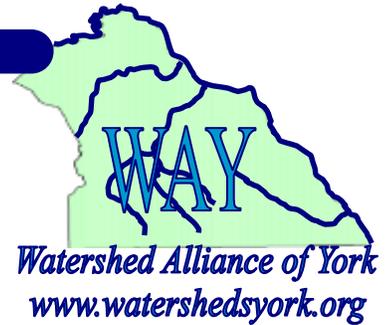


WAY E-NEWS

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



January 31, 2011

A PUBLIC-PRIVATE PARTNERSHIP

Volume 11, Issue 3

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- 2011 Professional Courses are starting at EC. Sign up today!
- Stream Restoration Workshop I : Morphology, Assessment & Classification – May 24-26
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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
- Director SCRO 717-705-47047
- Air Quality 717-705-4702
- Energy & Technology 717-705-4703
- Environmental Cleanup 717-705-4705
- Mining (800) 541-2050
- Radiation Protection 717-705-4704
- Waste Management 717-705-4706
- Water Supply Management 717-705-4708
- Water Management 717-705-4707
- Watershed Management 717-705-4704

FISHERIES – (800) 541-2050

- Wildlife (fish, reptiles, amphibians) nuisance problems or to report violations

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 8/17/2010

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 about farmland preservation in York County contact Patty McCandless at pmccandless@york-county.org or call 717-840-7400.

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

- Apr 11 – CCWA 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

- An advised fund of York County Community Foundation, the Codorus Watershed Endowment (CWE) is a substantial source of charitable support for the stream's improvement and the benefit of the many York Countians who use and enjoy this critical resource - for agriculture, industry, recreation and wildlife, and for drinking water and other municipal purposes. The Endowment was created in December, 2001, with the Foundation's receipt of a \$2 million payment from Glatfelter of Spring Grove, PA, as part of a consent decree settling litigation. A committee of respected environmental, business, and civic leaders has been appointed to lead projects supported by the Endowment.
- <> For more information, contact the York County Community Foundation at 14 West Market Street York, PA 17401-1203. Telephone: York 717.848.3733; Hanover 717.630.1843. Email: info@yccf.org

[Codorus State Park](http://www.dcnr.state.pa.gov) – www.dcnr.state.pa.gov

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

- Mar. 3 – Club Meeting – Mount Zion United Church of Christ, 7:00 pm, at Ridgewood Road in Pleasureville
 - Red Lion High School Paddling Instruction Schedule online
- <> 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 • 156 North George Street • Suite 300 • York, PA 17401 • Phone (717) 843-4411 • Fax (717) 854-7452 or skenny@farmtrust.org

[Friends of Codorus State Park](http://www.friends-of-codorus.org/) – www.friends-of-codorus.org/

- March 19 – Spring Fling– Hanover Elks
- <> For more information contact Becky Miller at 632-6747 or email beckymill1@juno.com or Dave Carbaugh at 637-9875 or email carbaugh3@embarqmail.com

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

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

<> TO VOLUNTEER OR REGISTER FOR FREE or for more information contact Peggy Perry, Program Director for Gunpowder Valley Conservancy at 410-668-0118 or email little-owl@msn.com.

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

- Get involved with the Center! We are looking for Board and Committee members and Center volunteers who have the drive and desire to help move this exciting project forward. If you would like to help, please call or contact: Horn Farm Center 4945 Horn Road York, PA 17406 Phone: (717) 757-6441 Email: info@hornfarmcenter.org If you're interested in: History, Education, Agriculture, Preservation.....then the Horn Farm Center is the place for you!
- <> Contact: Horn Farm Center for Agricultural Education, 4945 Horn Road, York, PA 17406. Phone: (717)654-0571. Email: info@hornfarmcenter.org. Web: www.hornfarmcenter.org.

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

- Calendar of events – www.yorkchapter67iwla.org/id21.html
 - Club Open Meetings are held the Third Tuesday of each month at 7pm in the Clubhouse.
- <> Contact: York Chapter #67 IWLA, 7131 Ironstone Hill Road, Dallastown, PA 17313. Club Grounds Phone: 717-428-2000 *Leave a message for the Committee Contact or Club Officer you are trying to reach. Committee Contacts & Club Officers are listed on the Club Information Page. If no phone or email address is listed contact club grounds phone number.

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

Howdy River Folks, and what a great New Year!

- First, I want to introduce SOLS' new Operations Director, Guy Alsentzer. He's going to take over some of the organizational work and some of the interaction with you, our Stewards, something that I know I don't keep up as much as I should. Guy also happens to be an environmental attorney. ☺ You'll hear from him soon.
- I'd also like to introduce Metta Barbour, who will be helping us coordinate this year's Codorus clean up and fundraising drive for SOLS. This is the 10th anniversary of the big 10-day cleanup we had on the Codorus in York, PA, in 2002. Over 300 volunteers pulled 1200 tires and 8 40-yard dumpsters full of debris out of the Codorus. Ten years later we have Bald Eagles and Mink in downtown York!!! This was the beginning of my work to improve and preserve our waterways, and this year I know we are going to do even more. I am now the Clean Up coordinator with the Watershed Alliance of York, so if you need some help, and a little funding for cleanups, shoot me an email (funding available for York and western Lancaster Counties.)
- Conowingo Dam, and the dangerous amount of sediment and pollutants trapped behind it, is still one of our top priorities. We were hoping to get the first year's studies being done by Exelon for the FERC relicensing last Friday, but FERC gave them a one month extension. Studies are now expected out on February 22. Another set of studies, specific to the sediment problem, are being led by the Army Corps of Engineers, Susquehanna River Basin Commission, and Maryland Dept. of Environment. The study plans should be out soon. We'll keep you posted. Feel free to email any ideas for beneficial reuse of the sediment. Remember it does contain pollutants like PCB's and pesticides, so we can't just dredge it and put it back on farms. We need reuses, preferably which require the material to be heated to temperatures over 1000 degrees, to break down the PCB's and pesticides.
- Many of you have probably heard about the Farm Bureau suing to block the Chesapeake TMDL and WIP cleanup plan. This lobbying group has no understanding of what it means to live in community, where everyone's actions affect everyone else. We can't restore the Susquehanna and Chesapeake without changes in how we all live our lives. This means we, as individuals, reducing or eliminating fertilizers on our lawns, and trying to keep stormwater on our properties; wastewater plants upgrading to treat the pollution that we all make every day; industries changing their practices to reduce pollution, including nitrogen and phosphorus; and, of course, agriculture, the biggest source of pollution to the Susquehanna and the Chesapeake, using only the fertilizers they need and not using their fields for manure waste disposal, not farming to the edge of streams, leaving buffers to absorb excess fertilizer and pesticides, stopping the use of excess antibiotics that compromise human health, and not letting the Farm Bureau LIE to Congress and the public about efforts to improve our communities for EVERYONE. Please check out this video that 60 MINUTES did on the Farm Bureau.
<http://www.youtube.com/watch?v=c4iiV8e0Y6A>
- We're working on a lot of other things, including a nasty landfill up above Sunbury. And yes, now that they are bringing Marcellus Shale frack water down into the lower Susquehanna to be "treated", we've been dragged into that one, too (Guy's going to be on top of this one).
- We have a benefit concert by HEXBELT at the John Wright Restaurant in Wrightsville on Saturday, February 5th, from 10pm to 2 am. Its five bucks, and kinda late, but the venue is a beautiful glass room looking out onto the Susquehanna. It will be a great time and you can dance and meet other Stewards while knowing you are improving the Susquehanna.
- We tried to get out everyone's receipts for membership so you can deduct your contribution from your taxes. If you haven't gotten yours, please email us.
- Finally, we always need your help to keep this work going. We don't take money from the government, as many people think. Without you, SOLS does not exist. To me, there is nothing more American than this, I don't care what your political affiliation may be. The Keith Campbell Foundation for the Environment continues to be an amazing supporter of our work! They will DOUBLE MATCH every dollar you give. A \$50 family membership means \$150 will be contributed to continue this important work. Your contributions, and the fact that we are in our sixth year, prove that you agree that this is some of the most important work we can be doing for our families and all future generations. You can contribute on line through Paypal, or print out a membership form at
<http://www.lowerSusquehannaRiverKeeper.org/donate.html> .

We look forward to partnering with you for a very productive year for SOLS, the Lower Susquehanna RIVERKEEPER®, and, most importantly, our waterways and communities. From the Mighty Susquehanna, Michael R Helfrich, Lower Susquehanna RIVERKEEPER®
<> 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/bay/tribstrat/upper_west/up_west_shore.html

<> Contact: Mike Bilek, Tributary Team Coordinator, MD DNR, Tawes Office Building, Annapolis, MD 21401. Ph: 410-260-8988. E-mail: mbilek@dnr.state.md.us

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

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

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

• Apr 25 - Advisory Board meeting, 6:30 pm, York County ANNEX

<> 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

• Become a PWA Member: Support PWA programs and activities to preserve our watershed.

<> Contact: Nancy Shaper at nshaper@jhmi.edu

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

• Monthly meetings will be held the last Tuesday of the each month at 6:30 pm in the Community Room at the Giant at 2300 Linglestown Rd, Harrisburg, PA 17110. All members are welcome!

<> Kim Anderson at sgfornyc@aol.com.

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

- Board of Directors meeting January 28, 2011, 7:00 PM, at the farm
- <> Contact Rob & Lucy Woods at Spoutwood Farm at 717-235-6610 or spoutwood@comcast.net.

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

- We are currently developing our 2011 Calendar of Events. The following events have been scheduled:
 - Wednesday, April 13 - Susquehanna Heritage Lecture Series - 6:30pm Rocks and Mining History along the Lower Susquehanna River, Presented by Jeri Jones, Jones Geological Services
 - Saturday, April 23 - Guided walking tour - Shenk's Ferry Wildflower Preserve - Lead by Mark Arbogast, Park and Recreation Expert - 10am-11:30am
- Questions? Please contact Marie Cartwright, Outreach & Communications Coordinator mcartwright@susquehannaheritage.org or 717-252-0229 ext. 4
- SGHA is pleased to announce the launch of our new membership program. If you are interested in helping support our work as a Heritage Area, or for more information about the membership program, visit our website www.SusquehannaHeritage.org or click here <http://www.susquehannaheritage.org/SGHAMembership.asp>.
- <> Contact Mark Platts, Susquehanna Heritage Corporation, 1706 Long Level Road, Wrightsville, PA 17368. Office: 717-252-0229. E-mail: info@lyhr.org.

Susquehanna Greenway Partnership - www.susquehannagreenway.org

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

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

- Feb 9 - Monthly Chapter Meetings 2nd Wednesday, 7:00 p.m., at Gander Mtn. (winter)
- <> Contact: Tom Finenze at 840-1372 or tom@codorustu.org. Cancellations due to winter weather will be announced here, and on WSBA Radio, 910 AM.

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

- Feb 16 - Chapter Meeting at [Collinsville Fish & Game](#)
- <> Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

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

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

Watershed Alliance of York - www.watershedsyork.org

- Apr. 6 - Annual Meeting of WAY Board of Directors, 7:00 PM, at 324 W. Market St., York, PA.
 - GoodShop Deals for WAY - <http://www.goodsearch.com/goodshop.aspx>
 - The Knot Wedding Shop - 20% off your total purchase at The Knot! (no minimum purchase required) + 7% donation to WAY
 - Bed, Bath & Beyond - Start your bridal registry at Bed, Bath, & Beyond and \$5 will be donated to the charity or school of your choice! \$5 donation to WAY
 - David's Bridal - Save 15% on ceremony and reception accessories, favors & gifts at David's Bridal + 4% donation to WAY
 - Ultra Beauty - 20% off your entire order at Ulta Beauty. Exclusions Apply. + 4% donation to WAY
 - 24 Fitness - \$0 initiation fee + \$29.99 dues on Keep Fit All - Club Sport memberships at 24 Hour Fitness. + 5% - 10% donation to WAY
 - FragranceNet.com - 10% off all orders at FragranceNet.com. + 5.5% donation to WAY
 - WAY E-News - Published by the Watershed Alliance of York, Inc. to inform the public about news and information that affect York County watersheds and beyond. PLEASE SHARE WITH YOUR MEMBERSHIP AND E-MAIL LIST. Contributions of news, events and information relating to watershed education, funding, planning, restoration, protection, and stewardship welcome. Send contribution to and contact us for mailing list additions/changes to the e-mail address below. Distribution: electronic (1,850). Frequency: bi-weekly. Subscription: No charge. Editor: Gary R. Peacock.
 - You can make www.goodsearch.com and be sure to enter WAY as the charity you want to support.
- <> Contact: Watershed Alliance of York, Inc. (WAY), C/o York County Conservation District, 118 Pleasant Acres Road, York, PA 17402. Phone: (717) 840-7430. Facsimile: (717) 755-0301. E-mail: gpeacock@yorkccd.org

Yellow Breeches Watershed Association - www.ybwa.org

- <> Contact: John Eby, President, at john_eby@lower-allen.pa.us

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

- Feb. 23 - Next Board meeting, 9:00 AM, at RAYAC
- <> Contact Shanna M. Wiest, Government Affairs Director, REALTORS Association of York & Adams Counties, Inc. 901 Smile Way York, PA 17404. Phone: (717) 843-7891. Fax: (717) 854-0720. <http://www.rayac.com>

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

- Monday, February 14, 2011: Donald and Marion Wilson present "Our Best Pictures"
- Monday, March 14, 2011: Harry Campbell presents "From Pennsylvania to the Bay: Challenges and Solutions for Restoring Our Streams and the Chesapeake"

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

York County Conservation District – www.yorkccd.org

- Board meets 2nd Friday, 11:30 a.m. (December-March) and 2nd Thursday, 7:00 p.m. (Apr.-Nov.), at the York County ANNEX
- Rain Barrel Sale! Visit our website for more information and prices.

<> Contact: YCCD at 717-840-7430 or yorkccd@yorkccd.org

York County Parks & Recreation – www.YorkCountyParks.org

- Featuring 11 parks and approximately 4,300 acres, the York County Department of Parks and Recreation awaits your visit. Trails, lakes, pavilions, streams, and creatures of all kinds eagerly look forward to seeing you. So bundle up, pack some hot cocoa, and bring the family out to hike the trails, sled on the hills, watch the stars, and breathe in the crisp, fresh air of the New Year.

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

York County Planning Commission – www.ycpc.org

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

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



WATERSHED EDUCATION & OUTREACH

Biennial DEP Report Shows 80 Percent of Streams, Rivers Attaining Use Designation

Challenges Remain: Report to EPA Also Recommends Streams, Rivers for 'Impaired' Status. The Pennsylvania Department of Environmental Protection (PA DEP) released a report entitled '2010 Pennsylvania Integrated Water Quality Monitoring and Assessment Report.' Pennsylvania has classified 3,300 miles of streams as exceptional value and 23,000 miles as high quality. The report states that of 68,320 miles of the state's 84,867 miles of streams and rivers that are assessed for aquatic life use are attaining that water use. Of the impaired miles, 9,413 require development of a total maximum daily load, or TMDL, and 6,105 have an approved TMDL. To view the full report, visit

http://www.portal.state.pa.us/portal/server.pt/community/water_quality_standards/10556/integrated_water_quality_report_-_2010/682562. PA DEP News Release, December 23, 2010

<http://www.portal.state.pa.us/portal/server.pt/community/newsroom/14287?id=15710&typeid=1>

Great American Cleanup of PA Participant

The 2011 Great American Cleanup of PA will begin on March 1st and end on May 31st. During this period, registered events can get free bags, gloves, and vests from PennDOT district offices. Events consist of litter cleanups, illegal dump cleanups, beautification and community greening projects, special collections, and educational events. Events must be registered through the Great American Cleanup of PA website, www.gacofpa.org, to get these free cleanup supplies. Nestle will also be a sponsor this year and you will be able to get coupons for cases of water while they last. As part of this event, the Pennsylvania Department of Environmental Protection and Pennsylvania Waste Industries Association are sponsoring Let's Pick It Up PA – Everyday. During the Pick It Up PA Days, registered event coordinators will be able to take the trash collected during their cleanup to participating landfills for free disposal. The Let's Pick It Up PA – Everyday event will begin on April 16th and end on April 30th. The focus day will be April 23rd. More information and resources for the Great American Cleanup of PA can be found on our newly designed website www.gacofpa.org. If you have any questions or need additional information, please contact Michelle Dunn, Program Coordinator, at 1-877-772-3673 ext. 113 or mdunn@keepbeautiful.org. Last year, over 186,00 volunteers participated in events in each of the 67 counties of the state. We thank all of you for your commitment to help keep Pennsylvania beautiful. We hope that you will participate in the Great American Cleanup of PA again this year.

NOTE: WAY seeking sponsors to clean up illegal dump sites around York County! Financial and technical assistance available. Contact Michael Helrich at Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: lowsusriver@hotmail.com

Lower Susquehanna Conservation Initiative Update

An informational meeting was held on November 22 to update anyone interested in the Lower Susquehanna Conservation Landscape Initiative (CLI). Pennsylvania Department of Conservation and Natural Resources (DCNR) Secretary John Quigley gave an overview of the successes DCNR and local partners have accomplished to date. He also urged those in attendance to continue the work in the Lower Susquehanna CLI even as DCNR transitions to a new administration in Harrisburg. DCNR staff reviewed Pennsylvania's CLI Program and introduced the management team for the Lower Susquehanna CLI. As co-lead organizations for the CLI, Susquehanna Gateway Heritage Area (SGHA) and the Lancaster County Conservancy (LCC) provided an overview of priority strategies. The meeting also included an opportunity for attendees to provide input on implementation strategies to advance the Lower Susquehanna CLI. The Lower Susquehanna CLI covers a large swath of land area in York and Lancaster counties. Framed by endless miles of forested rocky cliffs that are adjacent to rich agricultural fields and occasional settlements, the Susquehanna River is the heart of this iconic landscape. The Lower Susquehanna CLI is a place-based strategy for natural resource stewardship and advocacy that seeks to enhance the rich landscape of the Susquehanna River Corridor through increased land protection, natural and cultural resource stewardship, increased public connections to these resources, and promoting sustainable economic development strategies keyed to heritage and eco-tourism. For more information visit the SGHA website

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

President Signs Bill Requiring Federal Facilities To Pay Stormwater Fees

In a win for municipalities, Congress passed a bill in the lame duck session requiring federal facilities to pay local stormwater management fees, overcoming executive branch arguments that the federal government is constitutionally exempt from such fees because they count as taxes. The President signed the bill into law on January 4, 2011. S. 3481 passed the Senate and House by unanimous consent Dec. 21 and

Dec. 22, respectively. When Sen. Benjamin Cardin (D-MD) introduced the legislation June 10, he cited the need for the government to translate into action its support for new controls to mitigate stormwater pollution from federal properties. Cardin drafted the bill in response to findings by the Government Accountability Office and General Services Administration (GSA) in April that stormwater fees charged by the D.C. Water and Sewer Authority - intended to help reduce pollution in the Chesapeake Bay - are equivalent to a tax on the federal government, and thus unconstitutional (Water Policy Rept, June 7). Read article... <http://www.erosioncontrol.com/the-latest/federal-stormwater-fees.aspx>

Keep Unwanted Medications Out of the Water

Posted: 18 Jan 2011 11:02 AM PST. Proper disposal of prescription drugs and personal care products should be an issue for everyone no matter what watershed you reside in. Advances in techniques allow detection of some drug and bactericidal agents at levels as low as parts per trillion. Research has documented that these chemicals are appearing, in very small amounts, in finished drinking water. Read blog... <http://extension.psu.edu/water/discovery-watersheds/newsletter/news/2011/keep-unwanted-medications-out-the-water>

Game Commission Offers Tree Seedlings For Landowners – Apr 22

While much of Pennsylvania's landscape is frozen, now is the time for landowners to begin making plans to help wildlife by planting tree and shrub seedlings offered by the Game Commission's Howard Nursery, which is accepting orders until April 22. Order forms and information are available on [the agency's website](#). The order form can be completed and submitted online, or printed out and faxed or mailed. Payments are not due until the order is confirmed by Howard Nursery. For those without internet access, order forms can be obtained at Game Commission offices or various displays or booths at shows in which the agency participates through the spring or by sending a self-addressed, stamped envelope to: Howard Nursery, 197 Nursery Road, Howard, PA 16841. Landowners may purchase seedlings for wildlife food and cover, watershed protection, soil erosion control, and for reclamation of disturbed areas, such as surface mine site and utility right-of-ways. The goal of the Howard Nursery is to provide the finest available tree seedlings that best provide for the various needs of wildlife, including food and shelter. All of our stock is inspected annually by the state Department of Agriculture and certified to be disease-free. The nursery sells seedlings in units/bundles of 25. Orders of 12 more total units receive discounted pricing. Prices are as low as \$3.75 per unit of 25 seedlings (15 cents each). Some species have already sold out

Keeping Our Greenways Clean Grade School Publication Now Available

[Keep Pennsylvania Beautiful](#) recently notified grade schools across the state about a creative new anti-littering publication now available for Grades 4 to 6. "Open Your Eyes To Litter: Keeping Our Greenways Clean" is 34 pages long and teaches how litter and illegal dumping impact greenways and why it is important to keep our environment clean. The book highlights eight greenways across Pennsylvania, provides activities throughout, and details the functions and benefits that greenways provide. This book can also be used to help teach Department of Education Academic Standards for Environment and Ecology and Geography. [Other educational resources](#) are also available on litter prevention. Order through the Beautiful Shop on the educational resources page. <http://www.keppbeautiful.org/>

"Creating a nature trail" video from York Newspaper website

Nice video of York Catholic students working on a nature trail by the school! (With a guest-starring role by "J.T. Hand"!). Wecology sponsored and WAY supported illegal dump site cleanup. <http://link.brightcove.com/services/player/bcpid8689390001?bckey=AO~~.AAAAAGaC5v4~.9uhnmkkl-Y6EMXBydaREMPvNLTTSByG&bclid=1915439352&bctid=760305368001>

Sustainable Snow Salt and Removal

Typically, rock salt (sodium chloride, NaCl) is used to deice roads and sidewalks by lowering the freezing point of ice and snow. This can have negative environmental impacts including contaminating drinking water, harming plants and animals, and corrodes roads and bridges. An alternative is calcium magnesium acetate (CMA), which is made from limestone treated with acetic acid. Though it may be more expensive and harder to find, it has less potential to affect the environment and is not as corrosive as salt. Another alternative is MagicSalt, a patented blend of magnesium chloride and condensed distiller solubles, which is non-toxic and biodegradable. By Emily DeMasi, The Inspired Economist, December 9, 2010. <http://inspiredeconomist.com/2010/12/09/let-it-snow-sustainable-snow-salt-and-removal/>. To view EPA's publication "Safer Roads What You Should Know About Safe Winter Roads and the Environment (2005)", visit <http://www.epa.gov/ne/topics/water/pdfs/winterfacts.pdf>.

Winter 2011 Environmental Programs at Holtwood

DATE	PROGRAM	LOCATION*	TIME
Sat., Feb. 26	Basic Boating Safety Course. Registration required by Feb. 20	HEC	9 a.m. to 5 p.m.
Sun., March 6	Eagles in their Habitat	L12	2-3:30 p.m.

Winter 2011 Environmental Programs at Brunner Island

DATE	PROGRAM	LOCATION*	TIME
Tues., Feb. 8	Day One of the Battle of Gettysburg. Advanced registration required by Feb. 3	CR	7-8:30 p.m.
Sat., March 5	Basic Boating Safety Course. Advance registration required by March 1	CR	8 a.m. to 4 p.m.

For more information, please visit our website at www.pplpreserves.com, call 1-800-354-8383 or e-mail pplpreserves@pplweb.com

For information on the current river conditions, call the Lower Susquehanna Hot Line at 1-800-692-6328.



WATERSHED FINANCIAL ASSISTANCE

Habitat Restoration Grants Available – Feb 14

The Five Star Restoration Grant Program, an initiative from the National Fish and Wildlife Foundation, supports community-based wetland, riparian and coastal habitat restoration projects throughout the United States. One-year grants from \$10,000 to \$25,000 and two-year grants from \$10,000 to \$40,000 will be awarded to projects that build diverse partnerships and foster stewardship through education, outreach and training activities. Projects must include meaningful education through community outreach and/or integration with K-12 environmental curriculum. Partnerships should include at least five organizations (nonprofit organizations, government agencies, educational institutions, businesses, etc.) that contribute to project success through funding, land, workforce support, technical support or other in-kind services. The application deadline is February 14. Visit the National Fish and Wildlife Foundation website to download the 2011 Request for Proposals. http://www.nfwf.org/AM/Template.cfm?Section=Charter_Programs_List&Template=/TaggedPage/TaggedPageDisplay.cfm&TPLID=60&ContentID=17901

EPA Seeks Applications For Community-Based Environmental Grants – Mar 22

The U.S. Environmental Protection Agency is making \$2 million available in 2011 to reduce pollution at the local level through the [Community Action for a Renewed Environment](#) Program. Applications are due March 22. CARE is a community-based program that works with county and local governments, tribes, non-profit organizations and universities to help the public understand and reduce toxic risks from numerous sources to protect people's health. EPA will award CARE cooperative agreements in two levels. Level I awards range from \$75,000 to \$100,000 and will help establish community-based partnerships to develop local environmental priorities. Level II awards, ranging from \$150,000 to \$300,000 each, will support communities that have established broad-based partnerships, identified the priority toxic risks in their communities, and are prepared to measure results, implement risk-reduction activities and become self-sustaining. In 2010, EPA's CARE program distributed \$2 million throughout 14 communities. Among the grant recipients, projects included tackling drinking water and stormwater pollution, solid waste, and toxics issues in Cordova, Alaska; addressing air and water pollution sources, municipal solid waste collection and chemical releases in Ashland, Ky.; targeting pest and solid waste issues in New York, N.Y.; tackling air pollution and land use issues in Detroit, Mich.; focusing on threats from lead in paint, mold, and hazardous household products in Gary, Ind.; and addressing air pollution, greenhouse gas emissions, water pollution, and poor waste management in Kansas City, Kan. Since 2005, 81 communities in 39 states and territories have used CARE grants to help reduce pollution and protect people's health. A recent evaluation by the National Association of Public Administrators recognized the CARE program as a solid tested framework for engaging communities and other stakeholders. EPA will conduct three webcasts to answer questions from prospective applicants about the application process on February 8, February 23, and March 2 from 1:00 p.m. to 3:00 p.m. More information about the grants and webcasts, visit EPA's CARE webpage. <http://www.epa.gov/care/>

WREN Community Watershed, Source Water Protection Education Grants Now Available – Mar 25

Looking to make a difference in your community? Want to "go greener" in your town for 2011 with solutions that will help keep Pennsylvania water resources clean and healthy? The [Water Resources Education Network](#) has [funding available](#) up to \$5,000 to help launch community projects that build awareness and educate Pennsylvania citizens and local officials about their role as environmental stewards, encourage behavior change, and improve public policies that will protect PA water resources. WREN gives priority to projects that incorporate social marketing concepts and encourage individual or public policy actions that will protect and improve local water resources. Since 1992, LWVPA-CEF has provided over \$1.8 million in funding to over 277 community partnerships working to safeguard Pennsylvania water resources. For the 2011 round, WREN offers two separate funding tracks:

- A Watershed Protection Education Project track that builds awareness, educates Pennsylvania local officials about their role as environmental stewards and offers specific actions that citizens can take at home, at work, and within the community to protect, improve, or remediate the watershed from the impacts of polluted runoff, also known as nonpoint source pollution. Grant award: up to \$5,000 per project.
- The WREN Source Water Protection Education Grant Program seeks to develop a network of Source Water Environmental Education Teams (SWEETs) to help Pennsylvania communities and public water suppliers conduct grass roots public education and to implement prevention actions at the local level that will reduce risks to public water sources. Grants of up to \$5,000 per project for local source water protection projects that concentrate on a specific community public water supply protection area. One regional project will be awarded up to \$8,000 that will focus aquifer wide (groundwater systems) and/or watershed protection efforts (surface water), which includes multiple public water systems, and addresses cross-jurisdictional issues.

Applications are due by March 25. Grantees to be announced by mid May 2011, with project activities to be completed July 1, 2011 - June 30, 2012. Guidance and application forms are [available online](#). Get all the details, and download the Grant Guidance and Application at the [WREN website](#). Questions? Call Julie Kollar, WREN Program Director at 267-468-0555 or send email to: juliekwren@verizon.net.

Aquatic Invasive Species Panel Requesting Grant Proposals – Apr 1

The [Mid-Atlantic Panel on Aquatic Invasive Species](#) is soliciting grant proposals through its Small Grants Competition to fund projects on eradication, education and reporting. Proposals are due April 1. Funding proposals can include these components: eradication and control, reporting and monitoring, survey and risk assessment, vector management and public education and outreach. For more information, download the grant announcement at <http://www.midatlanticpanel.org/>

Accepting Grant Applications – Apr 20

Grant applications will be accepted until 4:00 p.m. on Wednesday, April 20, 2011. The 2011 Community Conservation Partnerships Program will focus on making grant awards that create or enhance the Commonwealth's recreation and conservation infrastructure--supporting sustainable communities, economic development, healthy lifestyles and creating jobs. Specific priorities for grant projects include: Park and recreational facilities that demonstrate green principles and connect children to healthy recreation and the outdoors; trails; river access projects and projects identified by regional partnerships including Conservation Landscape Initiatives, Statewide Significant Greenways, and Heritage Areas. For more information on these priorities, visit www.paoutdoorrecplan.com. The Bureau encourages all interested applicants to

contact their BRC regional recreation and parks adviser to discuss proposed projects and program application requirements as soon as possible. To find your regional adviser, go to <http://www.dcnr.state.pa.us/brc/aboutus/index.htm>.

Financially Sustainable Water Infrastructure

EPA Website provides tools to support and protect watersheds. Committed watershed organizations and state and local governments need adequate resources to achieve the goals of the Clean Water Act and improve our nation's water quality. To support these efforts, the U.S. Environmental Protection Agency (EPA) has created this Web site to provide tools, databases, and information about sources of funding to practitioners and funders that serve to protect watersheds. <http://water.epa.gov/aboutow/owow/funding.cfm>



WATERSHED FACILITATION ASSISTANCE

Sustainability Film Series at York College

- Feb 1 at 6:30PM in CPAC (Performing Arts Center) is a screening of One Water and a panel discussion to follow. We will also have some tables set up in the lobby by 6pm for information from any other groups in the community or other events to advertise.
- Mar 15 at 7PM in Humanities 218 (Film viewing room) we will screen Big River and have a conversation with producer Aaron Woolf - this is the sequel to King Corn
- Mar 17 at 6:30PM in CPAC Presentation by Richard Ally—Climate Scientist and author of IPCC (Intergovernmental Panel on Climate Change) Report...We'll also have tables set up in the lobby this evening for community organizations to have fliers or information
- Mar 31 at 7PM in Humanities 218 we will screen Gasland and have a follow-up discussion about the film
- Apr 6 at 7PM in Humanities 218 we will have a lecture/discussion with Amy Korst - who went a year without producing trash - see her blog <http://www.greengarbageproject.com>

Webcast: Changing Management of Nutrients in the Chesapeake Bay Watershed – Feb 18

February 18, 2011 2:30 p.m. (eastern), 1:30 p.m. (central), 12:30 p.m. (mountain), 11:30 a.m. (pacific). The objective of this webcast will be to outline highlights of water quality data and political drivers that will shape the future of agricultural nutrient management in the Chesapeake Bay watershed. While some improvements in water quality have occurred we will point out shortfalls in improvement goals and areas where improvement is targeted. Policies are changing for all sources of nutrients and sediment in the watershed, both agricultural and non-agricultural. We will provide an update on implementation of Total Maximum Daily Load (TMDL) policy and how the six states in the watershed are helping to meet water quality targets. After starting out with watershed-wide issues we will end with how policies may impact producers on a smaller sub-watersheds scale. An application for continuing education credit for Certified Crop Advisors (CCAs) and members of the American Registry of Professional Animal Scientists (ARPAS) will be submitted. How Do I Participate? On the day of the webcast, go to http://www.extension.org/pages/Live_Webcast_Information to download the speakers' presentations and connect to the virtual meeting room. First-time viewers should also follow the steps at: http://www.extension.org/pages/How_Do_I_Participate_in_a_Webcast%3F.

Making Conservation Pay – Bay Farms On-Farm Network Annual Conference – Feb 24

FEBRUARY 24, 2011 – 8:00am-12:30pm. Conference held at the Farm & Home Center of Lancaster Co. Lunch catered by Hess's Barbeque. Keynote Speaker – PA Secretary of Agriculture Russell Redding. Please register by contacting Jean Zentz at TeamAg Inc at 717-721-6795 or jeanz@teamaginc.com. For more information or to register online, visit www.bayonfarmnetwork.org. The event is free, but registration is required to provide an accurate count for lunch. The conference is for farmers; farm advisors and consultants; local, state, and federal agency and conservation district staff; and other interested stakeholders.

Webinar: Farms as Places of Learning – Feb 24

February 24, 2011 at 12:00 Eastern featuring Raina Dominguez, a Farm-based Educator at Pennypack Farm and Education Center in Horsham, PA. Sponsored by the Environmental Leadership Program. Register <https://www2.gotomeeting.com/register/456905562>

Workshop on Preparing and Reviewing Stormwater Management Plans for Redevelopment Projects - Mar

The Patapsco Back River Tributary Team, along with the Upper Western Shore Tributary Team, is sponsoring three free workshops on the 2010 Maryland stormwater management regulations for redevelopment projects. The workshops will provide an intensive hands-on half day training session to identify the most effective stormwater management techniques to fully comply with the Maryland SWM regulations. Each workshop is intended for local government staff involved in the review and permitting of SWM plans for redevelopment projects, and for developers and consultants who prepare and submit the plans. These educational workshops have been developed and are being offered at no charge under a grant from the US Environmental Protection Agency in order to provide improved stormwater management in the Chesapeake Bay Area. While the SWM regulations cover projects for undeveloped and redevelopment sites, these workshops will focus on redevelopment projects. The intent of each workshop is to ensure all parties involved in the new SWM regulations are fully familiar with environmental site design practices to the maximum extent practicable to achieve the goals of the law. The agenda for the workshops is attached. Each workshop will be led by Tom Schueler, founder of the Chesapeake Stormwater Network. There will be opportunities during the workshop to discuss specific problems attendees may be facing and their solutions. Attendees are strongly encouraged to bring a fully charged laptop computer to participate in redevelopment calculation exercises. The date and location of the three workshops are:

- March 18, 2011, Harford County Arlington Echo Environmental Education Center, 502 W. Wheel Road, Bel Air, MD 21014; For directions see www.hcps.org/harfordglen
- March 30, 2011 Baltimore City Department of Public Works, 3001 Druid Park Drive, Baltimore, MD 21215 (free parking available)
- Carroll County: Date and Location to be announced shortly.

While there is no charge for the workshops, advanced registration is required as the number of participants at each workshop is limited to 40 by the room capacity and the desire to provide hands-on training. Due to the size of each workshop, attendance from private development and engineering firms may be limited to 2 participants per firm. Please RSVP to Stuart Stainman at ssainman@gmail.com at least 1 week

before the session you plan to attend. Free parking is available at each location but carpooling is encouraged. If you have any questions, please contact Mr. Stainman at (410) 821-1446.

2011 Professional Courses are starting at EC. Sign up today!

- Winter Woody Plant ID for Delineation – When: March 3rd-4th, 8:30am-5:00pm. Where: Environmental Concern’s Wetland Learning Center, 201 Boundary Lane, St. Michaels, MD 21663. Instructor: William Sipple. Course Cost: \$400. This two - day course will give wetland professionals a competitive edge in wetland delineation. Vegetation analysis is the primary criteria used to delineate wetland boundaries. Numerous woody plant species will be identified through lectures, field trips, and field/lab keying. Background in botany preferred, but not necessary. Space is limited please sign up by February 17th, 2011. To register please contact Environmental Concern at 410-745-9620 or visit us online at www.wetland.org
- Basic Wetland Delineation – When: March 14-18th, 8:30-5:00pm. Where: Environmental Concern’s Wetland Learning Center, 201 Boundary Lane, St. Michaels, MD 21663. Instructor: Marc Seelinger. Cost: \$950. Students and professionals just entering the field of wetland science, as well as those needing a review, should attend this 4.5 day (36 - hour) course on 1987 Corps of Engineers wetland delineation method. The course covers the Clean Water Act Section 404 regulations, updated regulation changes, and individual wetland parameters of vegetation, soils, and hydrology. Space is limited please sign up by February 28th, 2011. To register please contact Environmental Concern at 410-745-9620 or visit us online at www.wetland.org

Stream Restoration Workshop I : Stream Morphology, Assessment & Classification – May 24-26

Tuesday, May 24, 2011 8:00 AM - Thursday, May 26, 2011 4:30 PM. This three-day workshop will consist of two half-day field exercises/field trips that integrate stream assessment and classification and two days of lecture. The basics of streams, their assessment and classification, and why they become impaired will be presented and demonstrated. Restoration funding and regulations will also be covered. Bring boots or waders; laptops optional. Fee \$250. CEUs 2.1. Contact Dr. Albert Jarrett, Penn State University 114 Agricultural Engineering Building University Park, PA 16802. ExtensionCVENT@ag.psu.edu

Stream Restoration Workshop II : Stream Morphology, Assessment & Classification – Jun 7-9

Tuesday, June 7, 2011 8:00 AM - Thursday, June 9, 2011 4:30 PM – This three-day **Stream Restoration Workshop II** will consist of two half-day field exercises/field trips that integrate sediment transport and stable stream design and two days of lecture. Strategies for designing stable streams will be developed, including sediment transport, and restoration and habitat structures. The stream design process will include a case study developed from collected data. Bring boots or waders; laptops. Prerequisite: Understanding of Stream Morphology, Assessment, & Classification. Fee \$250. CEUs 2.1. Contact Dr. Albert Jarrett, Penn State University 114 Agricultural Engineering Building University Park, PA 16802. ExtensionCVENT@ag.psu.edu

Wetland Restoration Institute - Sep 25-30

The Wetland Restoration Institute will help individuals make natural appearing wetlands and streams September 25-30, 2011. The class focuses on providing students with the information they need to develop a wetland and stream restoration program to benefit endangered species, enhance wildlife and fish habitat, clean run-off, and reduce flooding. The training is for individuals that have a strong interest in learning how to use highly effective and low-cost techniques for restoring wetlands and streams in fields, forests, and urban areas. The high number of instructors provides an ideal setting for participants to spend time with specialists to learn more about wetlands, and how to create them. Each Wetland Restoration Institute has filled since its founding in 2006. Partial scholarships are available to those who register early. Please visit www.wetlandsandstreamrestoration.org for more information about the training.



WATERSHED TECHNICAL ASSISTANCE

New Farming Method Reduces Greenhouse Gases. Increases Farm Yields

ScienceDaily (Jan. 15, 2011) — U.S. agricultural practices create 58 percent of nitrous oxide in the world, which is the third most prevalent greenhouse gas in the atmosphere. Scientists believe nitrous oxide contributes to global warming about 300 times more than carbon dioxide. New practices and products have been introduced to address this issue, but farmers do not have the time or profit margins to experiment with ideas that may ultimately hurt the "bottom line." Now, researchers at the University of Missouri have found methods to help farmers reduce those emissions while also increasing corn grain production. Read article...
<http://www.sciencedaily.com/releases/2011/01/110113131427.htm>

Tile Drainage Directly Related to Nitrate Loss

CTIC Partners Magazine (January 2011) – Tile drainage in the Mississippi River Basin (MRB) is one of the great advances of the 19th and 20th centuries, allowing highly productive agriculture in what was once land too wet to farm. In fact, installation of new tile systems continues every year because it leads to increased crop yields. But a recent study shows that the most heavily tile-drained areas of North America are also the largest contributing source of nitrate to the Gulf of Mexico, leading to seasonal hypoxia. In the summer of 2010 the hypoxic zone in the Gulf spanned over 7,000 square miles. Scientists from the University of Illinois and Cornell University compiled information on each county in the Mississippi River Basin. This included crop acreage and yields, atmospheric deposition, number of people and livestock and fertilizer inputs for each county in the MRB from 1997 to 2006. For 153 watersheds in the basin, the researchers also used measurements of nitrate concentration and flow in streams, which allowed them to develop a statistical model that explained 83 percent of the variation in springtime nitrate flow in the monitored streams. The greatest nitrate loss to streams corresponded to the highly productive, tile-drained corn belt from southwest Minnesota across Iowa, Illinois, Indiana and Ohio. This area of the basin has extensive row cropping of fertilized corn and soybeans, a flat landscape with tile drainage and channelized ditches and streams to facilitate drainage. “Farmers are not to blame,” says University of Illinois researcher Mark David. “They are using the same amount of nitrogen as they were 30 years ago and getting much higher corn yields, but we have created a very leaky agricultural system. This allows nitrate to move quickly from fields into ditches and on to the Gulf of Mexico.

We need policies that reward farmers to help correct the problem.” Read article...

<http://ctic.org/Partners%20Magazine/2010/December/27/>

Cropping Decisions Survey & Focus Group

CTIC Partners Magazine (January 2011) – More than half of producers who participated in a survey conducted by CTIC and partners do not use cover crops, citing time and economic constraints. In summer 2010, CTIC, with support from the Howard G. Buffett Foundation and Corn & Soybean Digest, surveyed 809 farmers about interest in and use of cover crops, and then gathered them together to discuss cover crop issues in detail. Survey questions gathered information about desired characteristics of cover crops, challenges of cover crop management and types of assistance needed to implement cover crops. Twenty-one percent of survey participants use cover crops every year or every two to three years. Of those who do not use cover crops, 64 percent report not having enough time to get a cover crop established (refer to [graph](#)). Seventy-eight percent of producers surveyed expect positive results, such as reduced soil erosion, from using cover crops, while 62 percent favor nitrogen fixation. Many growers understandably hesitate to add input costs without knowing how they will benefit. Survey results show 57 percent of farmers report cost of cover crop seed to be the biggest challenge of implementing cover crops (refer to [graph](#)). Seed cost can vary between \$12 and \$40/acre. Aerial seeding costs \$10-15/acre, and a no-till drill costs about \$16/acre. Bottom line: cover-crop seed and seeding may cost \$30/acre. Focus group participants also discussed time and financial constraints as well as other aspects of cover crop management. Read survey... <http://ctic.org/Partners%20Magazine/2010/December/28/>

Monitor Moisture to Manage Manure

CTIC Partners Magazine (January 2011) – There’s only so much liquid that soils can take in. As a result, there’s a growing awareness of the importance of properly timing manure applications during two critical time periods: if thawing temperatures or rain is predicted when the ground is frozen, and when non-frozen soils are at or near saturation and rain is in the forecast. Understanding the factors that increase runoff and applying manure when those risks are lower can have significant impacts on water pollution, according to manure management specialists with the University of Wisconsin’s Discovery Farms program. “We used to talk about rates and methods without talking about timing,” says Dennis Frame, co-director of the Discovery Farms program in Pigeon Falls, Wisconsin. “But without all those factors in line, you can do everything perfectly and still have a bad situation.” It’s a simple matter of physics, explains Amber Radatz, southwest Wisconsin nutrient management specialist at the University of Wisconsin’s Discovery Farms Program. “When thinking about making manure applications, one must take into account the water you are adding to an already-wet field, especially in the case of liquid manure,” Radatz says. (That’s no small amount of liquid – a 7,000-gallon-per-acre manure application is equivalent to a quarter-inch of rain.) “If rain is forecasted and the soil is already fairly wet, you can put yourself in a dangerous situation in terms of runoff potential,” she notes. The team at Discovery Farms is trying to get producers and applicators to factor timing and soil moisture into their application decisions, says Frame. Read article... <http://ctic.org/Partners%20Magazine/2010/December/24/>

Putting Smart Growth to Work in Rural Communities

Many rural communities are facing challenges, including rapid growth at metropolitan edges, declining rural populations, and loss of working lands. To help address these issues the International City/County Management Association has developed a report called Putting Smart Growth to Work in Rural Communities. The report focuses on smart growth strategies that can help guide growth in rural areas while protecting natural and working lands and preserving the rural character of existing communities. It intended to show how smart growth approaches can be applied in the rural context, particularly in times of change. Hard copies of the report are available by emailing nscep@bps-imit.com or calling (800) 490-9198 and requesting EPA 231-K-10-003. To see the report on-line click here http://icma.org/en/icma/knowledge_network/documents/kn/Document/301483/Putting_Smart_Growth_to_Work_in_Rural_Communities

Research & Technology Briefs

- Journal of Pest Management – The Entomological Society of America now provides the "Journal of Pest Management," a reference for agricultural producers, consultants and other agricultural professionals. The journal offers scientifically based research results and other information. Those interested in entomology, nematology, plant pathology, weed science and other issues will find information written for the general public. <http://esa.publisher.ingentaconnect.com/content/esa/jipm>
- Agriculture’s Role in Greenhouse Gas Emissions and Capture – The American Society of Agronomy, Crop Science Society of America and Soil Science Society of America released a report summarizing current research results regarding greenhouse gas emissions and sequestration as affected by production systems, tillage type and nutrient management. The report also lists additional research needs. <https://www.crops.org/files/science-policy/ghg-report-august-2010.pdf>

Green Infrastructure Valuation Guide

A new report by the Center for Neighborhood Technology and American Rivers quantifies the economic value of green infrastructure. This tool is meant to help municipalities adopt cost-effective stormwater management techniques. The Value of Green Infrastructure: A Guide to Recognizing Its Economic, Social and Environmental Benefits uses current research on green infrastructure performance and provides methods for calculating related benefits in water management, energy, air quality, climate change and community livability. The guide is meant to fill an information gap that inhibits use of green infrastructure. Download: <http://www.cnt.org/repository/gi-values-guide.pdf>

Proposals Currently Open for Comment

Date In PA Bulletin	Proposal	Comment Deadline
1/8/2011	Draft Technical Guidance 385-2125-001: 4-Log Treatment of Viruses Demonstration Guidance PA Bulletin Notice	2/8/2011
1/22/2011	Draft Technical Guidance 385-2100-002: Policy and Procedure for NPDES Permitting of Discharges of Total Dissolved Solids (TDS) PA Bulletin Notice	2/22/2011

