



# WAY E-NEWS

A coalition of stakeholders committed to being innovative leaders  
encouraging watershed-based planning, restoration and protection  
[www.watershedsyork.org](http://www.watershedsyork.org)

Volume 8, Issue 10

May 5, 2008

**QUOTE OF THE WEEK – "Green is the new red, white and blue." -- State University of New York's College of Environmental Science and Forestry President Cornelius B. Murphy**

## 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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- New Watershed Academy Module – Sustainable Funding Plans
- IRS Updates, May 2008: Intermediate Sanctions,

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- Governor's Sustainable Water Infrastructure Task Force Holds Hearing – May 8
- Saving \$ – Managing Water – May 22
- CBF, Other Groups Ask State To Be A Partner in Chesapeake Bay Cleanup Plan
- Deer Creek Watershed Availability Study Available
- New – Chesapeake Stormwater Network

**WATERSHED RESTORATION & PROTECTION – Page 8**

- Nutrient Pollution Reductions From Urban Stream Restoration Quantified
- Free May 8 Webcast on EPA's Draft Water Climate Change Strategy
- Free May 13th Webcast on Wetlands and Climate Change
- EPA's Watershed Planning Handbook Released
- New Release – The Runoff Reduction Method
- Free Software Simulates Ground Water Interactions
- PA Bulletin

**WATERSHED STEWARDSHIP – Page 10**

- Conservation Districts Celebrate Soil and Water Stewardship Week – Apr 27-May 4
- CLEANUP SEASON
- One Drop At A Time – New Resourceful Paradigms at 168 Elm Avenue
- DCNR warns of spring wildfire danger

## WATERSHED ALLIANCE NEWS

### Alliance for Aquatic Resource Monitoring (ALLARM) – [www.dickinson.edu/allarm](http://www.dickinson.edu/allarm)

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

### Alliance for the Chesapeake Bay – [www.alliancechesbay.org/](http://www.alliancechesbay.org/)

<> 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](mailto:acbpa@acb-online.org)

### American Rivers – [www.americanrivers.org](http://www.americanrivers.org)

- New Children's Book – Trout Are Made of Trees. Focusing on the life cycle of trout, this children's book illustrates the importance of healthy streams for the communities they support. Trout Are Made of Trees reminds the young (and the young at heart) that the water cycle and life cycle are one. For every book bought on Powells.com, a portion of the proceeds will be donated to American Rivers. Please purchase your copy today! <http://www.powells.com/biblio/9781580891370?&PID=23831>

<> 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

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

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

### Codorus Creek Improvement Partnership – [www.codoruscreek.com](http://www.codoruscreek.com)

- May 22 – Next meeting, 7:00 PM, at 324 W. Market St., York, PA.

<> Contact: Karen Noll, President, Codorus Creek Improvement Partnership, at 324 W. Market St., York PA 17401. Ph: 717-718-5431. E-mail: [info@codoruscreek.com](mailto:info@codoruscreek.com)

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

- May 14 – 14<sup>th</sup> CCWA Annual Meeting 7:00 PM at J. Hamon's residence.
- HELP-Buffers Program accepting applications for 2008 projects

<> Contact: Jim Leaman at 843-2929.

### Codorus Implementation Committee

<> Contact: Genevieve Ray, Coordinator, 848-3320 or [creekstudy@aol.com](mailto:creekstudy@aol.com)

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

- July 3 – 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](http://www.harfordcountymd.gov/PlanningZoning/WRAS).

<> Contact Lee McDaniel at [ldmcdaniel@aol.com](mailto:ldmcdaniel@aol.com).

### Friends of Codorus State Park – [www.friendsofcodorus.org](http://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](mailto:FriendsLochRaven@aol.com)

<> Contact: Nate Thompson 410-667-9825 (home) or [natetect@gmail.com](mailto:natetect@gmail.com)

### Greater Hanover Alliance – [pwingert@legacycaps.com](mailto:pwingert@legacycaps.com)

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

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

<> Resource: [http://www.gunpowderfalls.org/2006/08/sept\\_16th\\_join\\_.html](http://www.gunpowderfalls.org/2006/08/sept_16th_join_.html)

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

- May 6 – Board meeting, 7:00 pm, at Clubhouse
- May 14 – Club meeting 7:00 pm, at Clubhouse

<> Contact Lee Irwin 428-9368

### Izaak Walton League Pinchot Chapter

- Meets second Tuesday of each month at Clubhouse

<> Contact: Colin L. Wolfe [crccwolfe@aol.com](mailto:crccwolfe@aol.com)

### Lancaster-York Heritage Region – [www.lyhr.org](http://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](mailto:info@lyhr.org).

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

- WHISPERINGS BENEFIT for Stewards of the Lower Susquehanna Wednesday, May 7th at 7 pm, Pullo Center theater in York. Please attend our "Whisperings" Benefit for Stewards of the Lower Susquehanna next Wednesday, May 7th, 7 pm at Penn State-York's new Pullo Theater. These four incredible pianists and composers are coming and playing for FREE, all proceeds going to support our work on the Susquehanna. In addition to the beautiful music, we will have silent auction items including artwork and river books. Tickets are available at the door for \$20, or \$10 for folks over 55, under 18, or students. You can call the Box Office at 717-505-8900. You can also visit [www.solopianradio.com](http://www.solopianradio.com) to hear some of the wonderful music we may hear at the show. This show is sponsored by Greenline Paper, 631 S Pine St in York, your source for recycled paper products and much more! Check out their site at [www.greenlinepaper.com](http://www.greenlinepaper.com) or give Steve a call at 1-800-641-1117.
  - Remember, all donations are being matched by the Keith Campbell Foundation for the Environment, so every dollar you give automatically becomes \$2. I'll send an update with spring activities soon. 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](mailto:lawsusriver@hotmail.com).

**Maryland's Upper West Shore Trib Team** – [www.dnr.state.md.us/bay/tribstrat/index.html](http://www.dnr.state.md.us/bay/tribstrat/index.html)

- Bay Health Shows Mild Improvement – [The University of Maryland Center for Environmental Science](http://www.umces.edu) issued its 2007 Chesapeake Bay Health Report Card, reporting that the overall health of the Bay remained poor in 2007, but slightly improved compared to 2006. Scientists are compiling data on the long-term trends to understand annual variations and provide a full picture of the status of Bay revitalization efforts. Click here for more information [http://www.baystat.maryland.gov/current\\_health.html](http://www.baystat.maryland.gov/current_health.html)
  - June 7<sup>th</sup> Annual Bernie Fowler Chesapeake Bay Wade In at the Anita C, Leight Center. Sign-up to join the fun today!
  - Maryland's BayStat Newsletter April 2008. Subscribe at [www.baystat.maryland.gov](http://www.baystat.maryland.gov)
- <> Contact: Patty Larson, Tributary Strategies Program Coordinator, Maryland Department of Natural Resources, 580 Taylor Ave E-2, Annapolis, MD 21401. Phone: 410-260-8723.

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

Important dates to remember...

- May 17 – Spring Native Plant Sale, Nixon Park, 10:00 am to 4:00 pm
  - May 19 – County Commissioner's work session, 10:00 am, York City
  - June 20 – MAEscapes Interpretive Signage Dedication Ceremony, ANNEX
  - June 21 – MAEscapes Summer Demonstration Site Workshop
  - July 30 – Advisory Board meeting, 6:30 pm, at the ANNEX. Strategic Plan unveiling.
  - Sept. 19 – Fall Demonstration Site Workshop
  - Sept. 27 – Watershed Weekend Fall Open House & Native Plant Sale
  - Dec. 5 – Winter Demonstration Site Workshop
- <> Contact: 717-840-7408 or Connie Schmotzer at [cxs51@psu.edu](mailto:cxs51@psu.edu)

**Prettyboy Watershed Alliance** – [www.prettyboywatershed.org](http://www.prettyboywatershed.org)

<> Contact: Nancy Shaper at [nshaper@jhmi.edu](mailto:nshaper@jhmi.edu)

**Shank's Mare "Go Play Outside"** – [www.shanksmare.com](http://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).

**Spoutwood Farm CSA** – [www.spoutwood.com](http://www.spoutwood.com)

- Oct. 5 – Mother Earth Harvest Fair
  - Community Supported Agriculture (CSA) project, offering organic vegetables by subscription. Spoutwood Farm is committed to connecting people with nature and each other and modeling sustainable living practices through community-supported agriculture, public festivals, and education program. Contact: Tom Harbold at [edu@spoutwood.com](mailto:edu@spoutwood.com) or 717-235-6610.
- <> Contact: [www.spoutwood.com](http://www.spoutwood.com) or contact: Rob Wood, 717-235-6610, [Spoutwood@supernet.com](mailto:Spoutwood@supernet.com)

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

<> Kim Anderson at [sgfornyc@aol.com](mailto:sgfornyc@aol.com).

**Susquehanna River Basin Commission** – [www.srbc.net](http://www.srbc.net)

**Trout Unlimited Codorus Chapter #558** – [www.codorustu.org](http://www.codorustu.org)

- May 8 – Chapter meeting, 7:00 pm, Gander Mtn., York
- <> Contact: Tom Finenze at 840-1372 or [tom@codorustu.org](mailto:tom@codorustu.org)

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

- Fellow trout enthusiasts, Check out these videos on the York Dispatch Website. In the spotlight is the "Train Gang" at the Muddy Creek Forks. These guys deserve a tremendous amount of credit for stocking not only the fish from the Fish Commission but also with MCTU's Trout. If you recognize one of these fellows along the stream, be sure to thank them. Here is the link to the page <http://w3.yorkdispatch.com/video/2008/4/trout08/trout08.html>
  - May 14 – General Meeting 7:00pm at the Collinsville F&G Club.
- <> Contact: Ron Heuston, President MCTU, 244-1851 or [Heuy1955@aol.com](mailto:Heuy1955@aol.com)

**Watershed Alliance of Adams County** - [www.adamswatersheds.org/pages/5/index.htm](http://www.adamswatersheds.org/pages/5/index.htm)

- May 14 – Members meet, 4:30 pm. at the Adams County Ag Center, Gettysburg
- <> Contact: Michelle Kirk 717-677-4628 or email at: [mkirk@adamswatersheds.org](mailto:mkirk@adamswatersheds.org)

**Watershed Alliance of York** - [www.watershedsyork.org](http://www.watershedsyork.org)

- July 2 – Next Board Meeting, 7:00 PM, at CCIP (324 W. Market St., York, PA).
- DONATE – GoodSearch.com is a new search engine that donates half its revenue to the charities its users designate. Just go to [www.goodsearch.com](http://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](mailto:gpeacock@yorkccd.org)

**Yellow Breeches Watershed Association** - [www.ybwa.org](http://www.ybwa.org)

- Next Meeting: YBWA meetings listed on web site.
- <> Contact Bob Edwards, Secretary, at [redwa218@comcast.net](mailto:redwa218@comcast.net) or (717) 761-2756

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

- Check out our new web site!
- <> Contact 717-428-3673; [liriodendron@netzero.net](mailto:liriodendron@netzero.net)

**YorkCounts** - [yorkcounts.org](http://yorkcounts.org)

**York County** - [www.york-county.org](http://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](http://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](mailto:PMcCandless@york-county.org)

**York County Community Foundation** - [www.yccf.org](http://www.yccf.org)

- <> Contact Jane Sload at 717.848.3733 or [jsload@yccf.org](mailto:jsload@yccf.org).

**York County Conservation Alliance** - [www.yorkcountyconservationalliance.org](http://www.yorkcountyconservationalliance.org)

- Input from attendees at the Jan. 29, 2008 meeting of YCCA vision, concerns, issues and purpose posted online.
- <> Contact: Jane Heller at [info@yorkcountyconservationalliance.org](mailto:info@yorkcountyconservationalliance.org) or 717-845-3797, or mail to YCCA - 543 Dupont Ave, York, Pa. 17403

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

- May15 – District Board of Directors meeting, 7:00 pm, at ANNEX
- The Pennsylvania Association of Conservation Districts this week announced Sen. Roger Madigan (R-Bradford) and Sen. Michael Waugh (R-York) were this year's winners of the PACD Legislator Recognition Award. The PACD presents this award to legislators whose outstanding efforts have helped further the activities and accomplishments of the PACD or Pennsylvania's 66 county conservation districts.
- <> Contact Mark Kimmel, District Manager, 118 Pleasant Acres Road, York, PA 17402. Phone: 717-840-7430. E-mail [Yorkccd@yorkccd.org](mailto:Yorkccd@yorkccd.org). Office hours: 8:30 AM-4:30 PM weekdays.

**York County Planning Commission** - [www.ycpc.org](http://www.ycpc.org)

- June 3 – Next Meeting of Planning Commission, 7:30 pm, York County Administrative Center, City of York, PA
- New York County GIS website is up and running. URL: [www.yorkgis.org](http://www.yorkgis.org)
- <> Contact: 717-771-9870 or e-mail [planner@ycpc.org](mailto: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](mailto:YorkExt@psu.edu).

**York County Environment Corps** - [www.watershedalliance.org](http://www.watershedalliance.org)

- <> Contact: Gary Bartell. Ph: 751-2412.



## **WATERSHED EDUCATION & OUTREACH**

### **May is American Wetlands Month**

EPA is celebrating American Wetlands Month in May with federal, state, tribal, local, non-profit, and private sector organization partners. For this year's celebration, EPA encourages individuals and groups to plan activities and events that raise awareness of the critical role wetlands play in our environment and build support for their protection and restoration. For general American Wetlands Month information, please visit: <http://www.epa.gov/owow/wetlands/awm>.

### **Monitoring: Key to Understanding Our Waters – May 20**

The National Water Quality Monitoring Council (NWQMC) presents the 2008 National Monitoring Conference to be held May 18 - 22, 2008 at the Atlantic City Convention Center. Among the topics to be addressed at this year's conference are beach monitoring, groundwater sustainability, microbial source tracking, state monitoring strategies, and data management and exchange. Pre-registration ends May 1, 2008. For full conference agenda and registration, visit the NWQMC Web site at <http://acwi.gov/monitoring/>.

### **Rachel Carson Sense of Wonder Poetry, Essay and Photography Contest – June 16**

The U.S. Environmental Protection Agency Aging Initiative, in partnership with Generations United and the Rachel Carson Council Inc., are inviting submissions for its Second Annual Rachel Carson Sense of Wonder Intergenerational Poetry, Essay and Photography Contest. The deadline for entries is June 16. The contest's intergenerational approach reflects Carson's desire to have adults share with children a sense of wonder about nature and help them discover its joys. Entries must be intergenerational involving a team of persons related or unrelated and describe the intergenerational project and how this project brought the team in touch with the natural world. A panel of expert judges will select finalists. The winners in each category will then be determined by the public, who will have an opportunity to vote on-line in July and August for their favorite submission in each category: photography, essay, and poetry.

<http://www.epa.gov/aging/resources/thesenseofwonder/index.htm>

### **Water Quality Standards Academy: Basic Course in DC area – July 21-25**

Are you relatively new to the Water Quality Standards Program, or do you work in a related program that requires basic knowledge of water quality standards? The Office of Science and Technology's Water Quality Standards Academy will hold a Basic Course in Arlington, VA (just outside of D.C.) July 21-25, 2008. The Basic Course is an introductory training course on water quality standards designed for those with fewer than six months of experience with standards. Others may also benefit from the course, including veterans of the water quality standards program who seek a refresher on aspects of standards. For further information and to apply for admission to the course online, please go to:

<http://www.epa.gov/waterscience/standards/academy.html>

### **What's in Your Bottle?**

During this week of May 4-10 we are celebrating National Drinking Water Week. It's easy to take for granted the fact that we have easy access to safe water in our homes - something that more than 1 billion people in the world can't rely on. Every day, committed professionals who work for more than 52,000 community water systems provide water to 286 million consumers throughout the country. And during this time of escalating prices of everything from milk to gasoline, we should remember that tap water is a great value. The U.S. Conference of Mayors just released a study showing that, on a cost per ounce basis, municipal water is 1,000 to 4,000 times more affordable than bottled water. So, this week, fill your own bottle with safe, affordable water from your tap. Also, learn more about your water system, including how you can help to protect your drinking water source from contamination. Visit EPA's web site at <http://www.epa.gov/safewater> for more information about the national drinking water program.

### **EE Connections – May 2008**

An electronic newsletter linking Pennsylvanians with environmental news and information. Director Kathleen Paul's article, "Environmental Education: Not Just for Kids," has appeared in the Pennsylvania Association of Environmental Educator's Winter Journal. Paul believes that while educating children about the environment is essential, it's equally important to provide adults with the information and resources that they need to lead sustainable, "earth friendly" lives. The article can be viewed in its entirety at [www.pcee.org](http://www.pcee.org).

### **Spend time this summer exploring your watershed!**

The Summer 2008 Chesapeake Classrooms [schedule](#) is now available and CBF is accepting registration forms. Maybe you want to learn about the current environmental status of your hometown area; or you might want to spend time following the trail that John Smith took; or maybe you want to immerse yourself in Chesapeake island culture. [Spend 5-days](#) on an outdoor experience with CBF and you will have a fun new perspective for your classroom! You'll learn from local experts, paddle the scenic areas of the watershed, investigate water quality, and learn to lead outdoor investigations with your students. Graduate credits and/or recertification credits are available for all CC courses. You can [apply online](#) or download the registration form at CBF's [Summer Immersion Course website](#). Cost for the [5-day course](#) is \$150, which includes food, lodging (if applicable), transportation, and any activities. There are funding sources available for teachers from various regions. From Pennsylvania to Maryland and Virginia, from Washington DC, New York, Delaware, and even from West Virginia, Chesapeake Classrooms teachers are stretching their boundaries, exploring new teaching techniques, and learning how to inspire their students to be responsible environmental stewards. At the Chesapeake Bay Foundation, we thoroughly enjoy working with each and every teacher on our field experiences. We hope that you will join us this summer and we encourage you to bring fellow educators. For more details, email [chesapeakeclassrooms@cbf.org](mailto:chesapeakeclassrooms@cbf.org).



## **WATERSHED FUNDING OPPORTUNITIES**

### **Request for Applications: Smart Growth Implementation Assistance**

Free technical assistance available! Are you trying to encourage specific smart growth techniques like transit-oriented development? Or direct your state department of transportation investments to better support smart growth? Are you looking to use smart growth to reach greenhouse gas reduction goals? Do you need help analyzing guidelines for school investments that best fit your state or community? Do you need to retrofit a commercial corridor? Or coordinate your community's smart growth design with an active aging program? The Development, Community, and Environment Division in U.S. EPA's Office of Policy, Economics, and Innovation is responding to this need by issuing a request for applications for the Smart Growth Implementation Assistance program. Through this program, a team of multidisciplinary experts will provide free technical assistance to communities, regions, or states that want to develop in ways that meet environmental and other local or regional goals. Communities, regions, and states around the country are interested in building stronger neighborhoods, protecting their environmental resources, enhancing public health, and planning for development, but they may lack the tools, resources, or information to achieve these goals. EPA can help applicants overcome these roadblocks by providing evaluation tools and expert analysis. EPA is soliciting applications from communities that want help with either policy analysis or public participatory processes. Selected communities will receive assistance in the form of a multi-day visit from a team of experts organized by EPA and other national partners to work with local leaders. Applications will be accepted until May 8, 2008. For more information and application materials, please go to [www.epa.gov/smartgrowth/sgia.htm](http://www.epa.gov/smartgrowth/sgia.htm).

### **Conservation Security Program Sign-up – May 16**

A sign-up for the Conservation Security Program (CSP) will be available from April 18 to May 16. CSP is a voluntary program that provides financial and technical assistance to promote the conservation and improvement of soil, water, air, energy, plant and animal life, and other conservation purposes on Tribal and private working lands. Working lands include cropland, grassland, prairie land, improved pasture, and range land, as well as forested land that is an incidental part of an agriculture operation. The program is available in all 50 States, and provides equitable access to benefits to all producers, regardless of size of operation, crops produced, or geographic location.

<> Resource: <http://www.nrcs.usda.gov/programs/csp/index.html>

### **PADEP Growing Greener Grants – May 16**

The Pennsylvania DEP has announced that Growing Greener Watershed Applications for the 2008 round of funding are now available. The application deadline is May 16. For the upcoming grant round, DEP will invest in projects that will ultimately protect and/or restore Pennsylvania's watersheds from impairment due to nonpoint source pollution. Examples of eligible projects could include reducing nonpoint source pollution in watersheds where streams are impaired; integrating stormwater management and flood protection into watershed management; encouraging the beneficial use of abandoned mine pool water; and water conservation strategies and projects that will help reduce Total Maximum Daily Load pollutants. <http://www.depweb.state.pa.us/growinggreener/site/default.asp>

### **PA Invasive Species Volunteer Monitoring Training – May 17**

Pennsylvania Sea Grant, Mansfield University and the Army Corps of Engineers are offering a special training session for volunteers interested in joining the Pennsylvania Zebra and Quagga Mussel Monitoring Network. The meeting will be held on May 17 at Mansfield University of Pennsylvania, Mansfield, PA. Volunteers will be asked to visit a high risk location, such as a public boat launch or downstream from a known source of mussels, and report the presence or absence of mussels each month of the warm season (until about October). No prior experience is needed. All materials including a DVD training video and monitoring manual will be provided. <http://seagrant.psu.edu/zm/>

### **Sustainable Infrastructure Forum for Water and Wastewater – May 20**

On Tuesday, May 20 - Thursday, May 22, 2008 the Environmental Finance Center will host a Sustainable Infrastructure Forum for EPA Region 3 and Region 4. State and local groups with an interest in Sustainable Infrastructure are encouraged to attend, however workshop registration is limited and available on a first-come, first-served basis. For registration and more information please visit [www.efc.umd.edu](http://www.efc.umd.edu).

### **PennVEST Infrastructure Loans/Grants**

The Pennsylvania Infrastructure Investment Authority published revised cutoff dates for submitting applications for water, wastewater, stormwater and other project funding:

- May 20 for the July 14 board meeting
- August 18 for the October 27 board meeting
- November 17 for the January 26, 2009 board meeting
- February 16, 2009 for the April 20, 2009 board meeting

<> Resource: <http://www.pennvest.state.pa.us/pennvest/cwp/browse.asp?A=4>

### **Kodak American Greenways Awards Program – June 15**

The Kodak American Greenways Awards Program, a partnership project of the Eastman Kodak Company and the Conservation Fund, provides small grants to stimulate the planning and design of greenways in communities throughout America. In general, grants can be used for all appropriate expenses needed to complete a greenway project including planning, technical assistance, legal, and other costs. Awards are primarily provided to local, regional, and statewide nonprofit organizations. Applications are accepted until June 15.

### **PA Boating Facilities Grant Program – Sep 30**

The Pennsylvania Fish and Boat Commission is now encouraging county and municipal governments interested in the planning, acquisition, development, expansion, or rehabilitation of public boating facilities to apply for funding through the Boating Facility Grant Program. The deadline for applications is September 30. The program is designed to help local governments provide or improve recreational boat access facilities in their communities that are open to the public. Private businesses, non-profit or not-for-profit organizations, and service clubs are not eligible for direct funding, but are encouraged to partner with their local government for funding. Applicants can seek grants for site

acquisition, project design and engineering, development, expansion and major rehabilitation of recreational boat access facilities.  
[http://www.fish.state.pa.us/promo/grants/boat\\_fac/00boatfac.htm](http://www.fish.state.pa.us/promo/grants/boat_fac/00boatfac.htm)

#### **Southcentral PA Riparian and Ag BMP Initiative**

The Capital Resource Conservation and Development (RC&D) Area Council, Inc. announces the availability of funding for farmers in Southcentral Pennsylvania to install various beneficial agricultural practices. The program, called the Regional Riparian and Ag BMP Initiative, provides cost share dollars for the installation of items such as fencing, watering systems and walkways on livestock farms. Priority will be given to those that incorporate rotational grazing systems in their operations. The program is available within the 17-county Chesapeake Bay drainage area served by the [DEP Southcentral Region](http://www.capitalrcd.org/noframes/documents/RR1%20Press%202-08.pdf). <http://www.capitalrcd.org/noframes/documents/RR1%20Press%202-08.pdf>

#### **New Watershed Academy Module – Sustainable Funding Plans**

EPA's Watershed Academy has posted a new Watershed Academy Web on-line training module on "Developing a Sustainable Finance Plan." This training module is designed to help watershed organizations develop and implement sustainable funding plans. Case studies are included throughout the module to provide real examples of finance strategies employed by nonprofit watershed organizations in the U.S. This module was developed by EPA's Office of Wetlands, Oceans and Watersheds Sustainable Finance Team in cooperation with the Watershed Academy. Fifty other training modules on a wide variety of watershed topics are also available at [www.epa.gov/watertrain](http://www.epa.gov/watertrain). To view the module, visit: [www.epa.gov/watertrain/sustainablefinance/](http://www.epa.gov/watertrain/sustainablefinance/).

#### **IRS Updates, May 2008: Intermediate Sanctions.**

Instructions for Filing the New Form 990, and More

Get the final regulations on intermediate sanction, let the IRS know what you think of the instructions for the new Form 990, find out how to get a nonprofit's 990-T, and check out the updated Form 990-N FAQs. Final Regulations on Intermediate Sanctions: If your organization is still struggling to understand fully the definition and implications of excess benefit transactions, take note. The IRS has issued its final regulations on intermediate sanctions, the penalty imposed on nonprofits that are deemed to have overcompensated CEOs, board members, and other "disqualified" individuals specified in the regulations. ... Read more [http://www.guidestar.org/news/features/irs\\_update\\_may08.jsp](http://www.guidestar.org/news/features/irs_update_may08.jsp)



### **WATERSHED PLANNING & POLICY**

#### **Governor's Sustainable Water Infrastructure Task Force Holds Hearing – May 8**

Members of the [Governor's Sustainable Water Infrastructure Task Force](http://www.governor.state.pa.us/sustainable-water-infrastructure-task-force) will hold its first public input meeting to gather comments on Pennsylvania's drinking water and wastewater infrastructure needs May 8 in Harrisburg. The meeting will be held in Room 105 of the Rachel Carson Building starting at 11:00 a.m. The Task Force is expected to hear from three groups of witnesses:

- Financial Resources: Carol Koslov, Public Utilitt Commission, Bruce Hottle, Pennsylvania Utility Contractors Association, Barbara Bisgaier, Public Financial Management;
- Innovative Measures: Charles Wunz, HRG Consulting, Bernard Sweeney, Ph. D., Stroud Water Research Center, John Schombert, 3 Rivers Wet Weather Project, Bob Wendelgass, Clean Water Action, Steve Moyer, Trout Unlimited; and
- Needs: Bernard Biga, Wyoming Valley Sanitary Authority, Jeff Hines, United Water Dennis Beck, Portage Municipal Water, Don Amadee, Buffalo Township Municipal Authority, Jim Hassinger, Southwest Pennsylvania Commission.

For more information, visit the [Governor's Sustainable Water Infrastructure Task Force webpage](http://www.governor.state.pa.us/sustainable-water-infrastructure-task-force) or contact Marcus Kohl, DEP, 717-783-7404 or send email to: [mkohl@state.pa.us](mailto:mkohl@state.pa.us).

#### **Saving \$ – Managing Water – May 22**

Regional and collaborative approaches to water, sewer, and stormwater management in Pennsylvania May 22, 2008, Hilton Harrisburg Hotel Harrisburg, PA. A conference sponsored by: [The Environmental Law Institute](http://www.environmentallawinstitute.org) & [10,000 Friends of Pennsylvania](http://www.10000friends.org). With support from: The William Penn Foundation & The Heinz Endowments. Pennsylvania is blessed with abundant water resources, but communities face many demands relating to management of stormwater, safe and efficient handling of sewage, public water supply, and land uses. In addressing these issues, Governor Rendell recently created the Sustainable Water Infrastructure Task Force to explore options for ensuring that Pennsylvania maintains a sustainable water and wastewater infrastructure. Later this year, the new State Water Plan will be released for public review, but many ideas and experiments are already underway. And currently, the Pennsylvania Department of Environmental Protection is revising the Act 537 Sewage Facilities Regulations. All three initiatives call for more collaboration and efficiency in water resource management. WHY ATTEND? Understanding the implications and opportunities presented by these recent initiatives is critical for leaders seeking to solve the state's water, sewer, and stormwater management and infrastructure needs. This workshop is intended as: A briefing on working examples of collaborative municipal and regional approaches to water management A forum for discussing the economic and development benefits of consolidating systems and implementing integrated water resources management and for sharing practical approaches to engage and educate the public on water resource issues An analysis of advantages and challenges to different methods for addressing stormwater issues and regional water resources planning An opportunity to identify upcoming and future policy initiatives and pending state activities that will affect implementation of regional and collaborative approaches to water resources management WHO SHOULD ATTEND? Elected officials, authority managers, watershed organizations, planners and engineers, and citizens interested in water resources. Register online at [www.eli.org/Program\\_Areas/Events/penn\\_water\\_05.22.08.cfm](http://www.eli.org/Program_Areas/Events/penn_water_05.22.08.cfm). Fore more information, contact Yen Hoang, Research Associate ([hoang@eli.org](mailto:hoang@eli.org); 202-939-3822) or Austin Kane, Science and Policy Analyst ([kane@eli.org](mailto:kane@eli.org); 202-939-3243).

#### **CBF, Other Groups Ask State To Be A Partner in Chesapeake Bay Cleanup Plan**

In testimony before the [House Republican Policy Committee](http://www.house.gov/committees/energyandcommerce) this week, the Chesapeake Bay Foundation, the Williamsport Sanitary Authority and other groups expressed their support for the proposed [Pennsylvania Fair Share for Clean Water Plan](http://www.chesapeakebay.org/clean-water-plan) that would help wastewater plant ratepayers and farmers finance improvements needed to reduce pollution in local rivers, streams, and the Chesapeake Bay. The hearing, co-chaired by Reps. Garth Everett (R-Lycoming), Steve Cappelli (R-Lycoming) and Mike Turzai (R-Allegheny), was held at Pennsylvania College of

Technology in Williamsport. Testifiers included the Chesapeake Bay Foundation, Department of Environmental Protection, Chesapeake Bay Commission, Williamsport Municipal Water Authority and Sanitary Authority, Lycoming County Water and Sewer Authority, the Williamsport/Lycoming Chamber of Commerce and the Lycoming County Commissioners' Office. CBF notes the states of Maryland and Virginia have committed over \$1.6 billion to help wastewater plants in the Bay watershed meet the new mandates, while Pennsylvania has not proposed a funding plan to meet the requirements. The Fair Share Plan is supported by a coalition of groups, including: CBF, Pennsylvania Municipal Authorities Association, Pennsylvania Farm Bureau, Pennsylvania Builders Association, Pennsylvania Association of Conservation Districts and others. The Pennsylvania Fair Share for Clean Water Plan proposes to invest \$170 million in 2008-09 in several ways to reduce the financial burden on ratepayers and farmers:

- \$100 million to help wastewater plants finance required improvements;
- \$50 million in direct cost share aid to farmers to install conservation practices (increase the cap on REAP farm tax credits to \$35 million and \$15 million in cost share grants);
- \$10 million to county conservation district to expand technical assistance to farmers;
- \$10 million to restore cuts to the Department of Agriculture budget in farm programs; and
- Reforms to the state's nutrient credit trading program that will help to make it a viable alternative to provide for both environmental improvements to water quality and sufficient future sewage capacity for new development.

CBF said each member of the Coalition supports the efforts to cleanup Pennsylvania's waters, they just want state government to be a partner in that effort so ratepayers and farmer families do not have to shoulder that burden alone. The Department of Revenue this week projected the Commonwealth will end this fiscal year on June 30 with a \$437 million surplus. [Marel Raub](#), Pennsylvania Director of the legislative [Chesapeake Bay Commission](#), outlined the federal Clean Water Act requirements and the steps taken to get Pennsylvania to this point in implementing the Chesapeake Bay Compliance Plan required by federal law and a federal court decision. Raub also said all sectors responsible for nutrient pollution—wastewater plants and agriculture—must be part of the solution. Rep. Scott Perry (R-Cumberland) has sponsored legislation—House Bill 2441 (not yet online) – to help ease the funding burden on taxpayers and local governments within the watershed. The legislation includes appropriating \$500 million over seven years to help local governments pay for needed plant upgrades and \$250 million over five years to help fund agricultural best management practices to reduce nutrient and sediment runoff. Reps. Dave Millard (R-Columbia), Sandra Major (R-Susquehanna), Tina Pickett (R-Bradford), Scott Hutchinson (R-Venango) and Adam Harris (R-Juniata) were also in attendance at the hearing. For more information on the Pennsylvania Fair Share Plan for Clean Water, visit the Fair Share Plan webpage at [http://www.cbf.org/site/News2?abbr=SB\\_News\\_&page=NewsArticle&id=32495](http://www.cbf.org/site/News2?abbr=SB_News_&page=NewsArticle&id=32495).

#### **Deer Creek Watershed Availability Study Available**

This report is available on our website at [www.srbc.net/planning](http://www.srbc.net/planning). For a CD Rom or for a hard copy, contact the Susquehanna River Basin Commission, 1721 N. Front Street, Harrisburg, Pa. 17102-2391, (717) 238-0423, FAX (717) 238-2436, E-mail: [srbc@srbc.net](mailto:srbc@srbc.net).

#### **New – Chesapeake Stormwater Network**

More new content has been added to the CSN website, which can be accessed at [www.chesapeakestormwater.net](http://www.chesapeakestormwater.net). This issue describes the new runoff reduction approach for stormwater, and presents, for the first time, the technical and scientific support that underlies it. Other new topics include:

- The state of the art in soil compaction research
- A new Bay-wide soil restoration specification for your review
- The feedback to date on the draft bioretention spec.

Also, click on the national update to find the five star stormwater research register, which tries to separate the weed from the chaff, and features some of the most important new papers and reports that will influence our field for years to come. Please take a moment to join CSN, which will allow you to get the latest stormwater news directly by e-mail in the future. If you are interested, please forward this to your colleagues. Thomas R. Schueler, Coordinator, Chesapeake Stormwater Network, 117 Ingleside Avenue, Baltimore, MD 21228



## **WATERSHED RESTORATION & PROTECTION**

#### **Nutrient Pollution Reductions From Urban Stream Restoration Quantified**

A team of researchers led by University of Maryland Center for Environmental Science researcher Dr. Sujay Kaushal has been among the first able to quantify the amount of excess nitrogen removed from an urban stream during environmental restoration projects. This breakthrough will allow environmental managers to accurately assess the pollution reducing benefits of stormwater management and urban stream restoration, and could lead to new nitrogen reduction opportunities as public works managers make repairs to our nation's aging urban infrastructure. Using state-of-the-art techniques in a long-term study, Kaushal's team injected stable isotope tracers into restored and unrestored sections of an urban stream, and measured how microbes in the streambanks naturally absorb nitrate and convert it into inert nitrogen gas. By analyzing those samples, the team was able to determine in-the-field nitrogen reductions by stream microbes through a process known as denitrification. The research showed that stream restoration techniques that "reconnected" the banks to the stream doubled nitrogen removal rates by microbes, and reduced nitrogen levels in ground water by 40%, contributing to significantly lower nitrogen levels in the stream compared to unrestored conditions. Getting water out of the stream channel into denitrification "hot spots" in floodplain wetlands helped improve water quality. Nationwide, there is a growing need to reduce the amount of nutrients flowing into our coastal waters and restoration efforts are booming in areas adjacent to large urban population centers with acute nitrogen pollution problems, such as near Chesapeake Bay, Long Island Sound, Puget Sound and the Gulf of Mexico. The article, "Effects of Stream Restoration on Denitrification in an Urbanizing Watershed," appears in the April edition of *Ecological Applications*, a journal of the Ecological Society of America. This work was supported by the U.S. Environmental Protection Agency Office of Research and Development and the National Science Foundation's Long-Term Ecological Research program. Adapted from materials provided by [University of Maryland Center for Environmental Science](#), via [EurekAlert!](#), a service of

### **Free May 8 Webcast on EPA's Draft Water Climate Change Strategy**

On Thursday, May 8, EPA will be hosting a free webcast from 2:30 to 4:30 pm EDT to discuss EPA's Draft National Water Program Strategy: Response to Climate Change. The agency recently distributed this draft strategy and is now seeking comment until May 27, 2008. The draft strategy represents an initial effort by EPA's National Water Program to identify potential impacts of climate change for clean water and drinking water programs, and to define actions both to adapt water programs to these impacts as well as to mitigate the release of greenhouse gases. The free webcast will highlight some of the key impacts on water resources and water programs, and key actions we are proposing. If you are interested in participating in this webcast or want a copy of the draft strategy go to <http://www.epa.gov/water/climatechange/>.

### **Free May 13th Webcast on Wetlands and Climate Change**

On Tuesday, May 13th, 2008, a free Watershed Academy Webcast, "Wetlands and Climate Change," will highlight the unique challenges that wetland habitats face including rising sea levels and variable temperature and precipitation patterns. Expert instructors will discuss the issue from diverse perspectives reflecting the multifaceted approach needed to address the challenges of climate change. EPA's Watershed Academy sponsors free, monthly Webcasts for watershed practitioners from around the globe. The Webcast will feature Dr. Virginia Burkett, Chief Scientist, Global Change Research at the U.S. Geological Survey; Peter Slovinsky, Coastal Geologist, Maine Geological Survey; Jim Powell, Water Quality Standards Section Manager, Alaska Department of Environmental Conservation; and David VanLuvan, Hudson River Estuary Landscape Director, The Nature Conservancy-Eastern NY Chapter. To register please visit: <http://www.epa.gov/watershedwebcasts>.

### **EPA's Watershed Planning Handbook Released**

EPA's Office of Wetlands, Oceans, and Watersheds recently released a new version of its watershed handbook to help communities, watershed organizations, and local, state, tribal, and federal environmental agencies develop and implement watershed plans to meet water quality standards and protect water resources. The Handbook for Developing Watershed Plans to Restore and Protect Our Waters is designed to help anyone undertaking a watershed planning effort, but should be particularly useful to communities working with waters that are impaired or threatened. The document will be printed in May and information on how to obtain a printed copy is available on our Web site. The Handbook is now available for download or reading on our Web site at: [www.epa.gov/owow/nps/watershed\\_handbook](http://www.epa.gov/owow/nps/watershed_handbook).

### **New Release – The Runoff Reduction Method**

The first official collaboration between the Center for Watershed Protection and Tom Schueler's post-Center venture, the Chesapeake Stormwater Network (CSN), the [Runoff Reduction Method Technical Memo](#) outlines an innovative system for stormwater design. The focus of the method is to determine the ability for the BMP to reduce the overall volume of runoff in addition to pollutant removal. The BMPs presented include both conventional and innovative practices (e.g., pervious parking, sheetflow to open space, green roofs, downspout disconnection). The method also incorporates built-in incentives for environmental site design, such as preserving forests and reducing soil disturbance and impervious cover. More information on Center website front page [www.cwp.org](http://www.cwp.org) and on CSN's web site [www.chesapeakestormwater.net](http://www.chesapeakestormwater.net).

### **Free Software Simulates Ground Water Interactions**

A new model to simulate ground-water and surface-water interactions has been released by the U.S. Geological Survey (USGS). The Ground-water and Surface-water FLOW (GSFLOW) model simultaneously accounts for climatic conditions, runoff across the land surface, subsurface flow and storage, and the connections among terrestrial systems, streams, lakes, wetlands, and ground water. GSFLOW can be used to examine issues such as: the effects of water-resource development on streamflow, wetlands, or ground-water resources of a watershed, how ground-water recharge and streamflow conditions will respond to changes in land use throughout a watershed, and how hydrologic conditions and aquatic resources of a watershed change in response to climate variability. The GSFLOW model will be an invaluable tool in examining water availability under the Survey's proposed Water for America Initiative. A major aspect of the Initiative, which plans to complete a comprehensive census of the Nation's water resources in the next ten years, is to investigate how ground water and surface water interactions affect the overall availability of the resource. GSFLOW is applicable to watersheds that range from a few square miles to several thousand, and for time periods that range from months to several decades. GSFLOW is based on the USGS Precipitation-Runoff Modeling System (PRMS) and the USGS Modular Ground-Water Flow Model (MODFLOW-2005). Many enhancements have been made to the PRMS and MODFLOW-2005 models to improve the simulation of watershed-scale processes, including enhanced representation of soil-zone and unsaturated-zone hydrologic processes. Initial applications of GSFLOW are underway in Pennsylvania, Wisconsin, California, and Nevada through the USGS Cooperative Water Program. Because of the complexity of the GSFLOW model, interdisciplinary teams of scientists are working on these important initial applications. GSFLOW is available free to all users by visiting: <http://water.usgs.gov/nrp/gwsoftware/gsfLOW/gsfLOW.html>

### **PA Bulletin – <http://www.pabulletin.com/secure/data/vol38/>**

[Volume 38, Number 15](#) Saturday, April 12, 2008 Pages 1693-1802

[Volume 38, Number 16](#) Saturday, April 19, 2008 Pages 1803-1916

[Volume 38, Number 17](#) Saturday, April 26, 2008 Pages 1917-2030

[Volume 38, Number 18](#) Saturday, May 3, 2008 Pages 2031-2138



## WATERSHED STEWARDSHIP

### Conservation Districts Celebrate Soil and Water Stewardship Week – Apr 27-May 4

Gov. Rendell this week proclaimed [Soil and Water Stewardship Week](#) in Pennsylvania-- April 27-May 4 and helping to celebrate were the [Pennsylvania Association of Conservation Districts](#) and the [State Conservation Commission](#) at the Stoneylawn Farm in Dauphin County. The theme of this year's observance is "Water is Life." In the proclamation, the Governor urged all Pennsylvanians to recognize the importance of ensuring that we are wise stewards of our water and soil resources for generations to come. The proclamation states that it is every citizen's duty to live responsibly, protecting these soils and water for the future. It also says that landowners, homeowners, farmers, and businesses have benefited from the help of Pennsylvania's sixty-six county conservation districts with more than 800 volunteer directors to help conserve vital soil and water resources, providing the state's citizens with a better quality of life. The proclamation also praises local conservation districts for excelling at reminding all Pennsylvanians of the power of each person to conserve natural resources and improve the world. PACD supports the awareness campaign to educate the public about the importance of responsible soil and water stewardship. Participation in Soil and Water Stewardship Week activities offers an opportunity to reflect on the state's renewable resource problems and consider actions to resolve them or reduce their impact. What can we do? Become aware of the water quality and quantity in your community. Sometimes we only think of the direct uses of water in our daily lives such as cooking, bathing, and watering our plants. Water is also needed to manufacture the steel in the car you drive, and to grow the cotton in the blue jeans you wear. Try these ideas to improve water quality and quantity:

- Save water by using dishwashers and washing machines only when they are fully loaded. Install a water-saving shower head and take short showers instead of baths;
- Wash cars infrequently and on the lawn so soapy water can be absorbed instead of running off into storm sewers;
- Use lawn and garden chemicals carefully. Read and follow all label directions. Use chemicals only as a last resort;
- Never apply more fertilizer than your lawn needs. Excess nutrients can runoff and add to water pollution; and
- Clean up pet wastes to prevent nutrients and bacteria from washing into waterways.

Soil and Water Stewardship Week is one of the largest national annual programs to promote conservation. For the past fifty-three years, a national network of conservation districts has helped Americans learn to conserve natural resources on a local level through this program. To learn more, visit the Soil and Water Stewardship Week webpage at <http://www.nacdnet.org/stewardship/2008/>.

### CLEANUP SEASON

There are three cleanups scheduled for the upcoming months. If you know of others please send info to me.

- **Saturday May 10th 8 am - 4 pm Saginaw, York County.** Some neighbors and I are organizing a river clean up along the Susquehanna. We are meeting at the parking area on the Saginaw side of Gut Road just under the railroad bridge (Jen's town). If you do not know where this is, please email or call for better directions. Saginaw is just outside of Mount Wolf, York County. A dumpster, trash bags, gloves and lunch will be provided by a grant through the Watershed Alliance of York (WAY). All ages are welcome. Come all day, or just for a couple hours. Tell all of your friends! E-mail or call and let me know if you can make it, or just show up! [friscojen@gmail.com](mailto:friscojen@gmail.com) 332-8643.
- **Saturday, June 7th Lower Susquehanna River Island Cleanup York/Lancaster.** Come join Shank's Mare Outfitters, Lower Susquehanna Riverkeeper, York County Conservation Alliance & Watershed Alliance of York for a cleanup of islands at Long Level, just south of Wrightsville. Officially the islands are in Lancaster, but we will be boating out from Shank's Mare Outfitters, on Long Level Rd, York. More info to come.
- **Saturday and Sunday, June 21st & 22nd, 9 to 5 Codorus Creek Cleanup, City of York.** Celebrate the Solstice and join the Codorus Creek Improvement Partnership, Stewards of the Lower Susquehanna, and the Watershed Alliance of York in the 7th Annual Codorus Cleanup. Each year CCIP picks a different section of the Codorus to clean up, and this year we are back to the city. In 2002 volunteers removed over 50 tons of debris during a 10-day cleanup in this area. Fortunately, it has not gotten nearly as bad as it was back then, but we still have some work to do.

### One Drop At A Time – New Resourceful Paradigms at 168 Elm Avenue

The general interest in sustainable – or green – options is growing. This includes the interest in water, one of our most important renewable resources. Water drives the health of our environment, but its functioning is often fundamentally misunderstood. This web page features the 168 Elm Ave. Pilot Project, which demonstrates sustainable rain water, stormwater, and runoff treatments at a residential scale. It offers resources that help fill the information gap by offering accessible, in-the-ground examples that demonstrate the feasibility of and confidence in sustainable landscape solutions. Seven different treatments are incorporated into the pilot project: 1) the GREEN ROOF, 2) the RAIN BARRELS, 3) the POROUS PAVEMENT, 4) the RAIN GARDENS, 5) the GRAVEL GRASS, 6) the CISTERN, and 7) the BIOSWALE. At that point, reduction of rainwater run-off became the primary unifying theme. An additional goal was reduction of (municipal) water usage. With a grant by the DuPage Community Foundation that financed the green roof, outreach and education became a goal as well. It was especially important to Marcus that we not only practiced sustainable landscaping, but also that this project serves as an example to others. Visit 168 Elm St. at: [www.delafleur.com/168\\_Elm/index.htm](http://www.delafleur.com/168_Elm/index.htm).

### DCNR warns of spring wildfire danger

Little rain and low humidity have contributed to a number of wildfires recently across the state, prompting a call for increased vigilance in this season of rapidly changing weather and rising fire dangers in the state's wealth of woodlands. Read more...

<http://www.dcnr.state.pa.us/news/resource/res2008/08-0423-firedanger.aspx>.

