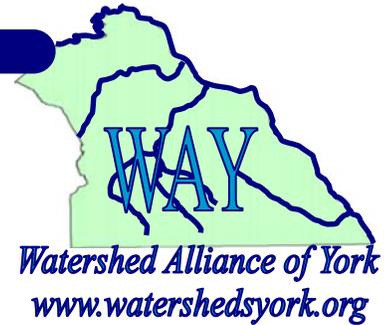


WAY E-NEWS

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



January 19, 2009

A PUBLIC-PRIVATE PARTNERSHIP

Volume 9, Issue 2

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- Stormwater Monitoring: for PA Citizen Groups Working – Feb 14
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- EPA Watershed Webcasts

WATERSHED CONTACTS

COMPREHENSIVE 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

EMERGENCIES – (800) 541-4741

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

ENVIRONMENTAL – (877) 333-1904

- Air Pollution from burning materials other than household garbage
- Illegal dumping of wastes
- Encroachment on surface waters and floodways
- Groundwater contamination
- Industrial sewage problems
- Mining/quarrying operational problems (800) 541-2050
- Pollution of water supply wells
- Underground storage tank failures

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 – (877) 772-3673

- Illegal dumping on state forest and park lands

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

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- Stormwater Infiltration in Clay Soils: A case study in the North Carolina Piedmont
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- Channel Protection Measures: Hard- and soft-armor options
- Two Ways to Install Silt Fence: The many functions and forms of an evolving standby
- Erosion Control + Construction Site = No Fines: Keeping closer watch over ESC practices
- eGovernment Engineering
- Managing Wet Weather with Green Infrastructure - New Additions
- Latest issue of The Agricultural Law Brief
- NASS Pennsylvania Field Office Announces Completion of Newest Annual Statistical Bulletin
- DRAFT TECHNICAL GUIDANCE DOCUMENTS AVAILABLE
- PA Bulletin – <http://www.pabulletin.com/>



WATERSHED ALLIANCE NEWS

Alliance for Aquatic Resource Monitoring (ALLARM) – www.dickinson.edu/allarm

<> Jinnie Woodward, Assistant Director, woodwarj@dickinson.edu or 717.245.1021. ALLARM Phone: 717.245.1135 fax: 717.245.1971

Alliance for the Chesapeake Bay – www.alliancechesbay.org/

- Join the growing Chesapeake Watershed Network – <http://www.chesapeakenetwork.org/profile.htm?mode=getagreement> . For more information, contact Donna Morelli, PA Director

<> Contact: Donna Morelli, Director Pennsylvania Office, 3310 Market Street Suite A, Camp Hill, Pennsylvania 17011. Phone: (717) 737-8622 Fax: (717) 737-8650. E-Mail: acbpa@acb-online.org

American Chestnut Foundation – Pennsylvania Chapter – www.acf.org

<> PATACF Penn State University, 206 Forest Resources Lab, University Park, PA 16803. Ph: 814-863-7192. E-mail: mail@patacf.org.

American Rivers – www.americanrivers.org

<> Contact: Sara Dueling, Associate Director, Restoring Rivers Initiative, American Rivers, Pennsylvania Field Office, 355 N. 21st Street, Suite 309, Camp Hill, PA 17011. Phone: 717.763.0741

Brunner Island/Holtwood Nature Preserve – www.pplpreserves.com

- Winter 2009 Environmental Programs – For more information, please call 717-284-6274 or e-mail pplpreserves@pplweb.com.

<> Contact: Karen Ament, Naturalist, Holtwood Environmental Center, 9 New Village Road, Holtwood, PA 17532. Ph: 717-284-6272.

Capital RC&D – www.capitalrcd.org

<> Contact: Susan Parry, Coordinator, Capital RC&D Area Council, 4750 Lindle Road, Harrisburg, PA 17111. Phone: (717) 724-0009.

Carroll Citizens for Sensible Growth – <http://carrollcitizens.com/>

- Do You Know Of An ILLEGAL DUMPSITE? Documenting illegal dumpsites throughout Pennsylvania is a critical step in educating people about illegal dumping on our lands and waters and ultimately in helping to restore the natural beauty of our state. If you know the location of any illegal dumpsites, please help by completing the information below and submitting to PA CleanWays.

http://www.pacleanways.org/enf_mainillegaldumpsurvey.html

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

Codorus Creek Improvement Partnership – www.codoruscreek.com

- Jan. 29 – Next meeting, 7:00 PM, at 324 W. Market St., York, PA.

<> Contact: Michael Helfrich, Codorus Creek Improvement Partnership, at 324 W. Market St., York PA 17401. Ph: 717-718-5431. E-mail: info@codoruscreek.com

Codorus Creek Watershed Association – www.codoruscreek.net

- April 13 – CCWA Member and Board meeting, 7:00 pm, at York Water Company's Mt. Rose Ave. Facility
- May 11 – 11th Annual Meeting
- HELP-Buffers Program accepting applications for 2009 projects

<> Contact: Jim Leaman at 843-2929

Codorus Endowment Implementation Committee

- If your municipality or organization would like to partner on a project, sponsor a project, or need free technical assistance leveraging resources to implement a project the York County Community Foundation's Codorus Endowment can help.

<> Contact: Jake Romig, Coordinator, 848-4717 or e-mail jakeromig@ecoconstructionllc.net

Condoguinet Creek Watershed Association – www.conocreek.org

<> Contact: Gilbert Freedman, 49 Sample Bridge Road, Mechanicsburg, PA 17050. H: 717-697-2513. E-mail: gil491@verizon.net

Conewago Canoe Club – www.conewagocanoecub.org

- Mar 5 – Next meeting of club, 7:00 pm, at Mount Zion United Church of Christ at Ridgewood Road in Pleasureville.
- Check web site for pool schedule and other activities

Deer Creek Watershed Association – www.harfordcountymd.gov/PlanningZoning/WRAS.

<> Contact Lee McDaniel at ldmcdaniel@aol.com.

Eden Mill Nature Center & Historic Mill - www.geocities.com/edenmillcalendar/EDENMill_New_W/Main_Indexx.html

- Since 1991, we have been inspiring people to care about the environment by providing experiences that lead them to understand their connection to the natural world. Hours: Monday-Friday, 10:00 am to 3:00 pm

<> Contact Eden Mill Eden Mill Nature Center, 1617 Eden Mill Road, Pylesville, MD 21132. Phone: 410-836-3050

Friends of Codorus State Park – www.friendsofcodorus.org

<> Contact Codorus State Park, 2600 Smith Station Road, Hanover, PA 17331. (717) 637-2816. Warren Werntz, Manager

Friends of Loch Raven Reservoir – FriendsLochRaven@aol.com

<> Contact: Nate Thompson 410-667-9825 (home) or natect@gmail.com

Greater Hanover Alliance – pwingert@legacycaps.com

<> Contact: G. Paige Wingert, President, Greater Hanover Alliance, Inc., Hanover, PA 17331. Ph :(717) 630-0892.

Gunpowder Valley Conservancy – http://www.gunpowderfalls.org/2006/08/sept_16th_join_.html

- Stream Watch – Karen Stupski phone 410-343-3478 or e-mail Karen@heathcote.org.

<> Contact Gunpowder Valley Conservancy, P.O. Box 9733, Towson, MD 21284.

Holtwood Preserve - www.pplweb.com/holtwood

- The Holtwood Environmental Preserve provides lakeside recreational opportunities and facilities for camping, hiking, picnicking, boating, sightseeing, fishing and hunting on more than 5,000 acres on both shores of the lower Susquehanna River in Lancaster and York Counties. The Holtwood hydroelectric plant and Lake Aldred demonstrate the successful combination of power generation, recreation, environmental education and land management.

WINTER 2009 Environmental Programs - For more information, please call 717-284-6274 or e-mail pplpreserves@pplweb.com.

Additional program details can be found on the Calendar of Events at www.pplpreserves.com

<> Contact: Karen Ament, Naturalist, Holtwood Environmental Center, 9 New Village Road, Holtwood, PA 17532. Ph: 717-284-6272.

Horn Farm Center for Agricultural Education – www.hornfarmcenter.org

<> 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- www.yorkchapter67iwla.org/

<> Contact Lee Irwin 428-9368

Lancaster-York Heritage Region – www.lyhr.org

<> Contact Mark Platts, Lancaster-York Heritage Region, 1706 Long Level Road, Wrightsville, PA 17368. Office: 717-252-0229. E-mail: info@lyhr.org.

Lower Susquehanna Riverkeeper – 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/bay/tribstrat/upper_west/up_west_shore.html

- Greetings friends of Maryland's freshwater streams: Maryland Department of Natural Resources' (DNR) Stream Waders Volunteer Stream Sampling Program is gearing up for another exciting year! In 2009, we will be holding four Stream Waders training sessions:
 - Horn Point Environmental Science Education Center (Dorchester County): February 7th, 2009 (Register by January 30th)
 - Patuxent River 4-H Center in Upper Marlboro (Prince Georges County): February 21st, 2009 (Register by February 13th)
 - Fairview Outdoor Center in Clearspring (Washington County): February 28th, 2009 (Register by February 15th)
 - West Nottingham Academy in Colora, MD (Cecil County): March 7th, 2009 (Register by February 27th)DNR needs your help to "fill the gaps" in areas being sampled by Maryland Biological Stream Survey crews in 2009 (see green areas on the map shown here http://www.dnr.state.md.us/streams/mbss/w_new.html). The orange areas on the map contain very healthy streams identified by the Maryland Department of the Environment as needing additional data. So please come learn how you can continue to help Stream Waders contribute to Maryland's statewide water quality monitoring on a Saturday.
- Here is the link to Cecil's new Sediment & Stormwater webpage. Please send out to the trib team members. We are designing and working on this in-house - we are used to dealing with soil and water so any ideas on how to improve and any constructive criticisms are welcome. http://www.ccgov.org/dept_works/sediment_stormwater.cfm
- 2009 Wetland Trainings at Environmental Concern's Wetland Learning Center

- Green Infrastructure: Linking People, Nature and Landscapes through Sound Science. February 9 - 11, 2009. Where: Conference will be held at the Doubletree Annapolis in Annapolis, Maryland. Access: Invitation, and acceptance of poster only (no registration fees); 100 participants.
- <> 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

Mid-Atlantic Ecological Landscapes Partnership [MAEscapes] - <http://york.extension.psu.edu/Horticulture/events.html>

Important dates to remember...

- Jan. 29 - MAEscapes Advisory Board meets, 6:30 pm, at the York County ANNEX.
- <> Contact: 717-840-7408 or Connie Schmotzer at cxs51@psu.edu

Prettyboy Watershed Alliance - www.prettyboywatershed.org

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

Richard M Nixon County Park - www.yorkcountyparks.org/parkpages/Nixon.htm

- Environmental Education Center - A working honeybee hive, live snakes, touch room, bird observation window and a reference library are found in the Nature Center. Full-time Naturalists staff the Center and offer guided nature walks and programs to pre-scheduled groups. If you would like to schedule a program for your group, call 717-428-1961. Any group of 10 or more must pre-register. The center is ADA accessible. Dramatic artwork and over 180 specimens from 15 different countries around the world greet visitors when they enter the Nixon Park Nature Center. New exhibits offer three large dioramas portraying stirring views of the wet/dry seasons of the African veld, the packed ice, permafrost of the Arctic Circle and the serene beauty of the Northwest Territory. The habitats depicted are home to some of the last great populations of wildlife found on earth.
- <> Contact Richard Nixon County Park, Nixon Dr, York, PA 17407. Phone 717-428-1961.

Shenk's Ferry Wildflower Preserve - www.pplweb.com/holtwood/things+to+do/shenks+ferry+wildflower+preserve.htm

- Shenk's Ferry Wildlife Preserve is one of the most impressive wildflower areas in the eastern United States and certainly one of the most popular natural locations in Lancaster County. PPL takes pride in preserving the glen as a wildflower sanctuary. Located just north of Pequea Creek Campground off Shenk's Ferry Road, you can see a variety of spring wildflowers. At least 73 species of flowers bloom from mid-March until the end of May. More than 60 other species of flowers bloom during the summer and fall. Some of the more common flowers include Dutchman's breeches, wild geranium, wild ginger, Virginia bluebells, mayapple, trillium and spring beauty.
- <> Contact: Karen Ament, Naturalist, Holtwood Environmental Center, 9 New Village Road, Holtwood, PA 17532. Ph: 717-284-6272.

Shank's Mare "Go Play Outside" - www.shanksmare.com

- Check our calendar of events link to our Website at for more information or call us toll free at 877-554-5080. All programs require advance registration and payment. "Member" rates are offered to our Adventure Club participants (\$25/year/household dues give a 10% in-shop discount, 5% additional discount on sale items, and "Member" rates on all programs).
- <> Contact: Liz Winand at 2092 Long Level Road, Wrightsville, PA 17368. Call Toll Free: 877-554-5080. Fax: 717-252-0403. Email: shanksmare@comcast.net

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

<> Kim Anderson at sgfornyc@aol.com.

Spoutwood Farm CSA - www.spoutwood.com

<> Contact: www.spoutwood.com or contact: Rob Wood, 717-235-6610, Spoutwood@supernet.com

Strawberry Hill Nature Center - <http://www.strawberryhill.org/>

- Strawberry Hill Nature Preserve is a private nonprofit education and conservation institution located in the beautiful Blue Ridge Mountains of Pennsylvania. Strawberry Hill's mission is to connect our community with the natural world by **teaching**, inspiring, and promoting environmental stewardship. The 609-acre preserve features a variety of habitats to explore, including wet and dry woodlands, three ponds, two pristine mountain streams, and much more. Hiking trails are open to the public daily, from dawn to dusk. Our Nature Classroom is open when staff are on site. If you would like to visit our exhibits, please call ahead.
- <> If you have questions, we hope you'll email us info@strawberryhill.org or give us a call at (717) 642-5840. You can also fax us at (717) 642-5803.

Susquehanna Sustainable Business Network - <http://www.susquehannasbn.org/>

- Quarterly Gathering: Wednesday January 28, 2009 7PM. The topic is Sustainable Marketing: What does this look like? How can we separate ourselves as unique and different? Join us in asking questions of our panel of ssbn marketing, design and writing experts for an informative evening. Our experts include: Christine Gable, professional writer and recipe developer, Andrew Long, Listrak, Libby Modern Klein, Half-Full, Sara Delaney, Seven Seventy Design, Shawn O'Neal, Conestoga DPI, Jeff Rummel, Good Productions, John Svatek, Kerning Pair Design. After the Q&A, experts offer you their time for consultations. Members: No Cost, Non-Members: \$15 Come early and enjoy a dinner at Café Chocolate.
- <> Contact: Lydia Sadauskas, Executive Director, ssbn can be reached by...email: info@susquehannasbn.org, phone: 877-500-6552, mail: Susquehanna Sustainable Business Network, P.O. Box 42, Marietta, PA 17547

Susquehanna River Basin Commission - www.srbc.net

- Request for Input to SRBC's 2009 Water Resources Program. DUE DATE FOR RESPONSE: February 10, 2009. The Susquehanna River Basin Commission (SRBC) is mandated to annually adopt a Water Resources Program that identifies water projects and programs planned by SRBC, federal, state and local agencies and non-profit and for-profit interests to meet various water resource needs in the

Susquehanna River Basin. I am contacting your agency, organization or business to request input to SRBC's 2009 Water Resources Program. Specifically, SRBC is seeking to catalog projects (facilities, plans and programs) expected in the 2009 – 2010 period. You can view and download the 2009 Water Resources Program response form at <http://www.srbc.net/planning/water-resources2009.htm>. This form contains instructions for completing and submitting responses by February 10, 2009. As you may know, SRBC recently revised its Comprehensive Plan. Over the 15-year duration of this revised plan, SRBC will rely on the Water Resources Program to implement the 74 actions listed in the Comprehensive Plan. While the 2009 Water Resources Program response form includes many actions, you are asked to consider only those that apply to your agency, organization or business and for the 2009 – 2010 period. Thank you for your consideration of this request and I encourage your participation. Should you have any questions or need additional information on this matter, please contact Ms. Susan Obleski of my staff. She can be reached at sobleski@srbc.net or (717) 238-0423 ext. 316.

<> Contact Susquehanna River Basin Commission, 1721 N. Front Street, Harrisburg, PA 17102. Phone: (717) 238-0423. Fax: (717) 238-2436. Email: srbc@srbc.net

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

- Feb 11 – Chapter meeting, 7:00 pm, Gander Mtn., York.
- <> Contact: Tom Finenze at 840-1372 or tom@codorustu.org

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

- Feb 18 – General Meeting 7:00pm at the Collinsville F&G Club.
- <> Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

U.S. Geologic Survey – Pennsylvania – <http://pa.water.usgs.gov/>

- Consortium for Scientific Assistance to Watersheds (C-SAW) is a team of specialists who provide eligible watershed groups or local project sponsors Program Management and Scientific Technical Assistance through the Pennsylvania Department of Environmental Protection's (PADEP) Growing Greener Program. The service is at no cost to eligible groups. <http://pa.water.usgs.gov/csaw/>
- <> Contact: Michael Langland, langland@usgs.gov.

Watershed Alliance of Adams County – www.adamswatersheds.org/pages/5/index.htm

- Feb 18 – Members meet, 4:30 pm. at the Adams County Ag Center, Gettysburg
- <> Contact: Michelle Kirk 717-677-4628 or email at: mkkirk@adamswatersheds.org

Watershed Alliance of York – www.watershedsyork.org

- Apr 1 – Board Meeting, 7:00 PM, at CCIP (324 W. Market St., York, PA)
 - www.goodsearch.com and be sure to enter **WAY** as the charity you want to support.
 - WAY E-News is 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 (1,000+). 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

Yellow Breeches Watershed Association – www.ybwa.org

- YBWA meetings listed on web site.
- <> Contact: John Eby, President, at john_eby@lower-allen.pa.us

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

<> Contact 717-428-3673; liriodendron@netzero.net

YorkCounts – yorkcounts.org

York County – www.york-county.org

<> Contact the Board of Commissioners, Administrative Center, 28 East Market St. York, PA 17401-1588. Phone: 717-771-9964.

York County Agriculture Land Preserve – www.york-county.gov

<> Contact Patricia McCandless, Director, 118 Pleasant Acres Road (Suite F), York, PA 17402. Hours of Operation (for business office): 8:00 a.m. - 4:30 p.m. Phone: 717-840-7400. E-mail: PMcCandless@york-county.org

York County Community Foundation – www.yccf.org

- Due to unforeseen circumstances, unfortunately we must change the date of our January 8 Grant Information Session to Tuesday, January 27. We apologize for any inconvenience. The January 7 session in Hanover has been combined with the January 27 session. If you haven't signed up for this session, now you have plenty of time to mark your calendars! Don't know whether you should attend? If you belong to a nonprofit, and are looking for funding sources, this session is for you. You will learn about the types of grants we give and how to apply for them, including our Nonprofit Community Investment Fund Grants, which will focus on nonprofit core services for 2009. The session on January 27 will also include information on the grants program at the Highmark Foundation. Don't miss this opportunity to learn about a variety of funding opportunities! York County Community Foundation and Highmark Grant Information Session Tuesday, January 27, 9-10 a.m., York County Community Foundation, 14 West Market Street, York. Please RSVP acceptances only to alauer@yccf.org or call 717.848.3733 to register.
- <> Contact Jane Sload at 717.848.3733 or jsload@yccf.org.

York County Conservation Alliance - www.yorkcountyconservationalliance.org

<> Contact: Jane Heller at info@yorkcountyconservationalliance.org or 717-845-3797, or mail to YCCA - 543 Dupont Ave, York, Pa. 17403

York County Conservation District - www.yorkccd.org

- Feb 13 – District Board of Directors meeting, 11:00 am, at ANNEX
- GIVE A GIFT THAT KEEPS ON GIVING, HELP A STREAM! Affordable, high quality, pest safe Rain Barrels for sale--60 Gallon \$125 or 80 Gallon \$145. Sales tax included in price. All profits dedicated to funding the HELP-Streams Program of York County. To purchase, either come to our office at 118 Pleasant Acres Road, York, PA 17402, or phone 717-840-7430, or download order form online at www.yorkccd.org.

<> Contact Mark Kimmel, District Manager, 118 Pleasant Acres Road, York, PA 17402. Phone: 717-840-7430. E-mail Yorkccd@yorkccd.org. Office hours: 8:30 AM-4:30 PM weekdays.

York County Planning Commission - www.ycpc.org

- Feb 3 – Next Meeting of Planning Commission, 7:30 pm, York County Administrative Center, City of York, PA
- <> Contact: 717-771-9870 or e-mail planner@ycpc.org

York County PSU Cooperative Extension - <http://york.extension.psu.edu/>

<> Contact Jeff Myers, Director, 112 Pleasant Acres Road, York, PA 17402-9041. Phone: 717-840-7408. Office Hours: 8:00 to 4:30. County Email: YorkExt@psu.edu.



WATERSHED EDUCATION & OUTREACH

MUST READ! The Chesapeake Bay and the Myth of Endless Growth

In Growing! Growing! Gone! The Chesapeake Bay and the Myth of Endless Growth, an August 2008 report funded by the Abell Foundation, author Tom Horton describes how the once-acclaimed program to restore the Chesapeake Bay, now in its 25th year, has been a failure. Horton outlines goals of the restoration program and provides evidence that the Bay cleanup won't meet a 2010 deadline; in fact, many of the benchmarks have been stalled for years: blue crab, oyster, and fish populations remain at historic lows; water quality remains poor; and nitrogen levels have not had an overall reduction since the 1980s. Although admitting that short-term improvements are possible, the author moves the discussion to a new focus area: growth. We can return today's Bay, inhabited by 17 million people, back to the 1950s when eight million people lived along the watershed. We can, in other words, reduce our current environmental impact by half. And reduce it enough extra to totally offset all the new impacts on air, water and land from the 1.7 million more projected to move to the Bay watershed every decade. Focusing on a "steady state" economy, rather than on a high-growth one, will better serve those already here, instead of making endless and expensive accommodations for all who might be induced to come. And while the Chesapeake and its water quality are the focus of this paper, the implications extend to the nation as a whole; the implications also extend across a range of growth-related factors determining our quality of life, from traffic congestion and loss of open spaces, to the more regulated existence that ensues when accommodating more people in a finite space. 47 pages (0.3mb); available online as a PDF document at the resource link below. Read more...

> Resource: http://www.abell.org/pubsitems/env_Growing_808.pdf

Environmental Groups Opposed To DEP Rollback Of Clean Water Protections

The PA Campaign For Clean Water this week expressed serious concerns about a Department of Environmental Protection proposal to rollback clean water protections by dropping individual erosion and sedimentation and stormwater permit reviews for new developments and substituting a permit-by-rule proposal. The proposed permit-by-rule approach would only require an engineer's seal to guarantee compliance with erosion and sedimentation and stormwater management requirements for new development without the need for individual permit reviews by DEP or county conservation districts or any audits of permit-by-rule actions, even in High Quality and Exceptional Value watersheds. The PA Campaign For Clean Water includes representatives of Clean Water Action, American Rivers, the Chesapeake Bay Foundation, Delaware Riverkeeper, Green Valleys Association, the Pennsylvania Sierra Club and 124 other groups. In a letter to Acting DEP Secretary John Hanger, the groups provided detailed comments for the second time on the DEP proposal saying, in part, a permit-by-rule would violate specific federal Clean Water Act requirements, would provide no guarantees that erosion or stormwater management plans would be adequate to prevent water pollution and would abandon an earlier proposal by DEP to require streamside buffers. The letter concluded with an offer to again help DEP design a permit program that meets federal Clean Water Act requirements. The full letter is available online at www.crisciassociates.com/Newsletter/docs/3/CampaignForCleanWater.pdf. The letter was, in part, a response to a December 17 editorial in the Harrisburg Patriot-News that disclosed the DEP proposal.

Invasive Zebra Mussels Found in Susquehanna River

The invasive zebra mussel has been found for the first time in the Maryland portion of the Susquehanna River, according to the Maryland Department of Natural Resources (DNR). Read more... http://www.chesapeakebay.net/news_zebramussels08.aspx?menuitem=32973.

New Online Calculator Assesses Your Nitrogen Footprint

The Chesapeake Bay Foundation's Nitrogen Calculator uses information about your home to assess how much algae-producing nitrogen your family sends each year to the Bay or your local river. Calculate your footprint <http://www.cbf.org/yourbayfootprint/index.html>.

Riverkeepers Launch New Program to Help Monitor Construction Sites

Bay Journal reports on Get the Dirt Out, a new program sponsored by the Waterkeeper Alliance that will train citizens to report stormwater violations from construction sites throughout the Bay watershed. Learn more... <http://www.bayjournal.com/article.cfm?article=3486>.

Planning the Urban Forest: Ecology, Economy, and Community Development: Planning Advisory Service (PAS) Report # 555

This report, prepared by the American Planning Association (APA) in collaboration with the International Society of Arboriculture (ISA) and American Forests (AF), and supported by the U.S. Forest Service, addresses the need for planners to adopt a green infrastructure approach and presents the technical means to incorporate trees into planning. Thirteen case studies illustrate best practices in planning for urban and community forestry." Check for how to order at: <http://www.planning.org/pas/reports/>

Watershed Forestry Resource Guide

A partnership of the Center for Watershed Protection and US Forest Service - Northeastern Area State & Private Forestry. This website is a central clearinghouse for all things related to forests and watersheds. There have been many recent efforts toward managing urban forests for watershed health that have resulted in a variety of highly useful tools and training materials. This site compiles these resources into a format that can be easily accessed and downloaded.

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

Forestry for the Bay

A web-based source of information for forest landowners is, at: <http://www.forestryforthebay.org/index.cfm>.

What's New from the IRS: The 2009 Work Plan for the Nonprofit Sector

Several IRS initiatives will focus on exempt organizations this year. So what will the 800+ employees of the IRS who work with exempt organizations be focusing on in 2009? Will your nonprofit end up on their computer screens? Maybe yes, maybe no. But you may need to check out IRS plans for the New Year and get acquainted with some new IRS acronyms, such as ROO and EOCU. Read more...

http://www.guidestar.org/news/features/irs_09_workplan.jsp?source=jan09nwsltr.

Law, Policy and Finance Courses at the National Center for Smart Growth

The University of Maryland School of Public Policy, National Center for Smart Growth, & Environmental Finance Center announce a new Environmental Training Track – Law, Policy, Finance. Three courses will be offered, two in spring 2009 and one in fall 2009.

- Environmental Law and Finance (Spring 2009). This course provides an introduction to the field of environmental law and finance with an emphasis on two critical questions: What are our environmental goals? How can we accomplish those goals with limited federal resources?
- Public Policy and the Environment (Spring 2009). The rules and regulations of the U.S. Environmental Protection Agency arguably have more impact on the American economy than those of any other federal agency. This course will examine that environmental legislation which has had the most significant influence on American society.
- Environmental Finance and Solutions (Fall 2009). This course will equip students with an understanding and ability to identify, formulate and intelligently apply financing strategies and solutions that are critical to addressing short and long term funding needs to pay for sustainable environmental systems.

Read more at the resource link: <http://www.efc.umd.edu/EnvFinCourses.html>

DEP Seeks Input to Update Forest Buffer Toolkit

HARRISBURG (Jan. 13) – The Department of Environmental Protection, in partnership with the Department of Conservation and Natural Resources and the Pennsylvania Office of the Alliance for the Chesapeake Bay, is updating the Pennsylvania Stream ReLeaf Forest Buffer Toolkit. Originally written in 2000 and updated in 2004, the primary focus of the updated toolkit will be to describe state-of-the-art information specific to Pennsylvania. The toolkit is intended to serve as a general resource for watershed organizations, county conservation districts, school districts, land managers and government agencies. Anyone interested in completing a short survey on the toolkit that will help the authors make it as useful as possible to interested parties, contact Rebecca Wertime at rwertime@acb-online.org by Jan. 16. It will take 5-10 minutes to fill out the survey form. The current toolkit is posted on DEP's Web site at:

<http://www.dep.state.pa.us/dep/deputate/watermgt/wc/Subjects/StreamReleaf/Forestbufftool/default.htm>

DEP Extends Comment Deadline for Land Use Policy – Mar 2

HARRISBURG (Jan. 14) – DEP today announced it has extended the deadline for comments on the draft document "Policy for Consideration of Local Comprehensive Plans and Zoning Ordinances in DEP Review of Authorization for Facility and Infrastructure" until March 2, 2009. Comments can be made regarding this proposal to Denise Brinley, DEP's Office of Community Revitalization and Local Government Support, at dbrinley@state.pa.us.

Video Shows Green Practices to Manage Stormwater Runoff

(Washington, D.C. – Jan. 15, 2009) The U.S. Environmental Protection Agency and the U.S. Botanic Garden produced an on-line video, "Reduce Runoff: Slow It Down, Spread It Out, Soak It In," that highlights green techniques such as rain gardens, green roofs and rain barrels to help manage stormwater runoff. The film showcases green techniques that are being used in urban areas to reduce the effects of stormwater runoff on the quality of downstream receiving waters. The goal is to mimic the natural way water moves through an area before development by using design techniques that infiltrate, evaporate, and reuse runoff close to its source. The techniques are innovative stormwater management practices that manage urban stormwater runoff at its source, and are very effective at reducing the volume of stormwater runoff and capturing harmful pollutants. Using vegetated areas that capture runoff also improves air quality, mitigates the effects of urban heat islands and reduces a community's overall carbon footprint. The video highlights green techniques on display in 2008 at the U.S. Botanic Garden's "One Planet – Ours!" Exhibit" and at the U.S. EPA in Washington, D.C., including recently completed cisterns. To watch the video:

<http://www.epa.gov/nps/lid>. More information on stormwater management: <http://www.epa.gov/greeninfrastructure> Contact: Enesta Jones, (202) 564-4355/7873/ jones.enesta@epa.gov.



WATERSHED FINANCIAL ASSISTANCE

Deadline Extended For Illegal Dump Cleanup Grant Applications, DEP Acting Secretary Says – Jan 27

HARRISBURG (Dec. 23) – The Department of Environmental Protection today extended the deadline to apply for Illegal Dump Cleanup grants to Jan. 27. Grants of up to \$25,000 are available to provide communities with the tools and resources they need to restore illegal dump sites and prevent future dumping. Grant applications are available at www.depweb.state.pa.us, keyword: Illegal Dumping, or by calling DEP's Bureau of Waste Management at 717-787-7381.

PA Fish and Boat Commission Aquatic Resource Education Grants – Jan 30

The Fish and Boat Commission is looking for sportfishing, boating, and aquatic education programs that could use some financial assistance. Grantees can receive up to \$5,000 as part of the PFBC's Sportfishing and Aquatic Resource Education Grants. The deadline for submitting grant applications is January 30. This funding can be applied to the purchase of equipment, materials and costs associated with field trips. <http://www.fish.state.pa.us/promo/grants/sportfishing/00sportfishing.htm>

Request for Proposals (RFP): Development and Implementation of Chesapeake Bay Innovative Nutrient and Sediment Reduction – Feb 6

The U.S. Environmental Protection Agency (EPA), Chesapeake Bay Program Office, is announcing a request for proposals for a recipient to develop and implement the FY 2009 CHESAPEAKE BAY INNOVATIVE NUTRIENT and SEDIMENT REDUCTION PROGRAM. This announcement is new and has not previously been distributed. The Chesapeake Bay Innovative Nutrient and Sediment Reduction Program (the Program) is a competitive grant program to support efforts within the Chesapeake Bay basin to vastly accelerate nutrient and sediment reductions with innovative, sustainable and cost-effective approaches. This RFP sets forth the process that will be used for competitively selecting a grant recipient that will develop and implement the Program with the primary task of making competitive subawards to eligible organizations to meet the specified expected environmental results. An estimated \$6 million to \$6.5 million is expected to be available for award under this announcement depending upon funding availability, the amount of FY 2009 funds ultimately received, and the quality of proposals received. EPA plans to award one agreement under this announcement. The EPA will consider all proposals that are postmarked by the U.S. Postal Service, hand-delivered, sent through an official delivery service with documentation indicating EPA acceptance from a delivery service, or submitted via Grants.gov on or before 5:00 EST on February 6, 2009. Any proposals postmarked, hand delivered, or submitted via <http://www.grants.gov/> after the due date and time will not be considered for funding. No proposals will be accepted by facsimile machine submission.

Deadline For H2O Water Infrastructure Grants – Feb 13

The Commonwealth Financing Agency this week established a deadline for applications for funding \$800 million in water infrastructure projects under the H2O PA Program. The deadline is February 13. Applicants should apply for the funding as soon as possible under the Department of Community and Economic Development's single application for assistance process. A total of \$1.2 billion in water infrastructure funding was approved in July by the General Assembly and Gov. Rendell with the passage of Senate Bill 1341 (Musto-D-Luzerne) and voter approval of a ballot question in November authorizing a \$400 million bond issue voter referendum for water, wastewater and stormwater projects and Senate Bill 2 (Earl-R-Erie) establishing the H2O PA Program providing \$800 million in funding for drinking water, wastewater, flood protection and high hazard dam repair projects outside of Allegheny and Philadelphia counties financed by gaming revenue. Water infrastructure funding was supported by the PA Fair Share For Clean Water Coalition to meet stringent new federal and state clean water requirements, however, funding for needed farm conservation projects was not addressed. The CFA approved H2O PA guidelines in three areas:

- High Hazard Dams/Unsafe Dam projects include those involving repair, rehabilitation or removal, security measures, engineering or other costs. Municipalities must provide at least 25 percent matching funds;
- Flood Control projects include construction, improvement, repair or rehabilitation. Applicants must provide easements and rights of way, relocation of buildings and utilities, alterations or rebuilding of inadequate bridges and operation and maintenance of the completed project; and
- -Water Supply, Sanitary Sewer and Storm Water projects are open to municipalities or municipal authorities for acquisition, construction, improvement, expansion or rehabilitation of all or part of a water supply, sewage disposal, or storm water systems they own and maintain. Eligible projects also include consolidation or regionalization of systems managed or operated as an integrated system. Applicants must provide matching funds of at least 50 percent of the amount awarded under the program.

The H2O Program guidelines and applications are available online http://www.cbf.org/site/PageServer?pagename=pafscw_main.

PennVEST Infrastructure Loans/Grants – Feb 16

The Pennsylvania Infrastructure Investment Authority published revised cutoff dates for submitting applications for water, wastewater, stormwater and other project funding: February 16, 2009 for the April 20, 2009 board meeting <http://www.pennvest.state.pa.us/pennvest/cwp/browse.asp?A=4>

Foundation For Pennsylvania Watersheds Announces Grant Awards & Application Dates – Feb 20

The Foundation for Pennsylvania Watersheds announced the award of \$132,700 grants that will leverage a total of \$1.2 million dollars. The next round of applications are due February 20 and August 21. The projects will lead to restoration of 800 linear stream miles, restore/protect a 22 acre reservoir, create 1.5 acres of wetland, and complement the \$1,000,000 already invested in the Shoups Run Watershed. To apply for a grant, visit the Foundation for Pennsylvania Watersheds website http://www.pennsylvaniawatersheds.org/?page_id=20.

NRCS Announces Sign-Up for \$20 Million In Conservation Innovation Grants – Mar 2

Natural Resources Conservation Service Chief Arlen Lancaster this week announced the availability of program funding for Conservation Innovation Grants for 2009, including a special Chesapeake Bay Watershed category. Applications are due March 2. The CIG program is designed to stimulate the development and adoption of innovative conservation approaches and technologies. Funds for single- or multi-year

projects, not to exceed three years, will be awarded through a nationwide competitive grants process with applications accepted from all 50 States. FY 2009 CIG categories are:

- Natural Resource Concerns Category--up to \$5 million available for proposals addressing one or more of the CIG natural resource concerns. This category has been offered since 2004.
- Technology Category--up to \$6 million available for proposals addressing one or more of the CIG technology categories. This category was offered for the first time in 2006.
- Grant Leveraging Category--up to \$4 million to pilot the leveraging of CIG grants projects that provide further grants that align with the purposes of CIG. This is the first year CIG offers this category.
- Chesapeake Bay Watershed Category--up to \$5 million available for proposals addressing one or more of the CIG natural resource concerns in the Chesapeake Bay watershed. This category has been offered since 2005.

Applicants should explain the geographic area that the project would benefit including information about the natural resource concern. Applicants should also describe the innovative technologies or approaches which will be used to address the natural resource conservation concern. Other requirements are identified in the Announcement of Program Funding. Funding for CIG is made available through the Environmental Quality Incentives Program (EQIP). All proposed CIG projects must involve EQIP-eligible producers. CIG funds that are used to provide direct or indirect payments to individuals or entities to implement structural, vegetative or management practices are subject to the EQIP payment limitation. CIG is not a research program, but rather a tool to stimulate the adoption of conservation approaches or technologies that have been studied sufficiently to indicate a high likelihood of success, and are likely candidates for eventual technology transfer. CIG will fund projects targeting innovative on-the-ground conservation, including pilot projects and field demonstrations. Technologies and approaches that are commonly used in the geographic area covered by the application, and which are eligible for funding through EQIP, are not eligible for funding through CIG. Proposed projects must conform to the description of innovative conservation projects or activities published in the Announcement of Program Funding. CIG funds pilot projects and conservation field trials that can last from one to three years. Grants for approved projects cannot exceed 50 percent of the total project cost. The federal contribution for a single project cannot exceed \$2 million. At least 50 percent of the total cost of the project must come from non-Federal matching funds (cash and in-kind contributions) provided by the grantee. While NRCS will provide technical oversight for each project receiving an award, the grantee is responsible for providing the technical assistance required to successfully complete the project. Applications should be sent to: USDA Natural Resources Conservation Service; Conservation Innovation Grants Program; Financial Assistance Programs Division, Room 5239-S; 1400 Independence Ave, SW; Washington, DC 20250. For more information, visit the Conservation Innovation Grants Program webpage <http://www.nrcs.usda.gov/programs/cig/>.

Rivers Conservation Fly Fishing Youth Camp Applications Due – Mar 15

The Rivers Conservation and Fly Fishing Youth Camp is now accepting applications for its 2009 camp to be held June 21-26 at the Allenberry Resort in Boiling Springs, Pa. Applications must be postmarked by March 15. The highly structured curriculum is based on college level classes. The students are instructed in ecology, aquatic biology, geology, hydrogeology, erosion and sedimentation control, ichthyology, riparian corridor protection, watershed management, entomology and much more. Students also participate in a hands-on stream habitat improvement project. For more information or an application brochure contact the camp at the Rivers Conservation and Fly Fishing Youth Camp website <http://www.riverscamp.com/>. Questions can be direct to Matt Lourdeau by sending email to: MLflyfish@hotmail.com. You may also contact the camp by mail at: Rivers Conservation & Fly Fishing Youth Camp, PO Box 71, Boiling Springs, PA 17007

EPA CARE Grants – Mar 16

The 2009 U.S. EPA Community Action for a Renewed Environment (CARE) Cooperative Agreement Request for Proposals (RFP) is now available. The application deadline is March 16. Around \$3 million will be available in 2009 to support community-based partnerships to reduce pollution at the local level through the CARE program. EPA anticipates awarding CARE cooperative agreements in two levels. Level I cooperative agreements 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 which have established broad-based partnerships, have identified the priority toxic risks in the community, and are prepared to measure results, implement risk reduction activities, and become self-sustaining. EPA will conduct three conference calls in February for prospective applicants to ask questions about the application process, as well as three information sessions via Webcasts in January and February. <http://www.epa.gov/CARE>

WREN Announces 2009 Community Watershed Education Grants now available! –Apr 3

(Harrisburg, PA) - Looking to make a difference in your community? Want to make 2009 a "greener" year in your town by educating and motivating local citizens about ways to protect community water resources from polluted runoff? The Water Resources Education Network (WREN) has funding available up to \$5,000 to help launch community projects. See the terrific projects we've already funded to get some creative ideas at <http://wren.palwv.org/local.htm>. Use these ideas to develop your own project - No need to re-invent the wheel! Grant Applications Due: April 3, 2009. Download Application at: <http://wren.palwv.org/grants/local.html>

PA DCNR Community Conservation Partnership Grants – Apr 22

The PA Department of Conservation and Natural Resources will award Community Conservation Partnership Grants to municipalities for recreation, park and conservation projects. These include the rehabilitation and development of parks and recreation facilities; acquisition of land for park and conservation purposes; and technical assistance for feasibility studies, trails studies, and site development planning. The deadline for grant applications is April 22. The PADCNR, in partnership with the PA Recreation and Park Society, has scheduled a series of eight [grant workshops](http://www.dcnr.state.pa.us/brc/grants/) for the Community Conservation Partnership Grant Program. <http://www.dcnr.state.pa.us/brc/grants/>

\$23 Million Chesapeake Bay Watershed Initiative Funding Now Available. Sign-Up Underway - 2009

Pennsylvania agricultural producers located within the Chesapeake Bay watershed can now apply for special assistance under the new Chesapeake Bay Watershed Initiative, was announced this week by Craig Derickson, Pennsylvania State Conservationist. Recently authorized in the 2008 Farm Bill, this new initiative offers technical and financial assistance to producers to install agricultural practices to help control erosion, and to minimize excess nutrients and sediments in order to restore, preserve, and protect the Chesapeake Bay. The CBWI offers assistance to eligible participants to implement a system of core conservation practices on eligible agricultural land. The core practices include crop residue management (especially no-till and mulch till systems), crop nutrient management, manure management, cover crops,

buffers, riparian forest buffers, and streamside fencing to keep livestock out of the streams and protect fish and wildlife habitat. In addition, a limited number of other conservation practices are available to address specific resource problems. Applications for the new CBWI will be accepted continuously throughout the year to be evaluated, ranked, and prioritized based on their potential to control erosion and reduce sediment and nutrient levels in local waters and the Chesapeake Bay. Applications will be collected and evaluated on a monthly basis, beginning with applications received by March 1. Some watersheds in Pennsylvania will be designated as high priority watersheds in this initiative because they have high yields of nitrogen and phosphorus, intense agricultural operations, and local water quality impairments due to excess nutrients or dissolved oxygen. Applications from the designated priority watersheds will receive additional points in the ranking system due to their higher potential for environmental benefit in reducing sediment and nutrient loads before they reach the Bay. Qualified applications will be approved for funding as long as funds are available. Applications that cannot be funded can be retained for up to two years, after which time the producer will need to re-file a new application. The first step for producers should be to contact their local NRCS or Conservation District office to request assistance. Information on the location of USDA Service Centers is available online. The application and information about the new Chesapeake Bay initiative for fiscal year 2009 and a map of priority watersheds are available on the Pennsylvania NRCS website <http://www.pa.nrcs.usda.gov/programs/cbwi/index.html>. For more information, visit the NRCS Chesapeake Bay Initiative webpage for Pennsylvania http://www.pa.nrcs.usda.gov/chesapeake_bay.html.

Grazing Assistance Available To Farmers Through NRCS

Jana Malot, Pennsylvania Natural Resources Conservation Service's Grassland Specialist, this week reminded farmers that NRCS is continuing to promote grazing systems through their Environmental Quality Incentives Program to help them improve their overall farming operation. To apply, producers should first contact an NRCS Field Office at a USDA Service Center (<http://offices.sc.egov.usda.gov/locator/app?service=page/CountyMap&state=PA&stateName=Pennsylvania&stateCode=42>) . Applications are accepted by NRCS on a continuous basis throughout the year to evaluate, rank, prioritize, and select applicants. There is no due date to apply; however, applications received early will be given preference for funding by the anticipated mid-March cut off date. Applications will be evaluated on a monthly basis and approvals made on a regular basis as long as funds remain available. Applications that cannot be funded because of a shortage of funds or lower priority can be retained for up to two years, after which time the producer will need to re-apply. The application and information about EQIP for fiscal year 2009 are available on the Pennsylvania NRCS website <http://www.pa.nrcs.usda.gov/programs/>.

BMP Challenge Program Expands - 2009

The BMP CHALLENGE program has helped 102 corn producers since 2000 experiment with conservation practices on their farms, without risk to income. BMP CHALLENGE is a collaborative project of the American Farmland Trust (AFT); Agflex; and the IPM (Integrated Pest Management) Institute of North America. The programs work to give farmers an opportunity to test reduced nutrient and tillage rates on their fields. Currently, the program is open to farmers in 15 states including Iowa, Illinois, Indiana, Minnesota, Michigan, Ohio, Pennsylvania, Missouri, Idaho, North Carolina, Nebraska, Florida, Maryland, Delaware and Wisconsin. To participate, farmers must be eligible for EQIP and grow corn for grain or silage. BMP CHALLENGE staff work directly with farmers, through watershed/conservation districts, and with other organizations, to reduce nutrient and sediment outputs to local waterways and educate farmers about BMPs. BMP CHALLENGE partners hope to expand the program into new states such as California and broaden the scope to include other crops, such as soybeans and additional types of corn. <http://www.bmpchallenge.org/>

CWP Technical Capacity Mini-Grants - 2009

With funding from an EPA Targeted Watershed Initiative Grant, the Center for Watershed Protection (CWP) is currently inviting proposals to its Technical Capacity Mini-Grant program, awarding direct assistance and financial support to a wide range of small watershed organizations. Up to ten \$5,000-15,000 grants will be awarded to strengthen the technical capacity of these groups in the area of stormwater and watershed management. These grants may be awarded in the form of direct assistance from CWP staff. Alternatively, mini-grant recipients may also receive cash assistance and tailored information where necessary. Proposals are being accepted on a rolling basis. <http://www.cwp.org/Calendar/CWPMinigrantsRFP.pdf>



WATERSHED FACILITATION ASSISTANCE

Lunch Time Webinar Series Begins

Research and practices for Pennsylvania's animal agricultural operations and best protection of air and water quality are the focus of this weekly lunch hour program, Manure Du Jour: Serving Pennsylvania's Best Practices on Animal Ag, Water, and Air Quality, offered January 14 through April 16. The weekly offerings following will address livestock-specific considerations, research findings, and practices. Click on the link below for details on the rest of the webinar series. Link: [Details for Webinar Series](#). Contact: [Kristen Saacke Blunk](#) (814-863-8756) or [Anna Marie Nachman](#).

12th Annual Tri-State Conservation Tillage Conference 2009 – Jan 27

The Tri-State Conservation Tillage Conference is being held on Tuesday, January 27, 2009 from 9:00 am - 3:15 pm at the Radisson Motel, 3377 New Castle Road, West Middlesex, PA. Keynote speakers include Franke Dijkstra, a pioneer no-till farmer from Ponta Grossa, Brazil and Steve Groff from Cedar Meadows Farm who has pioneered the "Permanent Cover Cropping System". Click on the link below for details and registration information. Link: Conference Details <http://www.pennsoilrcd.org/tillage/tillage.htm>. Contact: [Wes Ramsey](#) by e-mail or by phone at (814)-226-8160 ext 5.

WOODLAND RESTORATION WORKSHOP – Feb 3

A workshop for landowners about Forest ecology, Native plants in the woods, Controlling invasive plants, and Restoring woodlands. Presented by York County Cooperative Extension and PA DCNR. Cost: \$10.00 per person; \$12.00 per couple. Fee includes workbook, information packet,

Refreshments. Make checks payable to: PSCE Program Fund. Mail checks to: Penn State Cooperative Extension, 112 Pleasant Acres Rd. York, PA 17402-9041. Attention: Lisa. (717) 840-7408 Fax: (717) 755-5968

PA Sustainable Agriculture Farming For The Future Conference – Feb 5-7

The Pennsylvania Association for Sustainable Agriculture will hold its annual conference in State College on February 5-7 and for the first time will offset the electricity and transportation used during the conference with carbon credits. The theme of this year's conference is "Finding Your Foodshed - The Worldwide Search For Food Sovereignty." Featured speakers for the event will include: Raj Patel, author of the book "Stuffed and Starved", is a visiting scholar at the Center for African Studies At the University of California at Berkeley, Bernard Sweeney, Director of the Stroud Water Research Center in Avondale, Pa. The conference workshops include: sustainable forestry, weed school, green learning, living for high school students, advocacy and regionalism, 21st Century victory garden, farmers market success, innovative cover cropping systems and hands-on integrated pest management. Download the detailed conference agenda and go to the PASA conference website for registration <http://www.pasafarming.org/conf2009/>.

York Friends to begin environmental stewardship film series with "Kilowatt Ours" – Feb 8

York Friends (Quaker) Meeting challenges the York Community to move "Beyond An Inconvenient Truth" to actions that help to heal and sustain our environment through a film and dinner series held at the Meetinghouse, 135 West Philadelphia St., York, beginning February 8 2009 at 6 pm with a simple meal prepared from locally grown food and a movie called "Kilowatt Ours." Award-winning film Kilowatt Ours: A Plan to Re-Energize America is a timely, solutions-oriented look at one of America's most pressing environmental challenges: energy. Filmmaker and conservationist Jeff Barrie journeys across the U.S. documenting our energy-related problems and presenting practical, cost-saving solutions for consumers. More information about the movie: www.kilowattours.org. More information about York Friends Meeting: www.yorkfriendsmeeting.org

PADCNR Workshops For 2009 Community Conservation Partnership Grants – Feb 3

The PA DCNR in partnership with the PA Recreation and Park Society, has scheduled a series of eight grant workshops for the 2009 Community Conservation Partnership Grant Program. The deadline for applications is April 22. These workshops will feature the new DCNR e-Grant application process and the greening of the C2P2 grant program. The workshops will be held on the following dates: February 3- Carlisle FYI: <http://www.dcnr.state.pa.us/Calendar/list.asp?intDivisionID=24>

Forestry for the Bay Steering Committee Meeting – Feb 10

A meeting of the Steering Committee on Tuesday, February 10, from 9:30 to noon at the Sherwood House at Cromwell Valley Park. All are welcome to attend. The agenda includes much needed updates on current assessment and implementation projects, projects being requested through our capital budget, and priorities for 2009-2012. Contact: Donald C. Outen, AICP, Natural Resource Manager, Baltimore County Dept. of Environmental Protection & Resource Management, 401 Bosley Avenue, Room 416, Towson, Maryland 21204. 410.887.4488, x. 238 (office). 443.630.3776 (mobile). 410.887.3510 (FAX). E-mail: douten@baltimorecountymd.gov

PA Nutrient and Carbon Credit Trading Seminars – Feb 12 & 19

The Pennsylvania Association of Conservation Districts, the Pennsylvania Environmental Council and the Capital Resource Conservation and Development Area Council are jointly hosting two one-day seminars on nutrient credit and carbon trading on February 12 in State College and February 19 in Lancaster. The public session at both meetings will be geared toward farmers and other landowners interested in generating nutrient and carbon credits. <http://www.paenvironmentdigest.com/newsletter/default.asp?NewsletterArticleID=11081&SubjectID=>

Stormwater Monitoring: The Nuts & Bolts for PA Citizen Groups Working to Monitor & Protect Their Local Streams – Feb 14

Saturday, February 14, 2009. 9:00 am - 4:30 pm, at Valley Forge National Historic Park, PA. Fee: \$5.00 - Register by Feb 6th. Send this information with payment to: Stroud Water Research Center, Education Department 970 Spencer Road Avondale, PA 19311. This workshop is sponsored by the Consortium for Scientific Assistance to Watersheds through the PA Growing Greener Program. A pdf of the registration flyer is also attached for download. Contact Faith Zerbe, Monitoring Director, Delaware Riverkeeper Network, 300 Pond St. 2nd Fl Bristol, PA 19007. E-mail: faith@delawareriverkeeper.org. 215-369-1188 ext 110 (ph). 215-369-1181 - (fax). Remember the River www.delawareriverkeeper.org/remember. To remind us all to Remember the River in every decision we make; And to hold our elected officials accountable to do the same.

Professional Crop Producers Conference – Feb 17-19

The PA No-till Alliance, Forage and Grassland council, Corn Growers Association, and Soybean Promotional Board are pleased to announce the second annual Professional Crop Producers Conference being held at the Penn Stater Conference Center Hotel, State College, PA on February 17-18, 2009. The conference will bring producers, scientists, and industry professionals together to learn about the benefits of no-till systems, improved crop production systems, and how these systems can increase profitability. Dr. Jill Clapperton, a renowned Soil/Rhizosphere Ecologist, is the scheduled keynote speaker.

Link: [Registration Information](#)

SAFE DRINKING WATER WORKSHOP – Feb 26

A workshop for well owners about Well structure and maintenance, water testing, treatment options and water supply protection. Presented by York County Cooperative Extension. Cost: \$4.00 per person; \$5.00 per couple. Fee includes 1 information packet and refreshments. Make checks payable to: PSCE Program Fund. Mail checks to: Penn State Cooperative Extension, 112 Pleasant Acres Rd., York, PA 17402-9041. Attention: Lisa. (717) 840-7408 Fax: (717) 755-5968

Sustainability Webinars – Feb 26

The American Public Works Association is beginning a webinar series on sustainability issues, including "Green Transportation and Smart Growth" on January 15, and "Low Impact Development for Public Works" on February 26. <https://www.apwa.net/Education/web.asp>

Water Quality Credit Trading Workshop – Mar 4-5

Farmers, agricultural advisors, wastewater utilities and power companies are invited to attend a two-day workshop on water quality credit trading March 4-5. Farmers unable to attend both days are encouraged to come to the first day of the workshop. Together with its partners, Environmental Trading Network, the International Certified Crop Advisers, and the Water Environment Federation, the Conservation Technology Information Center will host this interactive event in the Easton, MD area. Water quality trading is a market-based approach to improve water quality. It is an innovative, voluntary tool that connects industrial and municipal facilities, or "point sources," with agricultural producers, "nonpoint sources," to economically achieve water quality improvements. It is a flexible and cost-effective approach for maintaining, restoring, or enhancing water quality. Workshop planners hope to increase awareness of water quality trading and improve understanding of the voluntary process among agricultural producers and their advisors, wastewater treatment representatives, and potential "aggregators" (organizations that serve as a kind of broker, facilitating trading). Expert speakers will introduce the concepts, benefits and challenges of trading and the steps involved in developing a trading program. The training will include breakout sessions to give participants specific skills to develop or participate in a trading program. Case studies will be highlighted so participants can learn from existing programs. Plan to attend the workshop on March 4 and 5. Visit the [CTIC Web site](#) for more information. If you have questions, please contact CTIC at 765-494-9555 or ctic@conservationinformation.org.

Sign Up NOW for the 4th Annual Stream Cleaner Environmental Forum – Mar 9 – Apr 10

Lessons are available and on-line now. Dialogue runs March 9th to April 10th, 2009. Cacapon Institute is pleased to announce the 4th Annual Stream Cleaner Environmental Forum, a free, curriculum-based internet activity available 24/7 to high school classes throughout the Chesapeake Bay watershed. To date, more than 900 students in biology, chemistry, environmental science, and vocational agriculture from four states have participated. The SCE Forum is a Project Based Learning exercise in which students seek solutions to the complex problems of non-point source water pollution. Through an extended, collaborative process, students investigate the Chesapeake Bay restoration effort, a regional issue relevant to their lives. They engage their peers across the internet and role play as stakeholders, problem solvers, and consensus builders to formulate solutions. Students strengthen their critical thinking abilities and decision making skills, and are given an opportunity to not only investigate, but also become actively engaged in watershed restoration efforts. To see the lessons and format of the SCE Forum visit www.cacaponinstitute.org/high.htm and [click on the phone](#), for more background click on the [eForum Information & Sign Up](#). We look forward to hearing from you and welcome your comments and questions. Contact: Frank Rodgers, Education & Outreach Director ISA Certified Arborist, Cacapon Institute, P.O. Box 68, High View, WV 26808. 304-856-1385 (Home 204-258-7657). E-mail frodgers@cacaponinstitute.org. www.cacaponinstitute.org

EPA Watershed Webcasts

EPA's Watershed Academy sponsors monthly Webcasts, audio versions of which are available on their website. Past Webcast topics include Using Rain Gardens to Reduce Runoff, Climate Change, Smart Growth, AMD and Art, EPA's STORET system, TMDLs and trading through the National Estuary Program, the Nonpoint Education for Municipal Officials (NEMO) Program, Brownfields Redevelopment, Watershed-based NPDES Permitting, Integrating Wetlands into Watershed Protection; Sustainable Financing for Watershed Groups; Phase II Stormwater; Low Impact Development Strategies, Tools, and Techniques for Sustainable Watersheds; and Eight Tools for Watershed Protection in Developing Areas. <http://www.epa.gov/watershedwebcasts>



WATERSHED TECHNICAL ASSISTANCE

Blueprint for a Green County

The environment, both urban and rural, is about to become a major focus in the future development of Lancaster County. A new "green infrastructure" blueprint for the county's updated comprehensive plan proposes a bold new emphasis on preserving woods, waterways and open spaces. The 168-page "Greenscapes" plan envisions a partnership of county and local officials, along with the private sector, to create a network of natural areas and green spaces in rural, urban and suburban areas. They would be connected by linear ribbons called greenways, usually along streams or ridges. The plan sets a goal of buying, or preserving through easements, an average of 4,675 acres of open space annually over 20 years. That would total 146 square miles, or about 15 percent of the county's land area. Towns could become more "green" with tree plantings, conveniently located parks, "living roofs," community gardens, backyard habitats and tinkered transportation systems that encourage more walking, bicycling and public transit over personal vehicles. Read more... <http://articles.lancasteronline.com/local/4/231151>

Stormwater Infiltration in Clay Soils: A case study in the North Carolina Piedmont

Stormwater runoff from impervious surfaces is causing devastating effects on the landscape of our developing watersheds. We are disrupting the natural hydrological cycle that supports our potable water supplies and natural fauna. Intentional stormwater infiltration can restore that cycle. However, the lack of awareness and the perceived lack of data are currently limiting its use. This article presents monitoring data for three sites in the North Carolina Piedmont that demonstrate the success of stormwater infiltration in clay soils. Negative consequences of increased impervious area within developing watersheds have been quantified and documented worldwide. The lack of success in mitigating impervious area has also been verified and documented. Runoff from an acre of pavement is approximately 10 to 25 times greater than the runoff from an acre of grass. In urban areas, 30 to 40% of the rainfall runs directly into the nearest stream. In heavily urbanized areas, such as central business districts, precipitation runoff can be more than 50%. Compare this to the amount of runoff from woodlands, which is often less than 5%. Read more... <http://www.stormh2o.com/january-february-2009/infiltration-clay-soils.aspx>.

Characterizing Stormwater Quality: A Fool's Errand?

With the passage of time, the stormwater profession has become increasingly aware of the complexities of characterizing stormwater. We most commonly hear of the shortcomings of automatic samplers, bias of sample splitting, deficiencies of certain analytical procedures, uncertainty of flow measurements, and problematic belief in concentration values near their detection limits. Less heard is something oceanographers discovered more than 10 years ago: that the observed concentrations of dissolved metals differ with filter manufacturer and

the length of filter time. We then add issues related to storm selection: Do the storms selected properly represent reality? Given all of these complications, what confidence can we place in our attempts, however heroic, to characterize stormwater? What confidence can we place in the numbers? Going further, let's assume we have a sampling and analytical protocol in which we can place complete confidence. The cost per station is substantial. The response, given limited budgets, is to establish few stations. Will sampling only one outfall per 100, for example, properly characterize the community? We compensate for this limitation through the use of community-wide models. But how accurate can these models be when we tend to use the same runoff concentrations for each type of land use, despite the awareness that concentrations appear to differ within the apparently same land use type? After spending so much money, the suspicion is that we are only going to know the obvious: that stormwater is indeed polluted. Read more... <http://www.stormh2o.com/january-february-2009/characterizing-stormwater-quality.aspx>.

Balancing Act: Seed, mulch, and soil amendments: choosing wisely for the long term

Revegetating an area is rarely achieved with seed alone. Climate, soil conditions, budget, and project deadlines are just a few considerations that contractors must initially make regarding mulch and soil amendment choice as they work to make the most of the seed they've selected. A requirement to use, native seed can sometimes complicate these decisions, but native seed is usually the best choice for long-term protection. Mixing seeds and their enhancing and protecting partners can and should be approached as a science. Finding the right balance between quick groundcover and long-term protection means placing your faith in strong, proven performers as well as the willingness to try innovative methods that can save your project time and money. Learning which choices are the right ones for your site can take periods of trial and error. Several professionals recently shared their experience with seed, mulch, and soil amendment use in the field. Read more... <http://www.erosioncontrol.com/january-february-2009/seed-soil-amendments.aspx>.

Channel Protection Measures: Hard- and soft-armor options

Stormwater runoff, consisting of moving water both during and in the aftermath of a downpour, may be managed (or mismanaged) in a number of ways. As described in the Alabama Handbook for Erosion Control, Sediment Control and Stormwater Management, "In an undeveloped area, stormwater runoff is managed by nature through the hydrologic cycle. The cycle begins with rainfall. Rain either stands where it falls and evaporates or it is absorbed into the ground near the surface, to feed trees and vegetation, ultimately to be returned to the atmosphere by transpiration; or it percolates deeply into the ground replenishing the groundwater supply. The remainder of the rainfall collects into rivulets. This collected runoff increases in quantity as it moves down the watershed, through drainageways, streams, reservoirs and to its ultimate destination, the river and then the sea." But, the document continues, "This simple explanation of the hydrologic cycle belies its complexity. Nature's inability to accommodate severe rainfalls without significant damage, even in undeveloped areas, is very apparent. Nature's stormwater management systems are not static but are constantly changing. Streams meander, banks erode, vegetation changes with the seasons, lakes fill in with sediment and eventually disappear." Of course, in developed areas, additional problems may present themselves. Read more... <http://www.erosioncontrol.com/january-february-2009/channel-protection-measures.aspx>.

Two Ways to Install Silt Fence: The many functions and forms of an evolving standby

There are two ways to install a silt fence—the right way and the wrong way. The right way, it turns out, has a lot of variables, as any contractor knows. The choices are dictated by the type of soil, the slope gradient, and the length of time a job may take, as well as other influences. The wrong way often has to do with contractors using unfit materials and with lack of inspection and enforcement to correct installation errors. While it's not news that silt fences are a first-rate form of erosion control, what's new is the growth of options and new products for the job. And contractors, young and older, new to the business or old hands, are using a variety of equipment to install silt fences. Read more... <http://erosioncontrol.com/november-december-2007/install-silt-fence.aspx>.

Erosion Control + Construction Site = No Fines: Keeping closer watch over ESC practices

In past decades, you could often locate a construction site of any size by the dust cloud overhead, sediment in a nearby stream, or the muddy tracks in the street. That's all changing as a result of more stringent regulations and a plethora of products to meet the challenges. Requirements to meet National Pollutant Discharge Elimination System (NPDES) Phase II standards, as well as air-quality regulations restricting small airborne particles known as PM10, have forced contractors to consider what leaves each construction site, whether it is mud from truck tires, sediment washing into a stream, or dust swirling into the air. Products to meet the challenges of erosion and sedimentation on construction sites range from silt fences to blankets and mats to devices that remove mud from truck tires. Many contractors are employing several methods in concert to ensure that their sites meet requirements. Read more... <http://erosioncontrol.com/march-april-2008/watch-esc-practices.aspx>.

eGovernment Engineering

Government Engineering is an online and print resource for engineering professionals. This excellent publication includes articles from around the US on such topics as water, stormwater, solid waste, wastewater, erosion control, street maintenance, transportation and bridges, traffic, technology in public works, fleet maintenance, grounds maintenance and recreation, and pipeline engineering. <http://www.govengr.com/index.htm>

Managing Wet Weather with Green Infrastructure - New Additions

EPA is developing a series of documents, collectively called the Municipal Handbook, to assist local officials with implementation of green infrastructure programs. Recently, three additional installments in the series were released: Green Infrastructure Retrofit Policies, Green Streets, and Rainwater Harvesting Policies. <http://cfpub.epa.gov/npdes/greeninfrastructure/munichandbook.cfm>

Latest issue of The Agricultural Law Brief

Published by the Penn State Dickinson Agricultural Law Center. This issue contains information on the following topics:

- State College Borough urban chicken ordinances;
- Superior Court interpretation of "produced in paying quantities" clause in natural gas lease;
- Milk Income Loss Contract Program regulations;

- WTO trade dispute regarding Country of Origin Labeling; and
- FDA Food Protection Plan.

Please feel free to forward this email to anyone to whom it would be of interest. Please copy rhp102@dsl.psu.edu on any emails sent to listservs. Contact: Ross H. Pifer, J.D., LL.M., Director, Agricultural Law Resource & Reference Center, Penn State University, The Dickinson School of Law, 207C Lewis Katz Building, University Park, PA 16802. 814-865-3723 (phone). 814-863-7274 (fax). E-mail: rhp102@psu.edu. Web: www.dsl.psu.edu/centers/aglaw.cfm

NASS Pennsylvania Field Office Announces Completion of Newest Annual Statistical Bulletin

HARRISBURG, PA, Dec 30, 2008 - - The Pennsylvania Field Office of USDA's National Agricultural Statistics Service (NASS) announced today the completion of the newest issue of the Annual Statistical Bulletin for 2007-2008. This annual report is about 150 pages long and contains state and county statistics for the major agricultural items produced in Pennsylvania. The annual summary can be found on the Internet at <http://www.nass.usda.gov/pa>; select the Annual Statistical Bulletin under the "Pennsylvania Publications" sub-title.

DRAFT TECHNICAL GUIDANCE DOCUMENTS AVAILABLE

As of today. To access the document, click on the ID number. The draft date will show the most recent draft available. The comment period may have passed but the draft will remain available at this site until the document is finalized.

ID NUMBER	DOCUMENT TITLE	DRAFT DATE	COMMENT BY	CONTACT	PHONE
362-0300-009 PDF File	Reuse of Treated Wastewater Guidance Manual	1/10/2009	2/9/2009	Kevin McLeary	(717) 783-1820
255-5800-001 PDF File	Guidance for Commonwealth Funded Water Supply Response Actions	12/27/2008	1/26/2009	George Hartenstein	717-787-1915
275-2101-007 PDF File	Best Available Technology and Other Permitting Criteria for Municipal Solid Waste Landfills	11/29/2008	1/12/2009	Virendra Trivedi	(717) 772-3979
012-0200-001 PDF File	Policy for Consideration of Local Comprehensive Plans and Zoning Ordinances in DEP Review of Authorizations for Facilities and Infrastructure	11/15/2008	3/2/2009	Denise Brinley	(717) 783-1566
391-2000-017 PDF File	Implementation Guidance Temperature Criteria	11/8/2008	1/7/2009	Thomas Starosta	(717) 787-4317

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