



# 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 16

July 28, 2008

**QUOTE OF THE WEEK** – "We're toast if we don't get on a very different path...This is the last chance." –James Hansen, a top NASA scientist, spoke to Congress and the Associated Press exactly 20 years after warning the United States about global warming.

## 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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## WATERSHED ALLIANCE NEWS

### [Alliance for Aquatic Resource Monitoring \(ALLARM\)](http://www.dickinson.edu/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](http://www.alliancechesbay.org/) – [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](http://www.americanrivers.org) – [www.americanrivers.org](http://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

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

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

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

- Aug 28 – 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](mailto:info@codoruscreek.com)

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

- HELP-Buffers Program accepting applications for 2008 projects
  - Next Meeting: Oct, at Jeff Kuhn's River Roost
- <> Contact: Jim Leaman at 843-2929

### [Codorus Implementation Committee](http://www.ecoconstructionllc.net)

<> Contact: Jake Romig, Coordinator, 848-4717 or e-mail [jakeromig@ecoconstructionllc.net](mailto:jakeromig@ecoconstructionllc.net)

### [Condoguinet Creek Watershed Association](http://www.cumberlandcd.com/~amcclain/ccwa/) – <http://www.cumberlandcd.com/~amcclain/ccwa/>

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

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

- Sept.4 – 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](http://www.harfordcountymd.gov/PlanningZoning/WRAS) – [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](http://www.friendsofcodorus.org) – [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](mailto:FriendsLochRaven@aol.com) – [FriendsLochRaven@aol.com](mailto:FriendsLochRaven@aol.com)

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

### [Greater Hanover Alliance](mailto:pwingert@legacycaps.com) – [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](http://www.gunpowdervalley.org/) – [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](http://www.yorkchapter67iwa.org/)– [www.yorkchapter67iwa.org/](http://www.yorkchapter67iwa.org/)

<> Contact Lee Irwin 428-9368

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

<> Contact: Michael Helfrich, Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: [lowsusriver@hotmail.com](mailto:lowsusriver@hotmail.com).

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

- We will take the Trib Team on the road for the August 4th meeting to see a living wall. The living wall is located at a private residence, so we'll meet at the North East Branch Library and carpool to the site so we don't overwhelm the neighborhood. After the living wall visit we'll return to the library for presentations. Debbie Pusey will speak about Corsica River Rain Gardens. This link will take you to a fact sheet about the Corsica River project [www.epa.gov/reg3wapd/nps/pdf/success/md/corsica.pdf](http://www.epa.gov/reg3wapd/nps/pdf/success/md/corsica.pdf). Anne Guillette of the Low Impact Design

Studio will show a variety of onsite stormwater management designs. Here is a link to an article about site design [www.wbdg.org/resources/lidsitedesign.php](http://www.wbdg.org/resources/lidsitedesign.php) written by Anne. Where? North East Branch Library, 106 West Cecil Avenue, North East, Maryland 21901. Ph: 410-996-6269. Please park in the rear parking lot. Directions to the NE Library are here .. with a Google link to boot! [www.ebranch.cecil.lib.md.us/NorthEastDirections.htm](http://www.ebranch.cecil.lib.md.us/NorthEastDirections.htm).

<> 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](mailto:mbilek@dnr.state.md.us)

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

Important dates to remember...

- 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)

- Notification that the Prettyboy Bacteria TMDL is available for public review. The review period is from July 10 through August 8. The draft document can be found at

[http://www.mde.state.md.us/Programs/WaterPrograms/TMDL/Pub\\_Notice/TMDL\\_PN\\_PrettyboyReservoir\\_Bacteria.asp](http://www.mde.state.md.us/Programs/WaterPrograms/TMDL/Pub_Notice/TMDL_PN_PrettyboyReservoir_Bacteria.asp)

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

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

- 30<sup>th</sup> Anniversary Porch Show, 10:00 a.m. to 4:00 p.m., demonstrations, educational exhibits, food, music, and much, much more!
- 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](mailto:shanksmare@comcast.net)

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

- Apprenticeships – Spoutwood Farm Center, Inc., a community-supported agriculture and educational farm in Glen Rock, PA (southern York County), still has one and possibly two apprenticeships openings available for the remainder of the 2008 season (current thru November). Apprenticeships include a small stipend plus free vegetables; lodgings may be available. Apprentices are typically college grads or equivalent, who desire a full-immersion experience in sustainable agriculture/natural farming. We also have an unlimited number of openings for interns: interns do not receive a stipend but may receive college credit if desired, and may work shorter blocks of time if desired. Primitive camping available on-site, or be local. We are a non-certified, but "organic" in practice, produce farm supplying 100+ shareholders with vegetables each week. We also have educational programs through the School of Sustainable Living, including "backyard farming," sustainable living, and astronomy. Please contact us for further information on apprenticeships or internships. Thank you! Tom Harbold, Education and Work-and-Learn Coordinator ([spoutwoodedu@yahoo.com](mailto:spoutwoodedu@yahoo.com)).

- Oct. 5 – Mother Earth Harvest Fair

<> 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)

- Aug 13 – Chapter meeting, 7:00 pm, Club house, Porters Sidling

<> Contact: Tom Finenze at 840-1372 or [tom@codorustu.org](mailto:tom@codorustu.org)

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

- Aug 20 – 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)

- Aug 20 – Members meet, 4:30 pm. at the Adams County Ag Center, Gettysburg

<> Contact: Michelle Kirk 717-677-4628 or email at: [mkkirk@adamswatersheds.org](mailto:mkkirk@adamswatersheds.org)

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

- Oct 1 – Next Board Meeting, 7:00 PM, at CCIP (324 W. Market St., York, PA)
- Sep 27 & 28 – 6th Annual Watershed Weekend to be held September 27 and 28, 2008. The purpose of the Watershed Weekend is to increase public awareness about the importance of their watersheds. Watershed Weekend participation is open to all conservation, environmental, sportsmen, and watershed groups, nonprofit organizations, and governing agencies in Maryland's Upper West Shore of Maryland and Pennsylvania's Lower Susquehanna River regions, of the Chesapeake Bay Watershed. Registration opens June 16, 2008 and closes July 31st. There is no cost to register or participate. If you would like to sponsor a venue, then please visit our web site at [www.watershedsyork.org](http://www.watershedsyork.org) to download and complete a registration form and mail or e-mail it to WAY, 118 Pleasant Acres Road, York, PA

17402 or e-mail Gary R. Peacock at [gpeacock@yorkccd.org](mailto:gpeacock@yorkccd.org). For more information about how to sponsor a Watershed Weekend venue, you may call Gary R. Peacock at (717) 840-7430 or e-mail. We hope you choose to sponsor a venue and be a part of the 6th Annual Watershed Weekend 2008.

- 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)

York County Community Foundation knows how important grants are to area nonprofits. That's why we're hosting two Grant Information Sessions to teach you how to apply for a grant. We will also give you some tips to bolster your chances for submitting a great application. If you are a nonprofit and you have programs that need support, come hear what we have to say!

- Session 1 in Hanover: Tuesday, August 12, Guthrie Memorial Library - Hanover's Public Library, 9-10 am
- Session 2 in York: Thursday, August 14, York County Community Foundation, 9-10 am.

Please RSVP to [mwalker@yccf.org](mailto:mwalker@yccf.org) by Friday, August 8, for either session. For more information, you can also visit us online at [www.yccf.org](http://www.yccf.org) and click on the RECEIVE tab, or give us a call at 717.848.3733.

- <> 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)

- Aug 14 – District Board of Directors meeting, 7:00 pm, at ANNEX
- <> 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)

- Aug 5 – 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](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**

### **Teachers: Susquehanna Aquatic Biodiversity Network Workshop August 4-8**

The Pennsylvania Sea Grant Program is sponsoring a five-day teacher development workshop for middle and high school teachers on the Aquatic Biodiversity of the Susquehanna River August 4-8 in Towanda, Pa. This field, lab, and classroom course will provide you and your students with the opportunity to team-up with practicing scientists to explore aquatic biodiversity issues in the context of the Susquehanna Watershed and the Chesapeake Bay. The Susquehanna Biodiversity Network activities will help teachers provide students with: meaningful lab and field experiences and real world monitoring that will document native crayfish, freshwater mussels and aquatic invasive species; Participants will receive many valuable resources including: a Pennsylvania standards-based activity guide, an introduction to using Google Earth satellite imagery software, collecting equipment, and field guides and schools participating in the monitoring network will also be eligible to receive hand-held global positioning units and field trip implementation grants. For more information, download the Aquatic Biodiversity of the Susquehanna River brochure or contact Ann Faulds at 215-806-0894 or send email to: [afaulds@psu.edu](mailto:afaulds@psu.edu)

### **A Day of Stormwater Seminar, Tour and Summit - Aug 14**

Three separate events are planned for the stormwater community

- Stormwater Seminar- Monitoring and Inspection of Stormwater BMPs 9:00-11:00 CEER 001 Lessons learned through the VUSP and PERT Demonstration / Research BMPs – Researchers from the Villanova and Temple will present lessons learned from research that can be applied to municipal BMP inspection and monitoring programs. REGISTRATION - (Click Here) Seating is limited - \$20 fee (Prior to 11 Aug)
- Walking Tour of the Villanova University Stormwater BMP Demonstration and Research Park 11:00-12:30 Entrance CEER Building Tour will include Green Infrastructure BMPs to include pervious concrete and porous asphalt, green roof, infiltration trench, stormwater wetland, bioinfiltration and a stormwater wetland. (Free – no registration required – wear comfortable footwear)
- Congressman Sestak - Pennsylvania 7th Congressional District Summit ~ Emergency Preparedness and Watershed Management 2:00-5:00 Connelly Center - Cinema
  - Part I - Stormwater / Watershed Management. Panelist TBD but will include Villanova and Temple researchers, as well as representatives from PaDEP, the USCOE, and EPA
  - Part II – Flood / Emergency Preparedness. Panelist TBD (Free – no registration required ).

Note: lunch will be on your own. Updates will be available through this site [http://www3.villanova.edu/VUSP/events/2008\\_Stormwater.htm](http://www3.villanova.edu/VUSP/events/2008_Stormwater.htm).

### **2008 Governor's Grants Conference – Sep 8**

The 2008 Governor's Grants Conference provides the most efficient way for Marylanders to gain knowledge and understanding of current trends and best practices in the grants profession. It is ideal for learning how to position grant applications in a competitive manner as well as learning the best ways to find, win and manage grants. This year, the conference is "going green." The conference site, registration process, and presentations all fit within the "Green Conference" guidelines set by the U.S. Environmental Protection Agency. The conference will consist of grantor panels, examples of winning applications, training sessions, information on changes in government funding and quality networking opportunities. Attendance is recommended for grants managers and writers, program managers, fiscal officers, auditors and non-profit personnel. The conference will be held on September 8, at the University of Maryland University Conference Center in Adelphi. To view the agenda and obtain registration information please visit: <http://www.gov.state.md.us/grants/2008conference.html>

### **Water Quality Modeling Workshop in Baltimore – Sep 9&10**

EPA will convene a 2-day water quality modeling workshop, "Water Quality Modeling to Support Management Actions," from September 9 to 10, 2008, at the University of Maryland in Baltimore. The meeting is being coordinated with a Water Environment Federation (WEF) Total Maximum Daily Load (TMDL) conference scheduled for September 11, 2008. Attendees of the workshop will obtain an understanding of EPA-supported models that can be used to address regulatory and water quality planning objectives. The workshop will focus on tools available to meet multiple objectives like watershed planning, smart growth, trading, TMDL development, and National Pollutant Discharge Elimination System (NPDES) permit development. The workshop will identify objectives that can be addressed within EPA's BASINS environment and provide participants with an opportunity to provide feedback to guide future development of BASINS and other modeling-related tools. (BASINS or "Better Assessment Science Integrating Point & Nonpoint Sources" is a multi-purpose environmental analysis system that integrates a geographical information system (GIS), national watershed data, and environmental assessment and modeling tools.) More information about the workshop is available at <http://www.epa.gov/waterscience/ftp/basins/training/training-200809.html>

### **EPA Region 3 Conference on Children's Health and the Environment – Sep 18-19**

Region 3 of the U.S. Environmental Protection Agency will sponsor its annual Children's Environmental Health Conference in Philadelphia on September 18-19. The Conference will be held at the Perelman Quadrangle at the University of Pennsylvania in cooperation with the Mid-Atlantic Center for Children's Health and the Environment. The goal of the Conference is to advance the goal of working with regional partners to mitigate the adverse impact of environmental pollutants on the health of children within the Mid-Atlantic States and beyond. The first day of the conference will include a guided tour of the John Heinz National Wildlife Refuge at Tinicum. On the second day, we will focus on engaging discussions on Children's Environmental Health. For more information and to register, visit the Children's Environmental Health Conference webpage at <http://www.gwu.edu/~macche/philadelphiaconference08/>.

### **PA Greenways and Trails Summit – Sep 28-30**

The Department of Conservation and Natural Resources and the PA Recreation and Park Society is sponsoring a PA Greenways and Trails Summit on September 28-30 at The Inn at Pocono Manor, Pocono Manor, Pa. The theme of this year's Summit is "Greenways and Trails: Your Path to Active Living," with the program focusing largely on the health connection between wellness and trails. In addition to statewide partners, local organizations such as the Wyoming Valley Wellness Trails Partnership are leading the way with practical approaches to connecting with local citizens. The Summit will again feature a solid mix of well-known general session speakers, breakout sessions, and mobile workshops that bring the best in education and technical assistance to benefit managers and organizations across the Commonwealth who are responsible for the wealth of greenways and trails. The agenda includes a set of facilitated forums and a networking lunch to gather ideas and opportunities for feedback from participants. Keynote speakers include DCNR Secretary Michael DiBerardinis as well as former

Pittsburgh Mayor Tom Murphy will lead off on Monday morning to share his ideas and secrets of success in the "Steel City" in developing an expanded city-wide trail system. Trail and wellness expert Mark Fenton will be a featured luncheon speaker to highlight his outstanding work in Pennsylvania. Finally, Pennsylvania Outdoor Life co-host Don Jacobs will entertain the group at dinner on Monday evening. To complement the strong education offerings, the Summit will feature several networking and social opportunities starting with a Sunday evening reception with entertainment by The Shenandoah Allstar Band; a Monday networking luncheon; and a Tuesday evening social featuring Willy Jack and the Northern Light band. For more information, download the PA Greenways and Trails Summit brochure and visit the Pennsylvania Environmental Council website for a guide to registration at <http://www.pecpa.org/node/348>.

### **B-WET Grant Workshops to be Held this Summer – Oct 3**

The NOAA Chesapeake Bay Office will hold several summer workshops for local, regional and state organizations that plan to apply for 2009 Chesapeake Bay Watershed Education and Training (B-WET) grants. Workshops will be held throughout the summer in Maryland, Virginia and Washington, D.C. Two webinars will also be held for those who cannot make the in-person workshops. The workshops will feature background information on B-WET and tips on putting together a successful application. NOAA Chesapeake Bay Office education staff will be on hand to answer specific questions about applications. The NOAA Chesapeake Bay B-WET Program provides critical funding for hands-on watershed education for students and teachers. NOAA B-WET supports the Bay Program's goal to provide every student in the watershed with a meaningful watershed education experience before graduating high school. Applications for 2009 B-WET grants are due October 3, 2008. Typical awards range from \$25,000 to \$200,000 annually for up to three years. Read more... [http://archive.chesapeakebay.net/news/B-WET\\_grant\\_workshops.pdf](http://archive.chesapeakebay.net/news/B-WET_grant_workshops.pdf).

### **Educational materials for kids and teachers A Day in the Life of a Drop**

The WaterSense program announces an exciting new set of educational materials for kids and teachers A Day in the Life of a Drop teaches students about the connections between the sources of the water they use and how that use affects human health and the environment. These fun learning materials include a teachers' guide, two student worksheets, a spreadsheet to track water use at home, and a pledge for students and their families to filter out bad water habits. The new curriculum can be found on EPA's Web site at [www.epa.gov/watersense/water/drop.htm](http://www.epa.gov/watersense/water/drop.htm).

### **New Fish Kids website**

EPA's National Fish Advisory Program just released a new Fish Kids website ? a fun website that uses interactive stories and games to teach kids ages 8-12 about contaminants in fish and fish advisories. Whether they catch their own fish, or buy it at a store, kids and their families can use this site to learn how to choose fish wisely! Visit the site at <http://www.epa.gov/fishadvisories/kids/>.

### **Girl Scout Water Drop Patch Project is even Better**

The popular Water Drop Patch Project, co-produced by Girl Scouts of the USA and the Environmental Protection Agency is getting updated and improved. The manual, designed for adults use with Girl Scout Brownies through Ambassadors (grades 2-12) and divided into grade-level, age-appropriate watershed activities, now aligns to the new Girl Scout Leadership Experience. Updated information and new and expanded girl-head, learning by doing help Girl Scouts: discover, connect, and take action. Girl Scouts who complete the requisite number of activities receive a beautiful patch emblazoned with a white egret. For more information, visit: <http://www.epa.gov/adopt/patch/>. Free hard copies of the manual can be ordered by calling the National Service Center for Environmental Protection at 1-800-490-9198 or emailing: nscep@bps-lmit.com.(#EPA 840-B-07-001). Patches can be ordered from the GSUSA on-line store <http://goshop.girlscouts.org/gsusaonline/> or at Girl Scout council shops. The Water Drop Patch Project is nationally recognized as part of the Girl Scouts of the USA's Linking Girls to the Land program.

### **Trout, Trout, Trout (A Fish Chant)**

This fun book introduces children to the underwater world of fish found in North American rivers, streams and lakes. The vibrant illustrations depict dozens of fish species from the Sockeye salmon to the lesser known Frecklebelly Madtom. Purchase your copy today from Powells.com (<http://www.powells.com/biblio/1559719796?&PID=23831>) and a portion of the proceeds will be donated to American Rivers.

### **Learning Through Landscapes**

Learning through Landscapes helps schools and early years settings make the most of their outdoor spaces for play and learning. School grounds are essential to children's learning and development, providing opportunities for healthy exercise, creative play, making friends, learning through doing and getting in touch with the natural world. The organization believes all children have the right to enjoy and benefit from well designed, managed and used school grounds. Since 1990, Learning through Landscapes has been campaigning on behalf of all children for better school grounds. Read more at the resource link below. Resource: <http://www.ltl.org.uk>

### **EPA Issues Training Materials on Financing for Watersheds**

EPA's Office of Wetlands, Oceans and Watersheds has just released training materials designed to help nonprofit watershed organizations develop and implement sustainable funding plans. The training materials outline the six key steps of funding plan development, introduce several different fundraising options, and provide case studies of successful financing mechanisms. The goal of the training materials is to give nonprofit watershed organizations an effective process for creating finance plans to ensure their own sustainability, which in turn will help protect water quality. Read more... <http://www.epa.gov/watertrain/sustainablefinance/>.

### **Summer 2008 Mid-Atlantic Land Revitalization Update e-newsletter - Now Available on-line**

2008 Land Revitalization Update is a quarterly electronic newsletter highlighting news, resources and policies impacting cleanup and reuse of contaminated properties in the Mid-Atlantic region. To read the articles in this issue, click on the titles below. To subscribe or unsubscribe to this publication, see instructions at the bottom. To go directly to the Summer 2008 newsletter, click here:

<http://www.epa.gov/region03/revitalization/newsletter/summer08/newsletter.pdf>



## **WATERSHED FUNDING OPPORTUNITIES**

### **National Park Service Rivers, Trails, Conservation Program Grants – Aug 1**

The National Park Service Rivers, Trails, and Conservation Assistance Program has a new round of assistance available to partners to plan successful locally-led outdoor recreation and natural resource conservation projects. The deadline is August 1. The project applicant may be a state or local agency, tribe, non-profit organization, or citizens' group. Applicants are strongly encouraged to discuss their project with RTCA staff before sending in an application. <http://www.nps.gov/ncrc/programs/rtca/index.htm>

### **REAP Farm Conservation Tax Credit Applications – Aug 4**

Pennsylvania farmers now have a second opportunity to apply for the next round of Resource Enhancement and Protection Program (REAP) tax credits that rewards farmers for installing conservation practices to reduce erosion and sedimentation. Applications will be accepted starting August 4 with postmarks after July 30. Farmers can receive tax credits of up to \$150,000 per agricultural operation for 50 or 75 percent of the total cost of a conservation project, depending on the best management practice implemented. Farmers may also qualify for a 50 percent tax credit to purchase no-till planting equipment. Applicants are encouraged to work with local county conservation districts or the Natural Resources Conservation Service before applying to ensure current plans are in place for each farming operation.

<http://www.agriculture.state.pa.us/agriculture/cwp/view.asp?a=3&q=145155>

### **Green Building Alliance Announces Product Innovation Grants – Sep 12**

Green Building Alliance this week announced a total of \$140,000 in Product Innovation Grants for three projects that seek to develop and introduce new and enhanced green building products. A Request for Proposals for the third round of Product Innovation Grants was also released this week, with final proposals due September 12. Awards will be announced in December. GBA's Product Innovation Grants will expedite the commercialization of new building products within the fast growing green building market. The green building product market is estimated to be worth \$30 to \$40 billion annually by 2010. RFP: [http://www.pa-greenbuildingproducts.org/product\\_innovation\\_grants.aspx](http://www.pa-greenbuildingproducts.org/product_innovation_grants.aspx)

### **Green Community Affordable Housing Grants – Sep 18**

Grant Funds up to \$50,000 per project will be available beginning August 5 for developers committed to providing Green\* Affordable Housing. Applications must be received online by September 18. Awards are expected to be made by the first week of November. Grant guidelines and application available at [www.greencommunitiesonline.org](http://www.greencommunitiesonline.org)

### **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/OOboatfac.htm](http://www.fish.state.pa.us/promo/grants/boat_fac/OOboatfac.htm)

### **PPL Educational Grants Program – Oct 15**

PPL is accepting applications for its 2008 Environmental Education Grant Program which focuses on renewable energy and energy conservation projects. Applications are due October 15. Through these competitive grants, schools can receive from \$500 up to \$5,000 in funding for projects that focus on energy and environmental issues like renewable energy demonstrations, energy conservation and the greening of schools. All qualifying public, private and parochial schools near major PPL facilities are eligible to apply. Schools are strongly encouraged to partner with an organization, association or business that shares their interest in the environment, but the school must submit the application, receive the grant money and have primary responsibility for the project.

<http://www.pplweb.com/community+partners/our+education+programs/environmental+education+grants.htm>

### **Guidelines for EPA's 2009 Brownfields Assessment, RLF and Cleanup grants - Nov**

The guidelines for EPA's 2009 Brownfields Assessment, RLF and Cleanup grants will be released in August 2008. Proposals will be due sometime in November 2008. Extensive changes to the guidelines and application process are being introduced in 2009. If you are thinking of applying for an EPA brownfields grant this year, we strongly encourage you attend one of four workshops being held to assist applicants in the Mid-Atlantic Region. Please refer to the attached announcement for information on each of the application assistance sessions September 17, 18 & 19, 2008:

- September 17, 2008 – Assessment Grant Application Guidelines
- September 18, 2008 – Cleanup and RLF Grant Application Guidelines
- September 19, 2008 – Overflow Session

More details will be distributed when the webinars are finalized. Check EPA's Mid-Atlantic Brownfields web site for updated information: [www.epa.gov/reg3hwmd/bfs/](http://www.epa.gov/reg3hwmd/bfs/). For general questions regarding EPA's grant proposal process, please feel free to give me a call. Kristeen Gaffney, Brownfields and Land Revitalization, U.S. EPA, Region 3, 1650 Arch Street (3HS51), Philadelphia, PA 19103. Ph: (215) 814-2092. Fax: (215) 814-3001

### **Sportfishing Projects Funded in the U.S. and Canada**

The FishAmerica Foundation helps keep our fish and waters healthy and improve sportfishing by awarding grants to local communities to invest in sportfish conservation and research. The Foundation's Conservation Grants Program provides funding for hands-on projects at the local level across the United States and Canada. Areas of interest include sportfish population enhancement, sportfish habitat restoration, water quality issues, and family fishing waters improvement projects. Requests for Conservation Grants may be submitted throughout the

year. Visit the website listed above to review the funding guidelines and to download the application form. FishAmerica Foundation: Conservation Grants Program (<http://www.fishamerica.org/grants/>).

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

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

- 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

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

#### **NEW RESOURCES AVAILABLE TO HELP CLEAN UP LEAKING, UNDERGROUND HEATING OIL TANKS**

Anyone who owns a leaking underground heating oil tank that holds up to 3,000 gallons can apply for financial assistance to help pay for corrective actions, the Department of Environmental Protection said today. DEP has streamlined the grant application process and has eliminated a requirement that the application be notarized. Additionally, the application form's length has been reduced from four pages to two. Up to \$500,000 per year is available for grants through the underground heating oil tank cleanup reimbursement program for those who own tanks that have experienced a leak anytime since Jan. 30, 1998. The tanks must have a capacity of 3,000 gallons or less and be used to store heating oil that is consumed on the site where it is stored. The reimbursement is limited to the actual costs of corrective action or \$4,000, whichever is less. A \$1,000 deductible must first be paid by the tank owner. The reimbursement and deductible apply on a per tank basis. Costs that are eligible for reimbursement include excavating, emptying, cleaning, removing, transporting and disposing of a leaking storage tank; excavating contaminated soil; soil and water sampling and analysis; transporting and disposing wastes; and restoring disturbed or contaminated areas by backfilling, grading and re-vegetating. The costs associated with removing underground storage tanks that have not leaked or repairing aboveground heating oil tanks—including those located in basements or cellars—are not eligible for reimbursement. For more information about the program, visit [www.depweb.state.pa.us](http://www.depweb.state.pa.us), keyword: "storage tank cleanup," or e-mail [tankcleanup@state.pa.us](mailto:tankcleanup@state.pa.us). Information is also available by calling 717-783-9475 or any DEP regional office. Regional office numbers can be located by clicking the appropriate region of the map on the left side on DEP's homepage.



### ***WATERSHED PLANNING & POLICY***

#### **Trying To Save World's Lakes: Controlling Nitrogen Can Actually Worsen Problems**

After completing one of the longest running experiments ever done on a lake, researchers from the University of Alberta, University of Minnesota and the Freshwater Institute, contend that nitrogen control, in which the European Union and many other jurisdictions around the world are investing millions of dollars, is not effective and in fact, may actually increase the problem of cultural eutrophication. The dramatic rise in cultural eutrophication – the addition of nutrients to a body of water due to human activity that often causes huge algal blooms, fish kills and other problems in lakes throughout the world – has resulted from increased deposits of nutrients to lakes, largely from human sewage and agricultural wastes. For 37 years researchers looked at Lake 227, a small lake in the Canadian Shield at the Experimental Lakes Area (ELA) in Ontario, Canada, and examined the best ways to control the cultural eutrophication process of lakes by varying the levels of phosphorous and nitrogen added to the lake. What was found goes against the practices of the European Union and many scientists around the world. Controlling nitrogen does not correct the polluted lakes, and in fact, may actually aggravate the problem and make it worse. A previous study, entitled, A Survey of the State of the World's Lakes, found that the cultural eutrophication of lakes has had a global effect. The continent percentage of lakes with cultural eutrophication were shown as: Asia: 54%; Europe: 53%; North America: 48%; South America: 41%; and Africa: 28%. The damage to these lakes is a major concern for virtually every continent. The impact on human society is immense he says, as cultural eutrophication severely reduces water quality, which not only kills and contaminates fish, shellfish and other animals, but also can become a health-related problem in humans once it begins to interfere with drinking water treatment. This study appears in the journal Proceedings of the National Academy of Sciences (PNAS). Adapted from materials provided by University of Alberta.

#### **Investing in Clean Water, Improved Infrastructure**

Pennsylvania will provide up to \$1.2 billion in new investments to ensure safe, clean water and safer communities under legislation signed by the Governor in Mechanicsburg. One bill will provide \$800 million over the next 10 years for critical water, sewer, flood control projects and repairs to unsafe, high-hazard dams. The other bill will place a referendum on the November ballot asking voters to approve an additional \$400 million for improvements in public drinking water and wastewater systems. Read more...

[http://www.portal.state.pa.us/portal/server.pt?open=514&objID=431159&mode=2&contentid=http://pubcontent.state.pa.us/publishedcontent/publish/portlet\\_templates/templates\\_det\\_pt/enterprise\\_latest\\_news\\_releases/news\\_releases/pennsylvania\\_s\\_citizens\\_communities\\_to\\_benefit\\_from\\_cleaner\\_water\\_improved\\_infrastructure\\_as\\_governor\\_rendell\\_signs\\_s\\_b\\_2\\_s\\_b\\_1341.html](http://www.portal.state.pa.us/portal/server.pt?open=514&objID=431159&mode=2&contentid=http://pubcontent.state.pa.us/publishedcontent/publish/portlet_templates/templates_det_pt/enterprise_latest_news_releases/news_releases/pennsylvania_s_citizens_communities_to_benefit_from_cleaner_water_improved_infrastructure_as_governor_rendell_signs_s_b_2_s_b_1341.html)

#### **WaterSense New Homes Specification Released**

The WaterSense program has announced a draft specification for water-efficient single-family new homes that provides the criteria new homes will need to meet to be certified and labeled under the WaterSense program. WaterSense labeled new homes will combine WaterSense labeled products with other water-efficient fixtures and practices to reduce the amount of water used by approximately 20 percent. EPA is inviting all interested parties to provide comments during the 60 day comment period which ends on July 21, 2008. Please send any comments or suggestions regarding this draft specification to [watersense-newhomes@erg.com](mailto:watersense-newhomes@erg.com). If you have questions about the draft specification for water-efficient single-family new homes or joining WaterSense, please contact the WaterSense Helpline at (866) WTR-SENS (987-7367) or e-mail [watersense-newhomes@erg.com](mailto:watersense-newhomes@erg.com).

#### **Task Force Working on Maryland's First Statewide Comprehensive Plan**

As Democratic Governor Patrick O'Malley's low-profile Task Force on the Future for Growth and Development lays the foundation for the state's

first 20-year comprehensive plan, reports Washington Post writer Miranda S. Spivack, his Secretary of Planning Richard E. Hall is assuring county and municipal officials, vested in and insistent on local land-use control, that the state doesn't intend to dictate anything, but simply to set guiding principles that would discourage sprawl and promote denser development near transit, schools, water supplies and other amenities. Read more...<http://www.smartgrowth.org/news/newsmail.asp?art=6719&state=21>

#### **Pennsylvania's on-lot septic regulations undergoing revision**

DEP is currently in the process of revising its regulations governing on-lot septic systems. To date, the department has released draft versions of Chapters 72 (dealing with sewage facilities permitting and certification/duties of sewage enforcement officers) and 73 (relating to standards for on-lot septic systems). The revised Chapter 72 includes changes in the permitting structure for on-lot septic systems, with categories created for minor permits (for repairs and modifications to existing systems) and major permits (for new construction or changes to existing systems involving wholesale addition or replacement of system components). The revisions also requires municipalities to certify in writing that they are responsible for the long-term operation and maintenance of on-lot septic systems with secondary or advanced treatment, and for all pressure-dosed systems. Chapter 73 revisions would tighten the standards for determining the characteristics of the proposed sewage area/septic absorption field and significantly affect site feasibility parameters. It also will make a number of testing and maintenance requirements for on-lot septic systems. Visit [222.dep.state.pa.us](http://222.dep.state.pa.us), key word "Septic Systems".



### **WATERSHED RESTORATION & PROTECTION**

#### **Air Pollution Causing Widespread And Serious Impacts To Ecosystems In Eastern United States**

If you are living in the eastern United States, the environment around you is being harmed by air pollution. From Adirondack forests and Shenandoah streams to Appalachian wetlands and the Chesapeake Bay, a new report by the Cary Institute of Ecosystem Studies and The Nature Conservancy has found that air pollution is degrading every major ecosystem type in the northeastern and mid-Atlantic United States. The report, Threats From Above: Air Pollution Impacts on Ecosystems and Biological Diversity in the Eastern United States, is the first to analyze the large-scale effects that four air pollutants are having across a broad range of habitat types. The majority of recent studies focus on one individual pollutant. Over 32 experts contributed to the effort; the prognosis is not good. The pollutants assessed – sulfur, nitrogen, mercury, and ground-level ozone – largely originate from smokestacks, tailpipes, and agricultural operations. While initially airborne, these pollutants eventually return to the landscape, where they contaminate the soil and water. Airborne emissions can travel long distances before making their way back to the ground. Because the eastern United States is downwind from large industrial and urban pollution sources, it receives the highest levels of deposited air pollution in North America. This is bad news for vulnerable wildlife, forest productivity, soil health, water resources, and ultimately, economies. Deposited pollutants have tangible human impacts. Mercury contamination results in fish that are unsafe to eat. Acidification kills fish and strips nutrients from soils. Excess nitrogen pollutes estuaries, to the detriment of coastal fisheries. And ground-level ozone reduces plant growth, a threat to forestry and agriculture. At the heart of the report is a call to action. Currently, U.S. air quality standards are determined by direct impacts to human health, with regulations targeting emission levels – what leaves tail pipes and smoke stacks. They do not take into account where airborne pollution is actually deposited in the landscape or how this pollution compromises our soil and water resources and resident plants and animals. The authors urge U.S. policymakers to establish air quality standards that are based on critical loads. View the report at [http://www.ecostudies.org/Threats from Above.pdf](http://www.ecostudies.org/Threats_from_Above.pdf).

#### **PA Groups Call for Targeted Farm Conservation Help From 2008 Farm Bill**

Farm and environmental groups from Pennsylvania participated in a listening session this week by the U.S. Natural Resource Conservation Service on setting spending priorities for the new funding provided in the 2008 Farm Bill for farm conservation in the Chesapeake Bay Watershed. The Department of Agriculture, Chesapeake Bay Foundation, PA Farm Bureau, Grange and the PA Association of Conservation Districts all provided comments and were remarkably similar in their recommendations. Pennsylvania's Chesapeake Bay Compliance Plan requires the removal of 25 million pounds of nutrient pollution farmlands in the watershed and that farmers need assistance to meet this goal. Pennsylvania's new 2008-09 budget that started July 1 provided over \$1.2 billion in water infrastructure funding, including for wastewater plant upgrades, but provided no additional funding for farm conservation, in fact, it included some cuts. Pennsylvania's compliance efforts to date and recommended four overall funding priorities—Streamside Buffers, Cover Crops, No-Till Farming, and Nutrient Management Planning.

#### **New StormwaterPA Website Features Online Video Case Studies, BMPs, More**

The Department of Environmental Protection this week launched a new StormwaterPA website to help municipalities throughout the Commonwealth apply the most effective, proven techniques in stormwater management. Flooding, erosion, polluted waterways and economic loss caused by stormwater affects communities all across Pennsylvania. Communities must match the tools available to the problems they have and that's where StormwaterPA comes in. StormwaterPA is an essential reference that provides case studies, resource materials, and no-nonsense guidance to municipal officials, planners, engineers, builders, and other interested parties—all derived from experts working around the state to implement stormwater best management practices that improve our environmental, economic, and public health. The website is based on the Stormwater Best Management Practices Manual developed by DEP that contains a wealth of technical information on practices communities can adopt. The conceptual development of StormwaterPA was guided by a Core Advisory Team comprised of members of Cahill Associates, Chesapeake Bay Foundation, Clean Water Action, Delaware Riverkeeper Network, and North Coventry Township. StormwaterPA is a production of GreenTreks Network, Inc., a Philadelphia-based non-profit communications organization whose mission is moving people towards a more sustainable world. For more information, visit DEP's Stormwater Management Program webpage and the StormwaterPA website at [www.stormwaterpa.org](http://www.stormwaterpa.org).

#### **"Conserving America's Wetlands" 2008 Report Available**

On Earth Day 2004 the Council on Environmental Quality established a national wetland initiative which included: restoring or creating at least one million wetland acres, improving or enhancing at least one million wetland acres, and protecting at least one million wetland acres. All of

these goals were set to be accomplished by Earth Day 2009; however, on Earth Day 2008 the council reported each goal had already been surpassed with approximately 1,197,000 acres restored or created, 1,079,000 acres improved, and 1,324,000 acres protected. Read more... <http://www.whitehouse.gov/ceq/wetlands/2008/index.html>

#### **Proposed Vessel Discharge Permits**

EPA is proposing two general permits under the Clean Water Act that will cover discharges incidental to the normal operation of commercial and recreational vessels. Based on agency estimates, as many as 91,000 commercial vessels and about 13 million recreational boats could be affected. EPA is inviting comments on both proposed permits for a period of 45 days and has scheduled public meetings, a webcast, and a public hearing to discuss these proposed permits. Read more... [http://cfpub.epa.gov/npdes/home.cfm?program\\_id=350](http://cfpub.epa.gov/npdes/home.cfm?program_id=350).

#### **Improved Data Exchange Now Includes Biological and Habitat Water Data**

The Office of Water is pleased to announce the release of the Water Quality Exchange (WQX ) version 2.0, a data transfer system which now allows states, tribes and other organizations to share their biological and habitat monitoring results. Since February 2007, WQX version 1.0 has provided a way for states, tribes, and other organizations to share physical, chemical and fish tissue water monitoring data. Because many monitoring programs use biological and habitat data as the basis for assessing water quality, WQX version 2.0 enhances the richness of information available for data sharing, analysis, and improved decision making by watershed managers. All data shared using the WQX framework can be accessed on-line in the STORET Data Warehouse, EPA's repository for water quality data. Please visit <http://www.epa.gov/storet/wqx.html> for more information.

#### **PA Bulletin - <http://www.pabulletin.com/>**

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### **WATERSHED STEWARDSHIP**

#### **Majority of Trout Anglers Satisfied With Fishing Experience**

The overwhelming majority of Pennsylvania trout anglers were satisfied with their trout fishing experiences in Pennsylvania in 2007, according to survey results released this week by the Fish and Boat Commission. According to the survey, 84 percent of surveyed anglers enjoyed their trout fishing experiences in 2007. Only 13 percent were dissatisfied, most indicating they were somewhat dissatisfied. Ratings of the overall performance of the Commission among trout anglers were also positive: 74 percent of trout anglers giving the Commission a rating of excellent or good. The results of the study also indicated that a very large number of trout anglers, 92 percent, are satisfied with current trout fishing regulations and 65 percent support the two opening days. When choosing a location to fish for trout, the top-ranked consideration is that the location is stocked with trout (50 percent say it is very important). The majority of Pennsylvania trout anglers who fish at least half the time for stocked trout (63 percent) support the current management approach of stocking fewer, but larger trout. The study, conducted by Virginia-based Responsive Management, entailed a telephone survey of 1,562 licensed Pennsylvania anglers ages 16 and older who fished for trout in 2007. The sample of trout anglers consisted of anglers who had purchased either a Combination Trout-Salmon/Lake Erie Permit or a Trout-Salmon Stamp. A copy of the survey results are available online at [http://www.fish.state.pa.us/pafish/trout/survey\\_trout\\_fishing2008.pdf](http://www.fish.state.pa.us/pafish/trout/survey_trout_fishing2008.pdf).

#### **Susquehanna River Water Trail Recognized as National Recreation Trail**

In honor of National Trails Day and the 40th anniversary of the National Trails System, U.S. Secretary of the Interior Dirk Kempthorne recently designated 24 trails in 16 states as National Recreational Trails, including the middle and lower sections of the Susquehanna River Water Trail. The Middle and Lower Sections of Susquehanna River Water Trail, from Sunbury to the Maryland border, was one of only two National Recreation Trails designated this year in Pennsylvania. This portion of the Susquehanna River Water Trail, which is a 103-mile part of the larger 440 mile long Susquehanna Greenway in Pennsylvania, is one of only three water trails in the state to achieve National Recreation Trail status and joins a statewide NRT network of 51 trails totaling more than 1500 miles. The Susquehanna Greenway Partnership, on behalf of the Susquehanna River Trail Association and the Lancaster - York Heritage Region, spearheaded the effort to seek recognition of the water trail as a National Recreation Trail. The Middle Section of the Susquehanna River Water Trail, from Sunbury / Northumberland to Harrisburg, was the first water trail in Pennsylvania, established in 1996, and is managed by the Susquehanna River Trail Association. In cooperation with the Department of Conservation and Natural Resource's Bureau of Forestry, this segment of water trail has a network of 21 island campsites, and exciting features such as the Wade Island Heron Rookery, one of the most important nesting sites for the Great Egret in the state. A map and guide is available for the water trail at local retailers and outfitters. National Recreation Trails are components of the National Trails System and recognize already existing trails that connect people to resources and improve their quality of life. The program is jointly administered by the National Park Service Rivers, Trails, and Conservation Assistance Program and the U.S. Forest Service in conjunction with other federal and nonprofit partners, notably American Trails. These new additions become part of a national network of more than 1,000 trails encompassing more than 12,000 miles. For information on this and other water trails in Pennsylvania, visit the Fish and Boat Commission's Pennsylvania Water Trails webpage.

