon Fair will be a true Celebration of Life in York County.

- Free Entrance Fee for Kids and Parking In order to keep The Mother Earth Harvest Moon Fair family friendly, kids
- 12 and under are free and adults only \$5. Parking at the farm across the road will run \$3/ vehicle.

SEEKING FOCUS GROUP PARTICIPANTS

Participate in one 2-hour focus group and earn \$50 and free gift bag. Light dinner provided. Do you live in Lancaster, York or Franklin County? Are you interested in sharing your opinions about the environment? You may qualify to participate in an upcoming research study facilitated by Land Logics Group. INTERESTED IN LEARNING MORE? If so, complete a brief screening survey. Qualified candidates will be contacted with more information. Scan QR Code with your smart phone to complete screening survey. To complete survey: Go to <https://www.surveymonkey.com/s/SwimFishH2o> or call 717-325-4347.



WATERSHED FINANCIAL ASSISTANCE

Commonwealth Financing Authority Accepting Flood Project Applications – Jul 31

The Corbett Administration announced Thursday the [Commonwealth Financing Authority](#) will begin accepting applications for a program established by the Act 13 Marcellus Legacy Fund to support flood mitigation throughout the state. The deadline for applications is July 31 for consideration at the November 13 CFA meeting. The CFA offers other project funding opportunities under Act 13, including: [abandoned mine, watershed, recreation funding, alternative, clean energy funding, high performance building funding](#) and [PennWorks Program](#) water supply, wastewater infrastructure funding. Applicants can begin applying immediately under the new guidelines for the Act 13 Programs through DCED's electronic single application system. [Note: The guidelines will be posted soon on the [CFA's webpage](#).] The programs are administered jointly by the Department of Community and Economic Development, the Department of Conservation and Natural Resources, and the Department of Environmental Protection, under the direction of the CFA and DCNR. Notify Your Legislators: If you plan to apply for funding under this program, PA Environment Digest strongly urges you to notify your local House and Senate member that you have applied and make sure they know how important it is to you. For more information, visit the [Commonwealth Financing Authority](#) website. Eligible applicants are encouraged to contact Brian Eckert or Matthew Karnell at 717-787-6245 to discuss potential projects before commencing the application process.

\$4.5 Million Available for Capacity Building in Sustainable Communities – Aug 7

HUD has announced a Notice of Funding Availability (NOFA) for \$4.5 million in grants on behalf of the Partnership for Sustainable Communities. Successful grantees will provide capacity-building support for communities engaged in planning efforts that support community involvement and integrate economic and workforce development, housing, land use, land cleanup and preparation for reuse, transportation, and infrastructure investments. An informational webinar on the NOFA will be held on July 16. Contact Dwayne.S.Marsh@hud.gov for webinar registration information. Proposal Due Date: August 7, 2013.

<http://www.grants.gov/search/search.do;jsessionid=L3RLRMTGnyZ7JTbbML2FSxiVRJPXYGH3CvwXmqL5hMTmTq81vGnM!-1329833229?oppld=236800&mode=VIEW>

Reminder: Foundation For PA Watersheds Grant Applications Due – Aug 9

The [Foundation for PA Watersheds](#) is now accepting applications for watershed restoration grants. The Foundation has a second round of grants available in the Fall. Letters of interest are due on August 9. Applications are due September 20. [Click Here](#) for more information.

2013 Growing Greener Plus – Aug 16

2013 Growing Greener Plus application package (including Growing Greener, 319, AMD set-aside and, SMCRA bond forfeiture) will be announced and released in the June 22nd PA Bulletin. This is a bit later than we would have liked, but we are doing our best to get this announcement to be released in early June annually. Expect that we will continue to try to get the release date in early June, and hopefully next year we will get there. The closing date for this year's application submission will be August 16th. That will give folks about 56 days to get an application in, once the application package is released to the public. I would encourage you to begin now, if you have not already, to develop your ideas for submission under these grant programs.

Apply for DEP's Energy Efficiency, Pollution Prevention Grants – Sep 6

Governor Tom Corbett today encouraged Pennsylvania small-business owners to apply for DEP's Small Business Advantage Grant to finance pollution prevention and energy efficiency projects. Businesses can apply for 50-percent matching funds of up to \$9,500 to adopt or acquire energy-efficient or pollution-prevention equipment or procedures. Applicants must be a for-profit corporation, limited liability corporation, partnership, sole proprietorship or other legal entity with 100 or fewer full-time employees. The grant-supported project must be located in Pennsylvania, be owned by the applicant and save the business at least 25 percent plus \$500 in annual energy consumption or in pollution handling or prevention related expenses. Applicants may be manufacturers, retailers, service providers, mining operators or agricultural businesses. Eligible projects include HVAC and boiler upgrades, high-efficiency lighting, solvent recovery systems, waste recycling systems and auxiliary power units deployed as anti-idling technology for trucks. The application deadline is Sept. 6. Eligible applications will be approved on a first-come, first-served basis from July 8 through Sept. 6 or until funds are exhausted, whichever comes first. Funding is eligible for those costs incurred between July 8, 2013 and June 30, 2014. Applications must be mailed to the Department of Environmental Protection's Grant Center, P.O. Box 8776, Harrisburg, PA 17105-8776 or hand delivered to DEP's Grant Center, 15th Floor, Rachel Carson State Office Building, 400 Market St., Harrisburg, PA 17101-2301. Faxes or electronic submissions will not be accepted. For more information and to view the application package, instructions and application form, visit www.dep.state.pa.us and click on the "Small Business Advantage Grant" button. To contact the Small Business Ombudsman's Office, call 717-772-8909 or email epadvantagegrant@pa.gov.

PEMA Fire Company, Ambulance Service Grants - Oct 23

The PA Emergency Management Agency [published a notice](#) announcing it will start accepting applications for its Fire Company and Volunteer

The End of Cheap Water?

The costs of rebuilding our nation's water infrastructure are jaw dropping: estimates range from \$300 billion to \$1 trillion needed over the next 30 years. Add in the cost to develop new water supplies, treatment plants and transmission systems to accommodate growth—\$20 billion for new reservoirs and pipelines in North Texas, \$7 billion for a pipeline in Las Vegas—and the numbers really start to make the mind reel. Investing in our nation's infrastructure and water security is a necessity. But what we invest in is a choice we should not take lightly—not when the costs are so high. And not when water rates are already straining the ability to pay of America's most vulnerable. While it's become a platitude that Americans pay too little for water to care how much they use, the reality is that the costs of water services are outpacing the cost gains of every other basic service—faster than electricity, faster than solid waste, faster even than cable television. And while many of us can afford it, in some communities, the cost of clean drinking water strains the bounds of affordability: a study by the University of North Carolina found that low-income households are paying as much as 8% of annual income for water services. - See more at: <http://www.americanrivers.org/newsroom/blog/iodefey-20130701-the-end-of-cheap-water.html#sthash.dhkubsR3.dpuf>. “



WATERSHED TECHNICAL ASSISTANCE

SRBC's Water Resources Program for Fiscal Years 2014-2015

I am pleased to present the Susquehanna River Basin Commission's Water Resources Program for Fiscal Years 2014-2015 at <http://www.srbc.net/planning/water-resources-program.htm>. SRBC is required by the Susquehanna River Basin Compact to produce a Water Resources Program annually and distribute it to the public. The Water Resources Program lists projects and facilities to be undertaken by SRBC and other governmental and non-governmental interests to meet the water resource needs of the Susquehanna River Basin. If you have any questions, please contact Mr. David Heicher at dheicher@srbc.net or (717) 238-0423, ext. 110.

The future of 4R nutrient stewardship

Agprofessional – International Plant Nutrition Institute via Ag Professional. The 4Rs of nutrient stewardship — right source, right rate, right time, and right place — are factors that have been investigated by crop and soil scientists for decades. With such a rich history, does agriculture really have anything new to bring to these management practices? Read more... <http://www.agprofessional.com/resource-centers/crop-fertility/news/The-future-of-4R-nutrient-stewardship-213029651.html?ref=651>

Free Whitepaper: "The Best Water Data Possible! 5 Key Requirements for Modern Systems."

The best possible water data quality, timeliness, and affordability can only be realized with a hydrological data management system that meets 5 key requirements. This whitepaper discusses how current best practices for water data processing can be achieved by monitoring agencies of all sizes with a scalable, modern system.

- Secure, Centralized Data Management - Increase data consistency, reliability, security, and defensibility while gaining processing efficiencies.
- Evidence-Based Analysis - Leverage modern systems to make hydrological data correction, analysis, modeling, and diagnostics easier for more accurate water information.
- Automated, Real-Time Data Processing - Improve the timeliness of your water data products and services with real-time quality controls and alerts.
- Data Standards & Procedures - Achieve compliance to evolving international standards and improve data consistency with visualization tools and training.
- Water Data Dissemination - Take advantage of modern strategies for data sharing, inter-operability, reporting, and publishing, to ensure that water information is available for the right people, at the right time, in the right place.

Contact: Bill Pope, Aquatic Informatics Inc. T: 1.877.870.2782 or 1.604.873.2782. E-mail: bill.pope@aquaticinformatics.com. Web: www.aquaticinformatics.com

Model Program to Assist State Septic Programs in Managing Water Quality Impacts in the Chesapeake Bay Watershed

EPA has released its model program for onsite systems management in the Chesapeake Bay Watershed. The document provides technical information regarding the elements of a model program for onsite wastewater treatment systems, incorporating key recommendations to effectively and efficiently manage nitrogen treatment systems. The Agency's model program will help provide state onsite programs with the tools that they need to more effectively manage nutrients entering the Bay from onsite systems, which will help improve water quality in the Bay. Development of the model program is part of the Agency's efforts to implement Executive Order 13508 on Chesapeake Bay Protection and Restoration, issued on May 12, 2009, which renewed the federal commitment to restoring and protecting the health of the Chesapeake Bay. For additional information: <http://executiveorder.chesapeakebay.net/>

Fluid Fertilizer Journal Article Provides Overview and Update of 4R Effort

This spring The Fertilizer Institute was invited to prepare an article on the 4Rs for the Fluid Fertilizer Journal. The article is included in the current issue and can be accessed at <http://www.fluidjournalonline.com/>. The article, "4Rs on Fertile Ground," prepared by TFI's Director of Stewardship Programs Lara Moody, provides an overview and updates on efforts in the U.S.

Urban Forest Assessment Resource Guide

A variety of assessment tools have been developed to help officials understand the benefits that urban forests provide, and to help quantify these benefits. This new guide provides the latest framework for practitioners interested in conducting urban forest ecosystem assessments. This guide includes an overview of urban forest management and a section on how to choose an urban forest assessment tool.

Planning for Sustainability: Creating Livable, Equitable and Ecological Communities, 2nd Edition

The revised second edition of this book presents an introduction to the concept of planning for more sustainable and livable communities. The text explores topics such as how compact and walkable cities and towns might be created, how local ecosystems can be restored, how social inequalities might be reduced, and how greenhouse gas emissions might be lowered.

<http://www.routledge.com/books/details/9780415809894/>

CNU 21 Plenary and Session Videos Now Available

Many of the sessions from the 2013 Congress for New Urbanism's annual meeting (CNU 21) are now available for viewing on YouTube. Some of the featured sessions include Tactical Urbanism; Placemaking through Community Engagement; and Removing Obstacles to Mixed-Use Developments. <http://www.youtube.com/user/Congress4NewUrbanism/videos>

Technical Guidance & Permits

The Department of Environmental Protection [published a notice](#) inviting comments on Act 537 Program Guidance on Training Provider Manual for Onlot Sewage System Training. DEP also [published notice](#) modifying Chapter 105 Water and Obstruction and Encroachment General Permits GP 1 through GP-11 and GP-15 to be consistent with revised regulations and fees recently adopted by the Environmental Quality Board. Draft: DEP ID: 385-2314-001. Title: Act 537 Program Guidance; Training Provider Manual for the Pennsylvania Onlot Sewage System Training Program. Description: The purpose of this document is to establish uniform procedures and protocol for reviewing and approving third-party provider-based training courses for prerequisite training for sewage enforcement officer (SEO) certification, continuing education of SEOs and for the training of onlot sewage system installers to ensure application of appropriate credit for completed training. This document also provides for uniform procedures and protocols for reviewing and approving conferences as continuing education for sewage enforcement officers. The substantive revisions clarify that the guidance applies to prerequisite training for SEO certification as well as continuing education training for SEOs and training for onlot sewage system installers.

Proposals Currently Open for Comment

Date Published In PA Bulletin	Proposal	Comment Deadline
6/15/2013	Nutrient Credit Trading Program; Notice of Certification Requests PA Bulletin Notice	7/15/2013
6/15/2013	Draft Technical Guidance 391-2300-002--Operator Certification Program State Board for Certification of Water and Wastewater Systems Operators PA Bulletin Notice	7/15/2013
6/22/2013	Draft Technical Guidance 012-0900-003--Policy on Public Participation in the Permit Review Process PA Bulletin Notice Draft guidance document	7/22/2013



WAY E-NEWS

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



Monday, July 15, 2013

A PUBLIC-PRIVATE PARTNERSHIP

Volume 13, Issue 14

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- Model Program to Assist State Septic Programs in the Chesapeake Bay Watershed
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- Planning for Sustainability: Creating Livable, Equitable and Ecological Communities
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- Proposals Currently Open for Comment

WATERSHED CONTACTS

COUNTY PLANNING – (717) 771-9870

CONSERVATION – (717) 840-7430

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

24-HR EMERGENCIES – (877) 333-1904

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

ENVIRONMENTAL – DEP-SCRO

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

FISHERIES – (800) 541-2050

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

GAME & WILDLIFE – (888) 742-8001

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

ILLEGAL DUMPING

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

MUNICIPAL (Phonebook Blue Pages)

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

NOXIOUS PLANTS – (717) 772-5209

RECYCLING – (717) 845-1066

WETLANDS – (717) 249-2522

Updated 4/27/2011

WATERSHED ALLIANCE NEWS

[Ag Land Preservation Board of York County](http://www.york-county.org/gov/AUTH/agri.htm) - www.york-county.org/gov/AUTH/agri.htm

- For information contact Patty McCandless at pmccandless@york-county.org or call 717-840-7400.

[Carroll Citizens for Sensible Growth](http://carrollcitizens.com/) - <http://carrollcitizens.com/>

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

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

- July 8 – Meeting of Members and Board, 7:00 pm, at York Water Co. (Mt. Rose Ave.)
- Contact: Jim Leaman at 843-2929

[Codorus Endowment Implementation Committee](http://www.yccf.org) - www.yccf.org

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

[Codorus State Park](#)

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

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

- Club Meets bi-monthly at Mount Zion United Church of Christ, 7:00 pm, at Ridgewood Road in Pleasureville
- Questions or comments e-mail me oc1mike@comcast.net, but remember you catch more flies with honey than vinegar.

[Deer Creek Watershed Association](http://deercreekwatershed.com/) - <http://deercreekwatershed.com/>

- Contact Lee McDaniel at ldmcdaniel@aol.com.

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

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

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

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

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

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

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

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

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

- Club Open Meetings are held the Third Tuesday of each month at 7pm in the Clubhouse.
- Contact: York Chapter #67 IWLA. Ph: 717-428-2000

[Lower Susquehanna Riverkeeper](http://www.lowersusquehannariverkeeper.org) - www.lowersusquehannariverkeeper.org

- Support Lower Susquehanna Riverkeeper and Clean Water - We are working on a shoestring budget. In our 8th year of working for you and all of our children's futures, we've become accustomed to tight budgets. From the very beginning an amazing foundation called the Keith Campbell Foundation for the Environment has been matching our members' contributions. They have now DOUBLED even that commitment! For every dollar you give, they will give us TWO! A \$50 family membership from you today puts \$150 into our efforts to protect and improve our communities, creeks, and the Susquehanna River. We know it is a tough economy, and that's why we don't ask often, but with that tough economy comes more and more attacks on our waterways and landscapes. Too often people see the creeks and rivers as a cheap place to dump their pollution. Now, more than ever, we need to push back against this mentality. And no matter how cliché it sounds this water, these creeks and rivers, need to support all of our children, grandchildren, and all future generations. Please help us leave them the legacy of healthy, prosperous, and fun creeks, communities, and Susquehanna River by donating to our work today @ www.LowerSusquehannaRiverkeeper.org.
- Contact: Michael Helfrich, Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: lawsusriver@hotmail.com.

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

- Contact: Rupert Rossetti, Tributary Team Coordinator, e-mail: RupertRossetti@aol.com

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

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

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

- Contact: 717-840-7408 or Connie Schmotzer at cxs51@psu.edu

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

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

Prettyboy Watershed Alliance – www.prettyboywatershed.org

- Contact: Nancy Shaper at nshaper@jhmi.edu

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

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

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

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

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

- May 22 – Board of Directors meeting, 6:30 PM, at Spoutwood Farm Center.
- Contact Rob & Lucy Woods at Spoutwood Farm at 717-235-6610 or spoutwood@comcast.net.

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

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

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

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

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

- Monthly Chapter Meetings 2nd Wednesday, 7:00 p.m.,
- Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

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

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

Watershed Alliance of York – www.watershedsyork.org

- July 10, 2013 – Annual Meeting of WAY Board of Directors, 7:00 PM, at The York Water Co., Mt. Rose Ave.
- WAY E-News – Published by the Watershed Alliance of York, Inc. to inform the public about news and information that affect York County watersheds and beyond. 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

- Yellow Breeches Paddle Cleanup Jun 23 – Hello sojourners and friends of the Yellow Breeches Creek! Please join the YBWA for an on-the-water paddle cleanup of litter and debris from the Yellow Breeches Creek. Ages 11 and up welcome. YBWA t-shirt, brown-bag lunch, and dinner will be provided for each person that mails in their registration forms by June 10th. Information and registration forms are attached below and are available on our website, ybwa.org. Volunteers are needed on the ground and on the water in boats. Please consider giving your time and effort to take care of the PA Scenic River and treasure that flows through our local community. Did I mention that the Yellow Breeches Creek is the source of your drinking water? The Breeches needs our attention. Please help. Feel free to email or call us with any questions; and by all means, please share with your friends. Thanks! Hope to hear from you! Debbie Goetz deborah.p.goetz@gmail.com; cell- 717-514-4288, or Brook Lenker, brooklenker@comcast.net; cell- 717-756-2637. Yellow Breeches Watershed Association, PO Box 5, Grantham, PA 17027
- 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/>

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

York County Conservation District – www.yorkccd.org

- Board meets 2nd Friday, 11:00 a.m. (December-March) and 2nd Thursday, 7:00 p.m. (Apr.-Nov.), at the York County ANNEX
- Contact: YCCD at 717-840-7430 or yorkccd@yorkccd.org

York County Parks & Recreation – www.YorkCountyParks.org

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

York County Planning Commission - www.ycpc.org

- Meets 1st Tuesday at 7:30 p.m., except Wed. Nov. 1 at 7:30 and Tues. Dec. 1, 6:00 p.m., at 28 E. Market St., 2nd Floor.
- Contact YCPC at 717-771-9870 or planner@ycpc.org

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

- Contact YCSWA at 717-845-1066



WATERSHED EDUCATION & OUTREACH

CBP Welcomes Input on new Bay Watershed Agreement

Chesapeake Bay Program Welcomes Stakeholder Input For A New Chesapeake Bay Watershed Agreement The Chesapeake Bay Program has accomplished a great deal since the signing of the first Chesapeake Bay Agreement in 1983 but there is still much left to be done. Three decades later, Bay Program partners are working to guide the continued evolution of the Bay ecosystem restoration and stewardship effort with the creation of a new Chesapeake Bay Watershed Agreement. This new plan for collaboration across the Bay's political boundaries will clarify our vision, mission and values and establish shared goals and outcomes for the protection, restoration and stewardship of the Bay, its tributaries and the lands that surround them. The agreement, now being drafted, is intended to encourage a forward-looking approach to conservation and restoration, focusing on immediate results and recognizing our long-term effort must be sustained by and for future generations. An abridged version is available on Bay Program partners welcome input between July 10 and August 15, 2013 on the abridged version of the agreement. During its regular monthly meeting, CBP's Management Board is also holding a listening session this Thursday, July 11 from 10 a.m. -12:30 p.m. in Annapolis, Maryland to hear from stakeholders in person or via conference call. Visit:

http://www.chesapeakebay.net/trackprogress/chesapeake_bay_watershed_agreement

MILESTONE PROGRESS BEING MADE, BUT NO JURISDICTION MEETING ALL COMMITMENTS

(ANNAPOLIS, MD) – All the jurisdictions in the Chesapeake Bay region are making progress meeting pollution reduction goals, but no jurisdiction is on track to implement all the pollution reduction practices they committed to achieve by 2013. The analysis of selected interim 2012-13 milestone goals was conducted by the Chesapeake Bay Foundation (CBF) and Choose Clean Water Coalition (CCWC). This analysis is designed to ensure that commitments are being met, and if not, that actions will be taken to compensate for any shortfall. In 2009 Chesapeake Bay jurisdictions, having missed restoration goals in the past, created two-year milestones designed to be transparent and provide accountability. This report evaluates the interim progress toward achieving the 2012-13 milestone commitments. Together with pollution limits and state specific plans, this Chesapeake Clean Water Blueprint outlines the path to the restoration of local rivers, streams, and the Chesapeake Bay. The analysis looked at practices within three pollution source categories—agricultural runoff, urban/suburban sources, and wastewater treatment—based on their potential to provide substantial nitrogen, phosphorus, and sediment pollution reductions and offer important lessons for implementation moving forward. In addition, CBF and CCWC believe that the next set of milestones, from 2014-15, should be reported at the basin or county level, as opposed to only at the state level. Local jurisdictions will play an important role in the restoration of local waterways, which is critical to long-term success. Restoring local rivers and streams, and saving the Chesapeake Bay, will provide benefits today and for future generations. If progress is not made we will continue to have polluted water, human health hazards, and lost jobs—at a huge cost to society. Reducing pollution and restoring local water quality will create jobs and enhance local economies. Copies of the state-specific milestone analyses can be found at www.cbf.org/milestones.

New Report: Catalyzing the Transformation of U.S. Water Infrastructure.

I am delighted to share a link to our newest convening report, [Catalyzing the Transformation of U.S. Water Infrastructure](#), which emerged from the rich content explored at our April convening that brought together a diverse group of experts to focus on the intersection of urban water infrastructure and climate change. We asked these experts: What can water infrastructure contribute to both mitigating climate change and adapting to its impacts? We are moving into the next phase of Charting New Waters. In [Catalyzing the Transformation of U.S. Water Infrastructure](#), you will find key outcomes and insights from April's dialogue - in particular, how advances in water infrastructure can help communities address climate change, including promising opportunities to lessen its effects and adapt to its impacts. Also presented are a framework and an initial set of recommended priority activities to advance the transformation of the nation's water infrastructure for the 21st century and beyond. Priority activities include the need to:

- Expand understanding of vulnerability
- Develop greenhouse gas emission inventories
- Strengthen collaboration between researchers and implementers
- Advance widespread adoption of green infrastructure
- Create systems for ecosystem services valuation
- Recover resources from "waste"
- Promote targeted decentralization
- Embrace and adopt smart technologies
- Integrate water resources management

Our goal at [The Johnson Foundation at Wingspread](#) is to help catalyze widespread adoption of more sustainable and resilient water infrastructure systems across the U.S. We will do this by focusing on what we do best - bringing together partners like you to explore the issue. We are equally committed to keeping the conversation going beyond the walls of Wingspread. I hope you will join us by:

Soil erosion is on the rise, scientists say

St. Louis Dispatch – When a raindrop hits the soil, it acts as kind of a miniature bomb, displacing earth in tiny but collectively significant ways. So with all the heavy rain of recent weeks and the countless miniature bomb strikes, the state's cropland is showing serious signs of stress. Soil scientists say they're seeing more erosion on farmland than they have in years. That could mean trouble for crops, particularly corn this season – and it could have long-term consequences for the state's farmland. After last year's historic drought, snow and rain in recent months have increased moisture content, but now things are shifting toward the other extreme. Read more...

http://www.stltoday.com/business/local/soil-erosion-is-on-the-rise-scientists-say/article_de04ee54-baf1-5145-9ba8-62ca9dee1a10.html

Vertical tillage results in loss of productive soil

Claiborne Progress - Since the mid-1980s, many Tennessee producers have implemented a no-till system on their land. The no-till system, which eliminates the use of full-width tillage equipment, provides both economical and conservation benefits to the producer. Prior to the adoption of no-till, the degree of top soil loss was astounding. "Average losses on sloping fields, when intensive tillage was used, ranged from 15 to 150 tons per acre per year. A 40-ton loss spread evenly over an acre in one year, if uniform, is one quarter inch of soil and would not be visible. When you can visually see soil loss, which usually involves gully erosion, very large quantities of soil are being removed from the field. This soil is the most productive soil layer that producer's need for crop production," said Dr. Don Tyler, professor at the University of Tennessee (UT) Research and Education Center at Jackson. Read more: [Claiborne Progress - Vertical tillage results in loss of productive soil](#)

Cover Crop Survey Key Findings

A total of 759 farmers completed the survey. The farmers who completed the survey used cover crops on about 218,000 acres in 2012, and expected to increase that to over 300,000 acres in 2013. Questions on cover crop adoption, benefits, challenges, and yield impacts were included in the survey. Key findings included the following:

- During the fall of 2012, corn planted after cover crops had a 9.6% increase in yield compared to side-by-side fields with no cover crops. Likewise, soybean yields were improved 11.6% following cover crops.
- In the hardest hit drought areas of the Corn Belt, yield differences were even larger, with an 11.0% yield increase for corn and a 14.3% increase for soybeans.
- Surveyed farmers are rapidly increasing acreage of cover crops used, with an average of 303 acres of cover crops per farm planted in 2012 and farmers intending to plant an average of 421 acres of cover crops in 2013. Total acreage of cover crops among farmers surveyed increased 350% from 2008 to 2012.
- Farmers identified improved soil health as a key overall benefit from cover crops. Reduction in soil compaction, improved nutrient management, and reduced soil erosion were other key benefits cited for cover crops. As one of the surveyed farmers commented, "Cover crops are just part of a systems approach that builds a healthy soil, higher yields, and cleaner water."
- Farmers are willing to pay an average (median) amount of \$25 per acre for cover crop seed and an additional \$15 per acre for establishment costs (either for their own cost of planting or to hire a contractor to do the seeding of the cover crop).

Read more... <http://www.northcentralsare.org/Educational-Resources/From-the-Field/Cover-Crops-Survey-Analysis>

What is a Nutrient Management Plan?

Farm Focus – I hear different comments about nutrient management plans (NMP) from farmers. Comments range from "My plan has really helped improve the quality and yield of my crops, I can't imagine farming without one" to "I don't see any value in it so haven't taken it off the shelf". Why the differences in experience with nutrient management planning? A definition that many governments give for an NMP is that it's a farm specific planning tool that determines the amount, timing and application of the major plant nutrients (nitrogen, phosphorus and potassium) through chemical fertilizers and/or animal manures or other products that contain nutrients while minimizing environmental risk. Don't we already do this with fertilizer plans? Read more...

<http://www.atlanticfarmfocus.ca/Opinion/Nutrient%20Management%20Corner/2013-06-20/article-3284886/What-is-a-Nutrient-Management-Plan/1>

Habitat Fragmentation – Culvert Blockages and Solutions

The Bucks County Chapter of Trout Unlimited (Pennsylvania) and the Cooks Creek Watershed Association were featured in the Summer 2013 edition of Trout magazine, TU's national publication, for their [culvert inventory work in the Cooks Creek watershed](#). Princeton Hydro was glad to assist via directly investigating and training of volunteers to inspect and document potential culverts in need of retrofit. Princeton Hydro also completed design concepts and opinion of costs for two example culverts. Identified culverts in need of retrofit will help the creek's wild brown and brook trout. Princeton Hydro based the training on the Vermont guidelines for rating culverts for pass-ability. In this small watershed a total of 97 culverts were identified with 32 of them as potential barriers, and 11 identified as "high priority" in need of retrofit. Why worry about culverts, you say? Read more... http://www.princetonhydro.com/blog/culvert-blockages-and-solutions/?goback=.gde_2555788_member_256351826

Planning Begins for New Stream Restoration Initiative

In a first of its kind effort, Governor Martin O'Malley met with teachers and educators from across the State on July 2 to explore how the next generation of Marylanders could [help restore the Bay](#), one stream at a time. Under this new statewide stream restoration initiative, schools would adopt the streams and tributaries on their property and turn their restoration into a learning experience.

Kid-Safe Waters: A New Aquatic Resource Protection Goal?

The waters nearest 80% of all American homes are probably unfit for wading, swimming and other forms of direct contact. On the East Coast, many of these degraded waters are no more than a 15-minute walk from most homes. While adults may be aware that these waters are unsafe, our children are not. And keeping our kids from playing in these waters is challenging. So our only alternative is to restore these waters to a condition suited to an aquatic playground. Adopting Kid-Safe Waters aquatic resource protection goal may be an essential next step. To learn more, visit: cedsnews.com

State Agencies Issue Alert to Contain Invasive Species in Lycoming County

HARRISBURG -- After confirming the presence of the invasive aquatic algae known as didymo, or "rock snot," in Pine Creek, Lycoming County, anglers and boaters are reminded that cleaning their gear is the easiest, most effective means of preventing its spread to other waters. In late June, DEP biologists were conducting routine stream monitoring in Pine Creek upstream of Waterville in the vicinity of the Hamilton Bottom Canoe Access Area, a popular recreational destination. Laboratory analysis of a sample collected using an algal net detected the presence of didymo in the form of microscopic diatoms, a finding confirmed by the National Academy of Sciences. The Pennsylvania Fish and Boat Commission (PFBC) continued to urge anglers and boaters to take steps to prevent the spread of the algae. The discovery of the algae in a popular recreational area potentially increases the risk of its movement to other waters in Pennsylvania. Prior to detecting didymo in Pine Creek, the alga was found in the Youghiogheny River watershed in Fayette County, in the West Branch and main stem of the Delaware River, and in Dyberry Creek in Wayne County. The PFBC recommends that anglers allow exposed equipment to completely dry before entering new waters. After equipment is dry to the touch, allow it to dry another 48 hours, the commission suggests. Thick and dense material, such as life jackets and felt-soled wading gear, will hold moisture longer, take longer to dry, and can be more difficult to clean. Soaking equipment in hot water containing dishwashing detergent (two cups of detergent for every two and a half gallons of water) for 20 minutes or more also will kill didymo and some other aquatic invasive species. Cleaning boats and equipment with hot water (maintained at 140 degrees Fahrenheit) by pressure washing or soaking is another effective method. If hot water is not available, a commercial hot water car wash also makes a good location to wash boats, motors and trailers. At the other end of the temperature range, freezing items solid for at least 24 hours is effective. If cleaning, drying or freezing is not practical, please restrict the equipment's use to a single waterway. Didymo is not a public health hazard, but it can cause ecological damage by smothering other organisms which also live on the riverbed and support the food web for the resident fish community. The algae, whose scientific name is "Didymosphenia geminata," has colloquially been called "rock snot" because of its appearance. When squeezed nearly dry, the algae, generally tan to beige in color, actually has the feel of moist cotton or wool. For more details on how to stop the spread of didymo, visit http://www.fishandboat.com/water/habitat/ans/didymo/faq_didymo.htm. For more information on how to clean your gear, visit <http://fishandboat.com/cleanyourgear.htm>.



WATERSHED FACILITATION ASSISTANCE

Susquehanna Gateway Flatwater Challenge – Jul 20

Sponsored by: Susquehanna Gateway Heritage Area. Saturday, July 20, 2013 at 10:00 AM (EDT), Airville, PA. Event will be held at the Indian Steps Museum, 205 Indian Steps Road, Airville, PA 17302. It will be held Rain or Shine. The race will begin approximately 10:00 AM. Race meeting will begin at 9:30 AM. Awards will be given to the top 3 finishers in each class. Awards ceremony will be held following the completion of the races. <http://www.susquehannaheritage.org/>

2013 Secchi Dip-In is in full swing – Jul 21

This is just a reminder that the Secchi Dip-In is in full swing. The target dates started June 29 and will continue until July 21. If you have or will collect Secchi or turbidity data between or near those dates, you are invited to participate. Please see our website (<http://www.secchidipin.org>) for instructions and results through 2012. Please write me if you have any questions. If you find the on-line questionnaire difficult to use (it can be), please download a pdf file of the questionnaire and send in a paper copy.

DEP Webinar on Policy on Public Participation in the Permit Review Process – Jul 22

The Department of Environmental Protection recently published draft Policy on Public Participation in the Permit Review Process. This important draft policy establishes a framework for the public's ability to review and provide comments on permits or authorizations under review by DEP. The draft policy was published in the Pennsylvania Bulletin on June 29 and can be found here: <http://www.pabulletin.com/secure/data/vol43/43-25/1120.html>. The deadline to comment on the draft policy is July 22.

Federal Involvement in Real Estate: A Call to Action – Jul 27

Smart Growth America and LOCUS, our coalition of responsible real estate developers and investors, have developed a set of policy recommendations for federal real estate programs. Join us for an online event about this new platform. When: Thursday, July 25, 2013 - 11:00 AM EDT. Speakers: Geoff Anderson, President and CEO, Smart Growth America; Chris Leinberger, President, LOCUS; Ilana Preuss, Vice President and Chief of Staff, Smart Growth America; Frank Alexander, Sam Nunn Professor of Law, Emory University; Dennis Allen, Director of Planning and Development, ZRZ Realty; Richard Baron, President, McCormack Baron Salazar; Eric Larson, Managing Partner, Bedrock Real Estate Services. Register at the link: <https://cc.readytalk.com/cc/s/registrations/new?cid=rzvnrc7qcc4b>. Call-in information will be emailed to registrants.

2013 Watershed Weekend Venue Sponsor Registration Open – Jul 31

The Watershed Alliance of York (WAY) is excited to announce the 11th Annual Watershed Weekend, on September 28 and 29, 2013, in York County and beyond. The purpose of the Watershed Weekend is to increase public awareness about the importance of their watersheds to the local community, economy, and public health. The idea is to encourage as many conservation, environmental and watershed groups, local authorities and governing agencies, for-profits and non-profits, schools, and other stakeholder groups to plan and sponsor one activity locally that will draw people to your watershed and allow them to participate in some manner while learning more about your organization and watershed. Venue sponsors will be responsible for planning, staffing and facilitating one activity on the dates, times and location(s) of their choosing. Already have an activity planned between September 14 and 30? Appropriate planned activities are eligible for inclusion in Watershed Weekend. WAY will serve a central coordinating role handling advertising and promotion and provide technical assistance for the venue, and our responsibility will be to get as many organizations and people involved in Watershed Weekend as possible. Financial assistance is available to sponsors of watershed cleanup activities to help defray the cost associated with waste disposal, handling, and transport. What type of venue should you sponsor? Experience shows us that people want to learn and engage in most hands on activities where they can see some results. Some examples for you to consider are educational workshops, fundraisers, litter cleanups, tree plantings, and outdoors recreational activities. Be creative and use your imagination! We recommend that you keep it simple, fun and safe. If you or your organization would like to sponsor a venue in your watershed, complete the Watershed Weekend Venue Sponsor Registration

form attached, and return it to us by July 31, 2012, either by mail, e-mail or fax. Your sponsored venue information will be included in our Watershed Weekend Guide to be released to the public on September 1st. For more information about Watershed Weekend 2013, contact Gary R. Peacock of WAY by calling 717-840-7687 or e-mailing gpeacock@yorkccd.org<<mailto:gpeacock@yorkccd.org>>. Learn more about WAY, a public-private partnership, at www.watershedsyork.org<<http://www.watershedsyork.org>>. We hope see you during Watershed Weekend! Mark Snyder, WAY President.

3rd Annual Poster Session Networking Event – Registration NOW Open! – Aug 16

The networking poster session will return Saturday evening, September 28, 2013 at the 8th annual Chesapeake Watershed Forum. The goal of the poster session is for individual presenters to share their work in a visual format with conference attendees. Posters will be judged by your peers, and “Best Poster Awards” will be given. Go to the Alliance for the Chesapeake Bay Forum website for more information and the on-line registration link to submit your poster abstract. (If you are a Chesapeake Conservation Corps volunteer please contact Tara Baker at the Chesapeake Bay Trust for information on poster submission.)

<https://allianceforthebay.org/our-work/engaging-local-communities/chesapeake-watershed-forum/poster-contest/>

Deadline for poster submissions is August 2, 2013. Due to space limitations, not all poster presentations will be accepted. Decisions will be made by August 16, 2013.

LandStudies' Litz Region Healthy Watersheds Tour- Aug 18

LandStudies has designed and built nearly 100 green infrastructure sites in Pennsylvania, with approximately 30 located near our Litz (Lancaster County) Pennsylvania office. LandStudies will share its vast experience in water resource management and watershed planning with Tour participants for the purpose of ensuring EPA compliance, improving community well-being and providing economic value to stakeholders. The hands-on educational Tour showcases nearby green infrastructure sites (with up to 15 years of performance history) and cost-effective best management practices that stack environmental and regulatory benefits. Tour Sites Demonstrate:

- Alternative stormwater management techniques
- Groundwater infiltration in karst geology
- Nutrient and sediment pollution reduction
- Water quality improvement to meet municipal MS4 and TMDL requirements
- Pollution reductions in accordance with the Chesapeake Bay Watershed Implementation Plan
- Increased stormwater attenuation to potentially reduce localized peak flooding

General Tours are being offered during the upcoming summer months. Check below for upcoming General Tour dates: August 13th, 2013 Professional and September 18th, 2013 General. All General Tours are from 9:00am–3:00pm. Ticket prices are \$80 per person. Professional Development Credits are coming soon! Lunch and a light breakfast are included. Please dress accordingly for being outdoors and bring comfortable walking shoes that can get dirty or wet. Some of the sites may be muddy. Itinerary and directions will be mailed or emailed to you closer to the Tour date. Itinerary may be subject to change depending on weather conditions. For groups of 10 or more or to schedule a Custom Tour please contact a LandStudies employee at 717-627-4440.

Save the Date York Conference – Sep 7

Just wanted to let you know that PBCCG has an exciting annual conference this year with INCREDIBLE speakers and workshops made possible through Socially Responsible Agriculture Project. It's all about new tools in the toolbox and empowering communities in local governance. I am pleased to announce that we will be holding the conference in York at the UUCY (Unitarian Universalist Congregation of York) on Sat Sep 7th from 12:30-4:30. Directions: <http://www.bing.com/maps/default.aspx?v=2&pc=FACEBK&mid=8100&rt=adr.~pos.39.949195514466-76.720447161761-Unitarian+Universalist+Congregation+of+York+925+South+George+Street%2C+York%2C+Pennsylvania&cp=39.949195514466~-76.720447161761&lvl=16&sty=r&rtop=0~0~0~&mode=D&FORM=FBKPL1&mkt=en-US>. RESERVE YOUR SEAT NOW! Call Maria at 717 826 7286 or 717 456 5800 or email at pavans@zoominternet.net. Cost is \$ 25. Lunch will be included. We decided to have our conference in Sept is so we can provide a farm fresh meal where the food will come from our greatest pride, our local farms !!! You can reserve your seat by clicking on the donate button on our website here: <http://www.pbccg.com/> or you can mail a check to: PBCCG, PO BOX 307, Delta, PA 17314.

Implementing Green Infrastructure at Multiple Scales – Sep 9

Date: 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.

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

Spoutwood Farm Presents The 9th Annual Mother Earth Harvest Moon Fair – Sep 22

Sunday, Sept 22, 2013 10am to 5pm. Please Join Us!!! Return Vendors/Exhibitors: Fill out the registration form found at www.spoutwood.org. We will then respond back with Welcome and Instructions. Easy! And you get it done Now! New Vendors/Exhibitors: We welcome new vendor applications! Fill out the form attached. We will review your application to make sure you jive with the festival theme! Send or email it to us and we'll respond. Call if you want to talk to someone ([717-521-2247](tel:717-521-2247)). Thank You ~ Mother Earth and Spoutwood Fair Planning Committee. Here's Some General Fair Info:

- The Ninth Annual Mother Earth Harvest Moon Fair takes place Sunday, September 22nd, 2013 from 10am-5pm, once again hosted by Spoutwood Farm in Glen Rock, PA.
- The fair includes vendors, performances, workshops, fun, food, and more will be held on Sunday. Saturday fair staff will be on-hand to allow vendor set-up. Spoutwood will also be hosting a variety of Harvest Fair themed workshops on Saturday. Please consider registering for a workshop after you set up!
- This year's the festival springboards off last year's successful hands on focus. This year we're expanding what we're offering adding an ATM to support vendor and exhibitor sales! The Mother Harvest Moon Fair will be a true Celebration of Life in York County.

- Free Entrance Fee for Kids and Parking In order to keep The Mother Earth Harvest Moon Fair family friendly, kids
- 12 and under are free and adults only \$5. Parking at the farm across the road will run \$3/ vehicle.

SEEKING FOCUS GROUP PARTICIPANTS

Participate in one 2-hour focus group and earn \$50 and free gift bag. Light dinner provided. Do you live in Lancaster, York or Franklin County? Are you interested in sharing your opinions about the environment? You may qualify to participate in an upcoming research study facilitated by Land Logics Group. INTERESTED IN LEARNING MORE? If so, complete a brief screening survey. Qualified candidates will be contacted with more information. Scan QR Code with your smart phone to complete screening survey. To complete survey: Go to <https://www.surveymonkey.com/s/SwimFishH2o> or call 717-325-4347.



WATERSHED FINANCIAL ASSISTANCE

Commonwealth Financing Authority Accepting Flood Project Applications – Jul 31

The Corbett Administration announced Thursday the [Commonwealth Financing Authority](#) will begin accepting applications for a program established by the Act 13 Marcellus Legacy Fund to support flood mitigation throughout the state. The deadline for applications is July 31 for consideration at the November 13 CFA meeting. The CFA offers other project funding opportunities under Act 13, including: [abandoned mine, watershed, recreation funding, alternative, clean energy funding, high performance building funding](#) and [PennWorks Program](#) water supply, wastewater infrastructure funding. Applicants can begin applying immediately under the new guidelines for the Act 13 Programs through DCED's electronic single application system. [Note: The guidelines will be posted soon on the [CFA's webpage](#).] The programs are administered jointly by the Department of Community and Economic Development, the Department of Conservation and Natural Resources, and the Department of Environmental Protection, under the direction of the CFA and DCNR. Notify Your Legislators: If you plan to apply for funding under this program, PA Environment Digest strongly urges you to notify your local House and Senate member that you have applied and make sure they know how important it is to you. For more information, visit the [Commonwealth Financing Authority](#) website. Eligible applicants are encouraged to contact Brian Eckert or Matthew Karnell at 717-787-6245 to discuss potential projects before commencing the application process.

\$4.5 Million Available for Capacity Building in Sustainable Communities – Aug 7

HUD has announced a Notice of Funding Availability (NOFA) for \$4.5 million in grants on behalf of the Partnership for Sustainable Communities. Successful grantees will provide capacity-building support for communities engaged in planning efforts that support community involvement and integrate economic and workforce development, housing, land use, land cleanup and preparation for reuse, transportation, and infrastructure investments. An informational webinar on the NOFA will be held on July 16. Contact Dwayne.S.Marsh@hud.gov for webinar registration information. Proposal Due Date: August 7, 2013.

<http://www.grants.gov/search/search.do;jsessionid=L3RLRMTGnyZ7JTbbML2FSxiVRJPXYGH3CvwXmqL5hMTmTq81vGnM!-1329833229?oppld=236800&mode=VIEW>

Reminder: Foundation For PA Watersheds Grant Applications Due – Aug 9

The [Foundation for PA Watersheds](#) is now accepting applications for watershed restoration grants. The Foundation has a second round of grants available in the Fall. Letters of interest are due on August 9. Applications are due September 20. [Click Here](#) for more information.

2013 Growing Greener Plus – Aug 16

2013 Growing Greener Plus application package (including Growing Greener, 319, AMD set-aside and, SMCRA bond forfeiture) will be announced and released in the June 22nd PA Bulletin. This is a bit later than we would have liked, but we are doing our best to get this announcement to be released in early June annually. Expect that we will continue to try to get the release date in early June, and hopefully next year we will get there. The closing date for this year's application submission will be August 16th. That will give folks about 56 days to get an application in, once the application package is released to the public. I would encourage you to begin now, if you have not already, to develop your ideas for submission under these grant programs.

Apply for DEP's Energy Efficiency, Pollution Prevention Grants – Sep 6

Governor Tom Corbett today encouraged Pennsylvania small-business owners to apply for DEP's Small Business Advantage Grant to finance pollution prevention and energy efficiency projects. Businesses can apply for 50-percent matching funds of up to \$9,500 to adopt or acquire energy-efficient or pollution-prevention equipment or procedures. Applicants must be a for-profit corporation, limited liability corporation, partnership, sole proprietorship or other legal entity with 100 or fewer full-time employees. The grant-supported project must be located in Pennsylvania, be owned by the applicant and save the business at least 25 percent plus \$500 in annual energy consumption or in pollution handling or prevention related expenses. Applicants may be manufacturers, retailers, service providers, mining operators or agricultural businesses. Eligible projects include HVAC and boiler upgrades, high-efficiency lighting, solvent recovery systems, waste recycling systems and auxiliary power units deployed as anti-idling technology for trucks. The application deadline is Sept. 6. Eligible applications will be approved on a first-come, first-served basis from July 8 through Sept. 6 or until funds are exhausted, whichever comes first. Funding is eligible for those costs incurred between July 8, 2013 and June 30, 2014. Applications must be mailed to the Department of Environmental Protection's Grant Center, P.O. Box 8776, Harrisburg, PA 17105-8776 or hand delivered to DEP's Grant Center, 15th Floor, Rachel Carson State Office Building, 400 Market St., Harrisburg, PA 17101-2301. Faxes or electronic submissions will not be accepted. For more information and to view the application package, instructions and application form, visit www.dep.state.pa.us and click on the "Small Business Advantage Grant" button. To contact the Small Business Ombudsman's Office, call 717-772-8909 or email epadvantagegrant@pa.gov.

PEMA Fire Company, Ambulance Service Grants - Oct 23

The PA Emergency Management Agency [published a notice](#) announcing it will start accepting applications for its Fire Company and Volunteer

The End of Cheap Water?

The costs of rebuilding our nation's water infrastructure are jaw dropping: estimates range from \$300 billion to \$1 trillion needed over the next 30 years. Add in the cost to develop new water supplies, treatment plants and transmission systems to accommodate growth—\$20 billion for new reservoirs and pipelines in North Texas, \$7 billion for a pipeline in Las Vegas—and the numbers really start to make the mind reel. Investing in our nation's infrastructure and water security is a necessity. But what we invest in is a choice we should not take lightly—not when the costs are so high. And not when water rates are already straining the ability to pay of America's most vulnerable. While it's become a platitude that Americans pay too little for water to care how much they use, the reality is that the costs of water services are outpacing the cost gains of every other basic service—faster than electricity, faster than solid waste, faster even than cable television. And while many of us can afford it, in some communities, the cost of clean drinking water strains the bounds of affordability: a study by the University of North Carolina found that low-income households are paying as much as 8% of annual income for water services. - See more at: <http://www.americanrivers.org/newsroom/blog/iodefey-20130701-the-end-of-cheap-water.html#sthash.dhkubsR3.dpuf>. “



WATERSHED TECHNICAL ASSISTANCE

SRBC's Water Resources Program for Fiscal Years 2014-2015

I am pleased to present the Susquehanna River Basin Commission's Water Resources Program for Fiscal Years 2014-2015 at <http://www.srbc.net/planning/water-resources-program.htm>. SRBC is required by the Susquehanna River Basin Compact to produce a Water Resources Program annually and distribute it to the public. The Water Resources Program lists projects and facilities to be undertaken by SRBC and other governmental and non-governmental interests to meet the water resource needs of the Susquehanna River Basin. If you have any questions, please contact Mr. David Heicher at dheicher@srbc.net or (717) 238-0423, ext. 110.

The future of 4R nutrient stewardship

Agprofessional – International Plant Nutrition Institute via Ag Professional. The 4Rs of nutrient stewardship — right source, right rate, right time, and right place — are factors that have been investigated by crop and soil scientists for decades. With such a rich history, does agriculture really have anything new to bring to these management practices? Read more... <http://www.agprofessional.com/resource-centers/crop-fertility/news/The-future-of-4R-nutrient-stewardship-213029651.html?ref=651>

Free Whitepaper: "The Best Water Data Possible! 5 Key Requirements for Modern Systems."

The best possible water data quality, timeliness, and affordability can only be realized with a hydrological data management system that meets 5 key requirements. This whitepaper discusses how current best practices for water data processing can be achieved by monitoring agencies of all sizes with a scalable, modern system.

- Secure, Centralized Data Management - Increase data consistency, reliability, security, and defensibility while gaining processing efficiencies.
- Evidence-Based Analysis - Leverage modern systems to make hydrological data correction, analysis, modeling, and diagnostics easier for more accurate water information.
- Automated, Real-Time Data Processing - Improve the timeliness of your water data products and services with real-time quality controls and alerts.
- Data Standards & Procedures - Achieve compliance to evolving international standards and improve data consistency with visualization tools and training.
- Water Data Dissemination - Take advantage of modern strategies for data sharing, inter-operability, reporting, and publishing, to ensure that water information is available for the right people, at the right time, in the right place.

Contact: Bill Pope, Aquatic Informatics Inc. T: 1.877.870.2782 or 1.604.873.2782. E-mail: bill.pope@aquaticinformatics.com. Web: www.aquaticinformatics.com

Model Program to Assist State Septic Programs in Managing Water Quality Impacts in the Chesapeake Bay Watershed

EPA has released its model program for onsite systems management in the Chesapeake Bay Watershed. The document provides technical information regarding the elements of a model program for onsite wastewater treatment systems, incorporating key recommendations to effectively and efficiently manage nitrogen treatment systems. The Agency's model program will help provide state onsite programs with the tools that they need to more effectively manage nutrients entering the Bay from onsite systems, which will help improve water quality in the Bay. Development of the model program is part of the Agency's efforts to implement Executive Order 13508 on Chesapeake Bay Protection and Restoration, issued on May 12, 2009, which renewed the federal commitment to restoring and protecting the health of the Chesapeake Bay. For additional information: <http://executiveorder.chesapeakebay.net/>

Fluid Fertilizer Journal Article Provides Overview and Update of 4R Effort

This spring The Fertilizer Institute was invited to prepare an article on the 4Rs for the Fluid Fertilizer Journal. The article is included in the current issue and can be accessed at <http://www.fluidjournalonline.com/>. The article, "4Rs on Fertile Ground," prepared by TFI's Director of Stewardship Programs Lara Moody, provides an overview and updates on efforts in the U.S.

Urban Forest Assessment Resource Guide

A variety of assessment tools have been developed to help officials understand the benefits that urban forests provide, and to help quantify these benefits. This new guide provides the latest framework for practitioners interested in conducting urban forest ecosystem assessments. This guide includes an overview of urban forest management and a section on how to choose an urban forest assessment tool.

Planning for Sustainability: Creating Livable, Equitable and Ecological Communities, 2nd Edition

The revised second edition of this book presents an introduction to the concept of planning for more sustainable and livable communities. The text explores topics such as how compact and walkable cities and towns might be created, how local ecosystems can be restored, how social inequalities might be reduced, and how greenhouse gas emissions might be lowered.

<http://www.routledge.com/books/details/9780415809894/>

CNU 21 Plenary and Session Videos Now Available

Many of the sessions from the 2013 Congress for New Urbanism's annual meeting (CNU 21) are now available for viewing on YouTube. Some of the featured sessions include Tactical Urbanism; Placemaking through Community Engagement; and Removing Obstacles to Mixed-Use Developments. <http://www.youtube.com/user/Congress4NewUrbanism/videos>

Technical Guidance & Permits

The Department of Environmental Protection [published a notice](#) inviting comments on Act 537 Program Guidance on Training Provider Manual for Onlot Sewage System Training. DEP also [published notice](#) modifying Chapter 105 Water and Obstruction and Encroachment General Permits GP 1 through GP-11 and GP-15 to be consistent with revised regulations and fees recently adopted by the Environmental Quality Board. Draft: DEP ID: 385-2314-001. Title: Act 537 Program Guidance; Training Provider Manual for the Pennsylvania Onlot Sewage System Training Program. Description: The purpose of this document is to establish uniform procedures and protocol for reviewing and approving third-party provider-based training courses for prerequisite training for sewage enforcement officer (SEO) certification, continuing education of SEOs and for the training of onlot sewage system installers to ensure application of appropriate credit for completed training. This document also provides for uniform procedures and protocols for reviewing and approving conferences as continuing education for sewage enforcement officers. The substantive revisions clarify that the guidance applies to prerequisite training for SEO certification as well as continuing education training for SEOs and training for onlot sewage system installers.

Proposals Currently Open for Comment

Date Published In PA Bulletin	Proposal	Comment Deadline
6/15/2013	Nutrient Credit Trading Program; Notice of Certification Requests PA Bulletin Notice	7/15/2013
6/15/2013	Draft Technical Guidance 391-2300-002--Operator Certification Program State Board for Certification of Water and Wastewater Systems Operators PA Bulletin Notice	7/15/2013
6/22/2013	Draft Technical Guidance 012-0900-003--Policy on Public Participation in the Permit Review Process PA Bulletin Notice Draft guidance document	7/22/2013



WAY E-NEWS

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



Monday, July 15, 2013

A PUBLIC-PRIVATE PARTNERSHIP

Volume 13, Issue 14

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

- For information contact Patty McCandless at pmccandless@york-county.org or call 717-840-7400.

[Carroll Citizens for Sensible Growth](http://carrollcitizens.com/) - <http://carrollcitizens.com/>

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

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

- July 8 – Meeting of Members and Board, 7:00 pm, at York Water Co. (Mt. Rose Ave.)
- Contact: Jim Leaman at 843-2929

[Codorus Endowment Implementation Committee](http://www.yccf.org) - www.yccf.org

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

[Codorus State Park](#)

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

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

- Club Meets bi-monthly at Mount Zion United Church of Christ, 7:00 pm, at Ridgewood Road in Pleasureville
- Questions or comments e-mail me oc1mike@comcast.net, but remember you catch more flies with honey than vinegar.

[Deer Creek Watershed Association](http://deercreekwatershed.com/) - <http://deercreekwatershed.com/>

- Contact Lee McDaniel at ldmcdaniel@aol.com.

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

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

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

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

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

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

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

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

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

- Club Open Meetings are held the Third Tuesday of each month at 7pm in the Clubhouse.
- Contact: York Chapter #67 IWLA. Ph: 717-428-2000

[Lower Susquehanna Riverkeeper](http://www.lowersusquehannariverkeeper.org) - www.lowersusquehannariverkeeper.org

- Support Lower Susquehanna Riverkeeper and Clean Water - We are working on a shoestring budget. In our 8th year of working for you and all of our children's futures, we've become accustomed to tight budgets. From the very beginning an amazing foundation called the Keith Campbell Foundation for the Environment has been matching our members' contributions. They have now DOUBLED even that commitment! For every dollar you give, they will give us TWO! A \$50 family membership from you today puts \$150 into our efforts to protect and improve our communities, creeks, and the Susquehanna River. We know it is a tough economy, and that's why we don't ask often, but with that tough economy comes more and more attacks on our waterways and landscapes. Too often people see the creeks and rivers as a cheap place to dump their pollution. Now, more than ever, we need to push back against this mentality. And no matter how cliché it sounds this water, these creeks and rivers, need to support all of our children, grandchildren, and all future generations. Please help us leave them the legacy of healthy, prosperous, and fun creeks, communities, and Susquehanna River by donating to our work today @ www.LowerSusquehannaRiverkeeper.org.
- Contact: Michael Helfrich, Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: lawsusriver@hotmail.com.

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

- Contact: Rupert Rossetti, Tributary Team Coordinator, e-mail: RupertRossetti@aol.com

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

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

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

- Contact: 717-840-7408 or Connie Schmotzer at cxs51@psu.edu

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

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

Prettyboy Watershed Alliance – www.prettyboywatershed.org

- Contact: Nancy Shaper at nshaper@jhmi.edu

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

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

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

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

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

- May 22 – Board of Directors meeting, 6:30 PM, at Spoutwood Farm Center.
- Contact Rob & Lucy Woods at Spoutwood Farm at 717-235-6610 or spoutwood@comcast.net.

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

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

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

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

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

- Monthly Chapter Meetings 2nd Wednesday, 7:00 p.m.,
- Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

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

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

Watershed Alliance of York – www.watershedsyork.org

- July 10, 2013 – Annual Meeting of WAY Board of Directors, 7:00 PM, at The York Water Co., Mt. Rose Ave.
- WAY E-News – Published by the Watershed Alliance of York, Inc. to inform the public about news and information that affect York County watersheds and beyond. 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

- Yellow Breeches Paddle Cleanup Jun 23 – Hello sojourners and friends of the Yellow Breeches Creek! Please join the YBWA for an on-the-water paddle cleanup of litter and debris from the Yellow Breeches Creek. Ages 11 and up welcome. YBWA t-shirt, brown-bag lunch, and dinner will be provided for each person that mails in their registration forms by June 10th. Information and registration forms are attached below and are available on our website, ybwa.org. Volunteers are needed on the ground and on the water in boats. Please consider giving your time and effort to take care of the PA Scenic River and treasure that flows through our local community. Did I mention that the Yellow Breeches Creek is the source of your drinking water? The Breeches needs our attention. Please help. Feel free to email or call us with any questions; and by all means, please share with your friends. Thanks! Hope to hear from you! Debbie Goetz deborah.p.goetz@gmail.com; cell- [717-514-4288](tel:717-514-4288), or Brook Lenker, brooklenker@comcast.net; cell- [717-756-2637](tel:717-756-2637). Yellow Breeches Watershed Association, PO Box 5, Grantham, PA 17027
- 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/>

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

York County Conservation District – www.yorkccd.org

- Board meets 2nd Friday, 11:00 a.m. (December-March) and 2nd Thursday, 7:00 p.m. (Apr.-Nov.), at the York County ANNEX
- Contact: YCCD at 717-840-7430 or yorkccd@yorkccd.org

York County Parks & Recreation – www.YorkCountyParks.org

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

York County Planning Commission - www.ycpc.org

- Meets 1st Tuesday at 7:30 p.m., except Wed. Nov. 1 at 7:30 and Tues. Dec. 1, 6:00 p.m., at 28 E. Market St., 2nd Floor.
- Contact YCPC at 717-771-9870 or planner@ycpc.org

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

- Contact YCSWA at 717-845-1066



WATERSHED EDUCATION & OUTREACH

CBP Welcomes Input on new Bay Watershed Agreement

Chesapeake Bay Program Welcomes Stakeholder Input For A New Chesapeake Bay Watershed Agreement The Chesapeake Bay Program has accomplished a great deal since the signing of the first Chesapeake Bay Agreement in 1983 but there is still much left to be done. Three decades later, Bay Program partners are working to guide the continued evolution of the Bay ecosystem restoration and stewardship effort with the creation of a new Chesapeake Bay Watershed Agreement. This new plan for collaboration across the Bay's political boundaries will clarify our vision, mission and values and establish shared goals and outcomes for the protection, restoration and stewardship of the Bay, its tributaries and the lands that surround them. The agreement, now being drafted, is intended to encourage a forward-looking approach to conservation and restoration, focusing on immediate results and recognizing our long-term effort must be sustained by and for future generations. An abridged version is available on Bay Program partners welcome input between July 10 and August 15, 2013 on the abridged version of the agreement. During its regular monthly meeting, CBP's Management Board is also holding a listening session this Thursday, July 11 from 10 a.m. -12:30 p.m. in Annapolis, Maryland to hear from stakeholders in person or via conference call. Visit:

http://www.chesapeakebay.net/trackprogress/chesapeake_bay_watershed_agreement

MILESTONE PROGRESS BEING MADE, BUT NO JURISDICTION MEETING ALL COMMITMENTS

(ANNAPOLIS, MD) – All the jurisdictions in the Chesapeake Bay region are making progress meeting pollution reduction goals, but no jurisdiction is on track to implement all the pollution reduction practices they committed to achieve by 2013. The analysis of selected interim 2012-13 milestone goals was conducted by the Chesapeake Bay Foundation (CBF) and Choose Clean Water Coalition (CCWC). This analysis is designed to ensure that commitments are being met, and if not, that actions will be taken to compensate for any shortfall. In 2009 Chesapeake Bay jurisdictions, having missed restoration goals in the past, created two-year milestones designed to be transparent and provide accountability. This report evaluates the interim progress toward achieving the 2012-13 milestone commitments. Together with pollution limits and state specific plans, this Chesapeake Clean Water Blueprint outlines the path to the restoration of local rivers, streams, and the Chesapeake Bay. The analysis looked at practices within three pollution source categories—agricultural runoff, urban/suburban sources, and wastewater treatment—based on their potential to provide substantial nitrogen, phosphorus, and sediment pollution reductions and offer important lessons for implementation moving forward. In addition, CBF and CCWC believe that the next set of milestones, from 2014-15, should be reported at the basin or county level, as opposed to only at the state level. Local jurisdictions will play an important role in the restoration of local waterways, which is critical to long-term success. Restoring local rivers and streams, and saving the Chesapeake Bay, will provide benefits today and for future generations. If progress is not made we will continue to have polluted water, human health hazards, and lost jobs—at a huge cost to society. Reducing pollution and restoring local water quality will create jobs and enhance local economies. Copies of the state-specific milestone analyses can be found at www.cbf.org/milestones.

New Report: Catalyzing the Transformation of U.S. Water Infrastructure.

I am delighted to share a link to our newest convening report, [Catalyzing the Transformation of U.S. Water Infrastructure](#), which emerged from the rich content explored at our April convening that brought together a diverse group of experts to focus on the intersection of urban water infrastructure and climate change. We asked these experts: What can water infrastructure contribute to both mitigating climate change and adapting to its impacts? We are moving into the next phase of Charting New Waters. In [Catalyzing the Transformation of U.S. Water Infrastructure](#), you will find key outcomes and insights from April's dialogue - in particular, how advances in water infrastructure can help communities address climate change, including promising opportunities to lessen its effects and adapt to its impacts. Also presented are a framework and an initial set of recommended priority activities to advance the transformation of the nation's water infrastructure for the 21st century and beyond. Priority activities include the need to:

- Expand understanding of vulnerability
- Develop greenhouse gas emission inventories
- Strengthen collaboration between researchers and implementers
- Advance widespread adoption of green infrastructure
- Create systems for ecosystem services valuation
- Recover resources from "waste"
- Promote targeted decentralization
- Embrace and adopt smart technologies
- Integrate water resources management

Our goal at [The Johnson Foundation at Wingspread](#) is to help catalyze widespread adoption of more sustainable and resilient water infrastructure systems across the U.S. We will do this by focusing on what we do best - bringing together partners like you to explore the issue. We are equally committed to keeping the conversation going beyond the walls of Wingspread. I hope you will join us by:

Soil erosion is on the rise, scientists say

St. Louis Dispatch – When a raindrop hits the soil, it acts as kind of a miniature bomb, displacing earth in tiny but collectively significant ways. So with all the heavy rain of recent weeks and the countless miniature bomb strikes, the state's cropland is showing serious signs of stress. Soil scientists say they're seeing more erosion on farmland than they have in years. That could mean trouble for crops, particularly corn this season – and it could have long-term consequences for the state's farmland. After last year's historic drought, snow and rain in recent months have increased moisture content, but now things are shifting toward the other extreme. Read more...

http://www.stltoday.com/business/local/soil-erosion-is-on-the-rise-scientists-say/article_de04ee54-baf1-5145-9ba8-62ca9dee1a10.html

Vertical tillage results in loss of productive soil

Claiborne Progress - Since the mid-1980s, many Tennessee producers have implemented a no-till system on their land. The no-till system, which eliminates the use of full-width tillage equipment, provides both economical and conservation benefits to the producer. Prior to the adoption of no-till, the degree of top soil loss was astounding. "Average losses on sloping fields, when intensive tillage was used, ranged from 15 to 150 tons per acre per year. A 40-ton loss spread evenly over an acre in one year, if uniform, is one quarter inch of soil and would not be visible. When you can visually see soil loss, which usually involves gully erosion, very large quantities of soil are being removed from the field. This soil is the most productive soil layer that producer's need for crop production," said Dr. Don Tyler, professor at the University of Tennessee (UT) Research and Education Center at Jackson. Read more: [Claiborne Progress - Vertical tillage results in loss of productive soil](#)

Cover Crop Survey Key Findings

A total of 759 farmers completed the survey. The farmers who completed the survey used cover crops on about 218,000 acres in 2012, and expected to increase that to over 300,000 acres in 2013. Questions on cover crop adoption, benefits, challenges, and yield impacts were included in the survey. Key findings included the following:

- During the fall of 2012, corn planted after cover crops had a 9.6% increase in yield compared to side-by-side fields with no cover crops. Likewise, soybean yields were improved 11.6% following cover crops.
- In the hardest hit drought areas of the Corn Belt, yield differences were even larger, with an 11.0% yield increase for corn and a 14.3% increase for soybeans.
- Surveyed farmers are rapidly increasing acreage of cover crops used, with an average of 303 acres of cover crops per farm planted in 2012 and farmers intending to plant an average of 421 acres of cover crops in 2013. Total acreage of cover crops among farmers surveyed increased 350% from 2008 to 2012.
- Farmers identified improved soil health as a key overall benefit from cover crops. Reduction in soil compaction, improved nutrient management, and reduced soil erosion were other key benefits cited for cover crops. As one of the surveyed farmers commented, "Cover crops are just part of a systems approach that builds a healthy soil, higher yields, and cleaner water."
- Farmers are willing to pay an average (median) amount of \$25 per acre for cover crop seed and an additional \$15 per acre for establishment costs (either for their own cost of planting or to hire a contractor to do the seeding of the cover crop).

Read more... <http://www.northcentralsare.org/Educational-Resources/From-the-Field/Cover-Crops-Survey-Analysis>

What is a Nutrient Management Plan?

Farm Focus – I hear different comments about nutrient management plans (NMP) from farmers. Comments range from "My plan has really helped improve the quality and yield of my crops, I can't imagine farming without one" to "I don't see any value in it so haven't taken it off the shelf". Why the differences in experience with nutrient management planning? A definition that many governments give for an NMP is that it's a farm specific planning tool that determines the amount, timing and application of the major plant nutrients (nitrogen, phosphorus and potassium) through chemical fertilizers and/or animal manures or other products that contain nutrients while minimizing environmental risk. Don't we already do this with fertilizer plans? Read more...

<http://www.atlanticfarmfocus.ca/Opinion/Nutrient%20Management%20Corner/2013-06-20/article-3284886/What-is-a-Nutrient-Management-Plan/1>

Habitat Fragmentation – Culvert Blockages and Solutions

The Bucks County Chapter of Trout Unlimited (Pennsylvania) and the Cooks Creek Watershed Association were featured in the Summer 2013 edition of Trout magazine, TU's national publication, for their [culvert inventory work in the Cooks Creek watershed](#). Princeton Hydro was glad to assist via directly investigating and training of volunteers to inspect and document potential culverts in need of retrofit. Princeton Hydro also completed design concepts and opinion of costs for two example culverts. Identified culverts in need of retrofit will help the creek's wild brown and brook trout. Princeton Hydro based the training on the Vermont guidelines for rating culverts for pass-ability. In this small watershed a total of 97 culverts were identified with 32 of them as potential barriers, and 11 identified as "high priority" in need of retrofit. Why worry about culverts, you say? Read more... http://www.princetonhydro.com/blog/culvert-blockages-and-solutions/?goback=.gde_2555788_member_256351826

Planning Begins for New Stream Restoration Initiative

In a first of its kind effort, Governor Martin O'Malley met with teachers and educators from across the State on July 2 to explore how the next generation of Marylanders could [help restore the Bay](#), one stream at a time. Under this new statewide stream restoration initiative, schools would adopt the streams and tributaries on their property and turn their restoration into a learning experience.

Kid-Safe Waters: A New Aquatic Resource Protection Goal?

The waters nearest 80% of all American homes are probably unfit for wading, swimming and other forms of direct contact. On the East Coast, many of these degraded waters are no more than a 15-minute walk from most homes. While adults may be aware that these waters are unsafe, our children are not. And keeping our kids from playing in these waters is challenging. So our only alternative is to restore these waters to a condition suited to an aquatic playground. Adopting Kid-Safe Waters aquatic resource protection goal may be an essential next step. To learn more, visit: cedsnews.com

State Agencies Issue Alert to Contain Invasive Species in Lycoming County

HARRISBURG -- After confirming the presence of the invasive aquatic algae known as didymo, or "rock snot," in Pine Creek, Lycoming County, anglers and boaters are reminded that cleaning their gear is the easiest, most effective means of preventing its spread to other waters. In late June, DEP biologists were conducting routine stream monitoring in Pine Creek upstream of Waterville in the vicinity of the Hamilton Bottom Canoe Access Area, a popular recreational destination. Laboratory analysis of a sample collected using an algal net detected the presence of didymo in the form of microscopic diatoms, a finding confirmed by the National Academy of Sciences. The Pennsylvania Fish and Boat Commission (PFBC) continued to urge anglers and boaters to take steps to prevent the spread of the algae. The discovery of the algae in a popular recreational area potentially increases the risk of its movement to other waters in Pennsylvania. Prior to detecting didymo in Pine Creek, the alga was found in the Youghiogheny River watershed in Fayette County, in the West Branch and main stem of the Delaware River, and in Dyberry Creek in Wayne County. The PFBC recommends that anglers allow exposed equipment to completely dry before entering new waters. After equipment is dry to the touch, allow it to dry another 48 hours, the commission suggests. Thick and dense material, such as life jackets and felt-soled wading gear, will hold moisture longer, take longer to dry, and can be more difficult to clean. Soaking equipment in hot water containing dishwashing detergent (two cups of detergent for every two and a half gallons of water) for 20 minutes or more also will kill didymo and some other aquatic invasive species. Cleaning boats and equipment with hot water (maintained at 140 degrees Fahrenheit) by pressure washing or soaking is another effective method. If hot water is not available, a commercial hot water car wash also makes a good location to wash boats, motors and trailers. At the other end of the temperature range, freezing items solid for at least 24 hours is effective. If cleaning, drying or freezing is not practical, please restrict the equipment's use to a single waterway. Didymo is not a public health hazard, but it can cause ecological damage by smothering other organisms which also live on the riverbed and support the food web for the resident fish community. The algae, whose scientific name is "Didymosphenia geminata," has colloquially been called "rock snot" because of its appearance. When squeezed nearly dry, the algae, generally tan to beige in color, actually has the feel of moist cotton or wool. For more details on how to stop the spread of didymo, visit http://www.fishandboat.com/water/habitat/ans/didymo/faq_didymo.htm. For more information on how to clean your gear, visit <http://fishandboat.com/cleanyourgear.htm>.



WATERSHED FACILITATION ASSISTANCE

Susquehanna Gateway Flatwater Challenge – Jul 20

Sponsored by: Susquehanna Gateway Heritage Area. Saturday, July 20, 2013 at 10:00 AM (EDT), Airville, PA. Event will be held at the Indian Steps Museum, 205 Indian Steps Road, Airville, PA 17302. It will be held Rain or Shine. The race will begin approximately 10:00 AM. Race meeting will begin at 9:30 AM. Awards will be given to the top 3 finishers in each class. Awards ceremony will be held following the completion of the races. <http://www.susquehannaheritage.org/>

2013 Secchi Dip-In is in full swing – Jul 21

This is just a reminder that the Secchi Dip-In is in full swing. The target dates started June 29 and will continue until July 21. If you have or will collect Secchi or turbidity data between or near those dates, you are invited to participate. Please see our website (<http://www.secchidipin.org>) for instructions and results through 2012. Please write me if you have any questions. If you find the on-line questionnaire difficult to use (it can be), please download a pdf file of the questionnaire and send in a paper copy.

DEP Webinar on Policy on Public Participation in the Permit Review Process – Jul 22

The Department of Environmental Protection recently published draft Policy on Public Participation in the Permit Review Process. This important draft policy establishes a framework for the public's ability to review and provide comments on permits or authorizations under review by DEP. The draft policy was published in the Pennsylvania Bulletin on June 29 and can be found here: <http://www.pabulletin.com/secure/data/vol43/43-25/1120.html>. The deadline to comment on the draft policy is July 22.

Federal Involvement in Real Estate: A Call to Action – Jul 27

Smart Growth America and LOCUS, our coalition of responsible real estate developers and investors, have developed a set of policy recommendations for federal real estate programs. Join us for an online event about this new platform. When: Thursday, July 25, 2013 - 11:00 AM EDT. Speakers: Geoff Anderson, President and CEO, Smart Growth America; Chris Leinberger, President, LOCUS; Ilana Preuss, Vice President and Chief of Staff, Smart Growth America; Frank Alexander, Sam Nunn Professor of Law, Emory University; Dennis Allen, Director of Planning and Development, ZRZ Realty; Richard Baron, President, McCormack Baron Salazar; Eric Larson, Managing Partner, Bedrock Real Estate Services. Register at the link: <https://cc.readytalk.com/cc/s/registrations/new?cid=rzvnrc7qcc4b>. Call-in information will be emailed to registrants.

2013 Watershed Weekend Venue Sponsor Registration Open – Jul 31

The Watershed Alliance of York (WAY) is excited to announce the 11th Annual Watershed Weekend, on September 28 and 29, 2013, in York County and beyond. The purpose of the Watershed Weekend is to increase public awareness about the importance of their watersheds to the local community, economy, and public health. The idea is to encourage as many conservation, environmental and watershed groups, local authorities and governing agencies, for-profits and non-profits, schools, and other stakeholder groups to plan and sponsor one activity locally that will draw people to your watershed and allow them to participate in some manner while learning more about your organization and watershed. Venue sponsors will be responsible for planning, staffing and facilitating one activity on the dates, times and location(s) of their choosing. Already have an activity planned between September 14 and 30? Appropriate planned activities are eligible for inclusion in Watershed Weekend. WAY will serve a central coordinating role handling advertising and promotion and provide technical assistance for the venue, and our responsibility will be to get as many organizations and people involved in Watershed Weekend as possible. Financial assistance is available to sponsors of watershed cleanup activities to help defray the cost associated with waste disposal, handling, and transport. What type of venue should you sponsor? Experience shows us that people want to learn and engage in most hands on activities where they can see some results. Some examples for you to consider are educational workshops, fundraisers, litter cleanups, tree plantings, and outdoors recreational activities. Be creative and use your imagination! We recommend that you keep it simple, fun and safe. If you or your organization would like to sponsor a venue in your watershed, complete the Watershed Weekend Venue Sponsor Registration

form attached, and return it to us by July 31, 2012, either by mail, e-mail or fax. Your sponsored venue information will be included in our Watershed Weekend Guide to be released to the public on September 1st. For more information about Watershed Weekend 2013, contact Gary R. Peacock of WAY by calling 717-840-7687 or e-mailing gpeacock@yorkccd.org<<mailto:gpeacock@yorkccd.org>>. Learn more about WAY, a public-private partnership, at www.watershedsyork.org<<http://www.watershedsyork.org>>. We hope see you during Watershed Weekend! Mark Snyder, WAY President.

3rd Annual Poster Session Networking Event – Registration NOW Open! – Aug 16

The networking poster session will return Saturday evening, September 28, 2013 at the 8th annual Chesapeake Watershed Forum. The goal of the poster session is for individual presenters to share their work in a visual format with conference attendees. Posters will be judged by your peers, and “Best Poster Awards” will be given. Go to the Alliance for the Chesapeake Bay Forum website for more information and the on-line registration link to submit your poster abstract. (If you are a Chesapeake Conservation Corps volunteer please contact Tara Baker at the Chesapeake Bay Trust for information on poster submission.)

<https://allianceforthebay.org/our-work/engaging-local-communities/chesapeake-watershed-forum/poster-contest/>

Deadline for poster submissions is August 2, 2013. Due to space limitations, not all poster presentations will be accepted. Decisions will be made by August 16, 2013.

LandStudies' Litz Region Healthy Watersheds Tour- Aug 18

LandStudies has designed and built nearly 100 green infrastructure sites in Pennsylvania, with approximately 30 located near our Litz (Lancaster County) Pennsylvania office. LandStudies will share its vast experience in water resource management and watershed planning with Tour participants for the purpose of ensuring EPA compliance, improving community well-being and providing economic value to stakeholders. The hands-on educational Tour showcases nearby green infrastructure sites (with up to 15 years of performance history) and cost-effective best management practices that stack environmental and regulatory benefits. Tour Sites Demonstrate:

- Alternative stormwater management techniques
- Groundwater infiltration in karst geology
- Nutrient and sediment pollution reduction
- Water quality improvement to meet municipal MS4 and TMDL requirements
- Pollution reductions in accordance with the Chesapeake Bay Watershed Implementation Plan
- Increased stormwater attenuation to potentially reduce localized peak flooding

General Tours are being offered during the upcoming summer months. Check below for upcoming General Tour dates: August 13th, 2013 Professional and September 18th, 2013 General. All General Tours are from 9:00am–3:00pm. Ticket prices are \$80 per person. Professional Development Credits are coming soon! Lunch and a light breakfast are included. Please dress accordingly for being outdoors and bring comfortable walking shoes that can get dirty or wet. Some of the sites may be muddy. Itinerary and directions will be mailed or emailed to you closer to the Tour date. Itinerary may be subject to change depending on weather conditions. For groups of 10 or more or to schedule a Custom Tour please contact a LandStudies employee at 717-627-4440.

Save the Date York Conference – Sep 7

Just wanted to let you know that PBCCG has an exciting annual conference this year with INCREDIBLE speakers and workshops made possible through Socially Responsible Agriculture Project. It's all about new tools in the toolbox and empowering communities in local governance. I am pleased to announce that we will be holding the conference in York at the UUCY (Unitarian Universalist Congregation of York) on Sat Sep 7th from 12:30-4:30. Directions: <http://www.bing.com/maps/default.aspx?v=2&pc=FACEBK&mid=8100&rt=adr.~pos.39.949195514466-76.720447161761-Unitarian+Universalist+Congregation+of+York-925+South+George+Street%2C+York%2C+Pennsylvania&cp=39.949195514466~-76.720447161761&lvl=16&sty=r&rtop=0~0~0~&mode=D&FORM=FBKPL1&mkt=en-US>. RESERVE YOUR SEAT NOW! Call Maria at 717 826 7286 or 717 456 5800 or email at pavans@zoominternet.net. Cost is \$ 25. Lunch will be included. We decided to have our conference in Sept is so we can provide a farm fresh meal where the food will come from our greatest pride, our local farms !!! You can reserve your seat by clicking on the donate button on our website here: <http://www.pbccg.com/> or you can mail a check to: PBCCG, PO BOX 307, Delta, PA 17314.

Implementing Green Infrastructure at Multiple Scales – Sep 9

Date: 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.

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

Spoutwood Farm Presents The 9th Annual Mother Earth Harvest Moon Fair – Sep 22

Sunday, Sept 22, 2013 10am to 5pm. Please Join Us!!! Return Vendors/Exhibitors: Fill out the registration form found at www.spoutwood.org. We will then respond back with Welcome and Instructions. Easy! And you get it done Now! New Vendors/Exhibitors: We welcome new vendor applications! Fill out the form attached. We will review your application to make sure you jive with the festival theme! Send or email it to us and we'll respond. Call if you want to talk to someone ([717-521-2247](tel:717-521-2247)). Thank You ~ Mother Earth and Spoutwood Fair Planning Committee. Here's Some General Fair Info:

- The Ninth Annual Mother Earth Harvest Moon Fair takes place Sunday, September 22nd, 2013 from 10am-5pm, once again hosted by Spoutwood Farm in Glen Rock, PA.
- The fair includes vendors, performances, workshops, fun, food, and more will be held on Sunday. Saturday fair staff will be on-hand to allow vendor set-up. Spoutwood will also be hosting a variety of Harvest Fair themed workshops on Saturday. Please consider registering for a workshop after you set up!
- This year's the festival springboards off last year's successful hands on focus. This year we're expanding what we're offering adding an ATM to support vendor and exhibitor sales! The Mother Harvest Moon Fair will be a true Celebration of Life in York County.

- Free Entrance Fee for Kids and Parking In order to keep The Mother Earth Harvest Moon Fair family friendly, kids
- 12 and under are free and adults only \$5. Parking at the farm across the road will run \$3/ vehicle.

SEEKING FOCUS GROUP PARTICIPANTS

Participate in one 2-hour focus group and earn \$50 and free gift bag. Light dinner provided. Do you live in Lancaster, York or Franklin County? Are you interested in sharing your opinions about the environment? You may qualify to participate in an upcoming research study facilitated by Land Logics Group. INTERESTED IN LEARNING MORE? If so, complete a brief screening survey. Qualified candidates will be contacted with more information. Scan QR Code with your smart phone to complete screening survey. To complete survey: Go to <https://www.surveymonkey.com/s/SwimFishH2o> or call 717-325-4347.



WATERSHED FINANCIAL ASSISTANCE

Commonwealth Financing Authority Accepting Flood Project Applications – Jul 31

The Corbett Administration announced Thursday the [Commonwealth Financing Authority](#) will begin accepting applications for a program established by the Act 13 Marcellus Legacy Fund to support flood mitigation throughout the state. The deadline for applications is July 31 for consideration at the November 13 CFA meeting. The CFA offers other project funding opportunities under Act 13, including: [abandoned mine, watershed, recreation funding, alternative, clean energy funding, high performance building funding](#) and [PennWorks Program](#) water supply, wastewater infrastructure funding. Applicants can begin applying immediately under the new guidelines for the Act 13 Programs through DCED's electronic single application system. [Note: The guidelines will be posted soon on the [CFA's webpage](#).] The programs are administered jointly by the Department of Community and Economic Development, the Department of Conservation and Natural Resources, and the Department of Environmental Protection, under the direction of the CFA and DCNR. Notify Your Legislators: If you plan to apply for funding under this program, PA Environment Digest strongly urges you to notify your local House and Senate member that you have applied and make sure they know how important it is to you. For more information, visit the [Commonwealth Financing Authority](#) website. Eligible applicants are encouraged to contact Brian Eckert or Matthew Karnell at 717-787-6245 to discuss potential projects before commencing the application process.

\$4.5 Million Available for Capacity Building in Sustainable Communities – Aug 7

HUD has announced a Notice of Funding Availability (NOFA) for \$4.5 million in grants on behalf of the Partnership for Sustainable Communities. Successful grantees will provide capacity-building support for communities engaged in planning efforts that support community involvement and integrate economic and workforce development, housing, land use, land cleanup and preparation for reuse, transportation, and infrastructure investments. An informational webinar on the NOFA will be held on July 16. Contact Dwayne.S.Marsh@hud.gov for webinar registration information. Proposal Due Date: August 7, 2013.

<http://www.grants.gov/search/search.do;jsessionid=L3RLRMTGnyZ7JTbbML2FSxiVRJPXYGH3CvwXmqL5hMTmTq81vGnM!-1329833229?oppld=236800&mode=VIEW>

Reminder: Foundation For PA Watersheds Grant Applications Due – Aug 9

The [Foundation for PA Watersheds](#) is now accepting applications for watershed restoration grants. The Foundation has a second round of grants available in the Fall. Letters of interest are due on August 9. Applications are due September 20. [Click Here](#) for more information.

2013 Growing Greener Plus – Aug 16

2013 Growing Greener Plus application package (including Growing Greener, 319, AMD set-aside and, SMCRA bond forfeiture) will be announced and released in the June 22nd PA Bulletin. This is a bit later than we would have liked, but we are doing our best to get this announcement to be released in early June annually. Expect that we will continue to try to get the release date in early June, and hopefully next year we will get there. The closing date for this year's application submission will be August 16th. That will give folks about 56 days to get an application in, once the application package is released to the public. I would encourage you to begin now, if you have not already, to develop your ideas for submission under these grant programs.

Apply for DEP's Energy Efficiency, Pollution Prevention Grants – Sep 6

Governor Tom Corbett today encouraged Pennsylvania small-business owners to apply for DEP's Small Business Advantage Grant to finance pollution prevention and energy efficiency projects. Businesses can apply for 50-percent matching funds of up to \$9,500 to adopt or acquire energy-efficient or pollution-prevention equipment or procedures. Applicants must be a for-profit corporation, limited liability corporation, partnership, sole proprietorship or other legal entity with 100 or fewer full-time employees. The grant-supported project must be located in Pennsylvania, be owned by the applicant and save the business at least 25 percent plus \$500 in annual energy consumption or in pollution handling or prevention related expenses. Applicants may be manufacturers, retailers, service providers, mining operators or agricultural businesses. Eligible projects include HVAC and boiler upgrades, high-efficiency lighting, solvent recovery systems, waste recycling systems and auxiliary power units deployed as anti-idling technology for trucks. The application deadline is Sept. 6. Eligible applications will be approved on a first-come, first-served basis from July 8 through Sept. 6 or until funds are exhausted, whichever comes first. Funding is eligible for those costs incurred between July 8, 2013 and June 30, 2014. Applications must be mailed to the Department of Environmental Protection's Grant Center, P.O. Box 8776, Harrisburg, PA 17105-8776 or hand delivered to DEP's Grant Center, 15th Floor, Rachel Carson State Office Building, 400 Market St., Harrisburg, PA 17101-2301. Faxes or electronic submissions will not be accepted. For more information and to view the application package, instructions and application form, visit www.dep.state.pa.us and click on the "Small Business Advantage Grant" button. To contact the Small Business Ombudsman's Office, call 717-772-8909 or email epadvantagegrant@pa.gov.

PEMA Fire Company, Ambulance Service Grants - Oct 23

The PA Emergency Management Agency [published a notice](#) announcing it will start accepting applications for its Fire Company and Volunteer

The End of Cheap Water?

The costs of rebuilding our nation's water infrastructure are jaw dropping: estimates range from \$300 billion to \$1 trillion needed over the next 30 years. Add in the cost to develop new water supplies, treatment plants and transmission systems to accommodate growth—\$20 billion for new reservoirs and pipelines in North Texas, \$7 billion for a pipeline in Las Vegas—and the numbers really start to make the mind reel. Investing in our nation's infrastructure and water security is a necessity. But what we invest in is a choice we should not take lightly—not when the costs are so high. And not when water rates are already straining the ability to pay of America's most vulnerable. While it's become a platitude that Americans pay too little for water to care how much they use, the reality is that the costs of water services are outpacing the cost gains of every other basic service—faster than electricity, faster than solid waste, faster even than cable television. And while many of us can afford it, in some communities, the cost of clean drinking water strains the bounds of affordability: a study by the University of North Carolina found that low-income households are paying as much as 8% of annual income for water services. - See more at: <http://www.americanrivers.org/newsroom/blog/iodefey-20130701-the-end-of-cheap-water.html#sthash.dhkubsR3.dpuf>. “



WATERSHED TECHNICAL ASSISTANCE

SRBC's Water Resources Program for Fiscal Years 2014-2015

I am pleased to present the Susquehanna River Basin Commission's Water Resources Program for Fiscal Years 2014-2015 at <http://www.srbc.net/planning/water-resources-program.htm>. SRBC is required by the Susquehanna River Basin Compact to produce a Water Resources Program annually and distribute it to the public. The Water Resources Program lists projects and facilities to be undertaken by SRBC and other governmental and non-governmental interests to meet the water resource needs of the Susquehanna River Basin. If you have any questions, please contact Mr. David Heicher at dheicher@srbc.net or (717) 238-0423, ext. 110.

The future of 4R nutrient stewardship

Agprofessional – International Plant Nutrition Institute via Ag Professional. The 4Rs of nutrient stewardship — right source, right rate, right time, and right place — are factors that have been investigated by crop and soil scientists for decades. With such a rich history, does agriculture really have anything new to bring to these management practices? Read more... <http://www.agprofessional.com/resource-centers/crop-fertility/news/The-future-of-4R-nutrient-stewardship-213029651.html?ref=651>

Free Whitepaper: "The Best Water Data Possible! 5 Key Requirements for Modern Systems."

The best possible water data quality, timeliness, and affordability can only be realized with a hydrological data management system that meets 5 key requirements. This whitepaper discusses how current best practices for water data processing can be achieved by monitoring agencies of all sizes with a scalable, modern system.

- Secure, Centralized Data Management - Increase data consistency, reliability, security, and defensibility while gaining processing efficiencies.
- Evidence-Based Analysis - Leverage modern systems to make hydrological data correction, analysis, modeling, and diagnostics easier for more accurate water information.
- Automated, Real-Time Data Processing - Improve the timeliness of your water data products and services with real-time quality controls and alerts.
- Data Standards & Procedures - Achieve compliance to evolving international standards and improve data consistency with visualization tools and training.
- Water Data Dissemination - Take advantage of modern strategies for data sharing, inter-operability, reporting, and publishing, to ensure that water information is available for the right people, at the right time, in the right place.

Contact: Bill Pope, Aquatic Informatics Inc. T: 1.877.870.2782 or 1.604.873.2782. E-mail: bill.pope@aquaticinformatics.com. Web: www.aquaticinformatics.com

Model Program to Assist State Septic Programs in Managing Water Quality Impacts in the Chesapeake Bay Watershed

EPA has released its model program for onsite systems management in the Chesapeake Bay Watershed. The document provides technical information regarding the elements of a model program for onsite wastewater treatment systems, incorporating key recommendations to effectively and efficiently manage nitrogen treatment systems. The Agency's model program will help provide state onsite programs with the tools that they need to more effectively manage nutrients entering the Bay from onsite systems, which will help improve water quality in the Bay. Development of the model program is part of the Agency's efforts to implement Executive Order 13508 on Chesapeake Bay Protection and Restoration, issued on May 12, 2009, which renewed the federal commitment to restoring and protecting the health of the Chesapeake Bay. For additional information: <http://executiveorder.chesapeakebay.net/>

Fluid Fertilizer Journal Article Provides Overview and Update of 4R Effort

This spring The Fertilizer Institute was invited to prepare an article on the 4Rs for the Fluid Fertilizer Journal. The article is included in the current issue and can be accessed at <http://www.fluidjournalonline.com/>. The article, "4Rs on Fertile Ground," prepared by TFI's Director of Stewardship Programs Lara Moody, provides an overview and updates on efforts in the U.S.

Urban Forest Assessment Resource Guide

A variety of assessment tools have been developed to help officials understand the benefits that urban forests provide, and to help quantify these benefits. This new guide provides the latest framework for practitioners interested in conducting urban forest ecosystem assessments. This guide includes an overview of urban forest management and a section on how to choose an urban forest assessment tool.

Planning for Sustainability: Creating Livable, Equitable and Ecological Communities, 2nd Edition

The revised second edition of this book presents an introduction to the concept of planning for more sustainable and livable communities. The text explores topics such as how compact and walkable cities and towns might be created, how local ecosystems can be restored, how social inequalities might be reduced, and how greenhouse gas emissions might be lowered.

<http://www.routledge.com/books/details/9780415809894/>

CNU 21 Plenary and Session Videos Now Available

Many of the sessions from the 2013 Congress for New Urbanism's annual meeting (CNU 21) are now available for viewing on YouTube. Some of the featured sessions include Tactical Urbanism; Placemaking through Community Engagement; and Removing Obstacles to Mixed-Use Developments. <http://www.youtube.com/user/Congress4NewUrbanism/videos>

Technical Guidance & Permits

The Department of Environmental Protection [published a notice](#) inviting comments on Act 537 Program Guidance on Training Provider Manual for Onlot Sewage System Training. DEP also [published notice](#) modifying Chapter 105 Water and Obstruction and Encroachment General Permits GP 1 through GP-11 and GP-15 to be consistent with revised regulations and fees recently adopted by the Environmental Quality Board. Draft: DEP ID: 385-2314-001. Title: Act 537 Program Guidance; Training Provider Manual for the Pennsylvania Onlot Sewage System Training Program. Description: The purpose of this document is to establish uniform procedures and protocol for reviewing and approving third-party provider-based training courses for prerequisite training for sewage enforcement officer (SEO) certification, continuing education of SEOs and for the training of onlot sewage system installers to ensure application of appropriate credit for completed training. This document also provides for uniform procedures and protocols for reviewing and approving conferences as continuing education for sewage enforcement officers. The substantive revisions clarify that the guidance applies to prerequisite training for SEO certification as well as continuing education training for SEOs and training for onlot sewage system installers.

Proposals Currently Open for Comment

Date Published In PA Bulletin	Proposal	Comment Deadline
6/15/2013	Nutrient Credit Trading Program; Notice of Certification Requests PA Bulletin Notice	7/15/2013
6/15/2013	Draft Technical Guidance 391-2300-002--Operator Certification Program State Board for Certification of Water and Wastewater Systems Operators PA Bulletin Notice	7/15/2013
6/22/2013	Draft Technical Guidance 012-0900-003--Policy on Public Participation in the Permit Review Process PA Bulletin Notice Draft guidance document	7/22/2013

