



WAY E-NEWS

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

Volume 8, Issue 2

January 14, 2008

QUOTE OF THE WEEK – "If you really love the country, live in town." -- *Nature Conservancy specialist Randy Craft*

WATERSHED CONTACTS

COUNTY PLANNING – (717) 771-9870

ENVIRONMENTAL EMERGENCIES –
(800) 541-4741

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

ENVIRONMENTAL PROTECTION –
(877) 333-1904

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

FISHERIES PROTECTION –
(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 – Burning household garbage
- Dumping waste in surface waters*
- Floodplain disturbance
- Municipal and residential septic/sewage problems
- Stormwater management

NOXIOUS PLANTS – (717) 772-5209

RECYCLING – (717) 845-1066

SOIL & WATER CONSERVATION
(717) 840-7430

- Agricultural operations
- Erosion & sediment control
- Stormwater complaints
- Watershed protection

WETLANDS PROTECTION –
(717) 249-2522

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- Time is running out to register for the most important smart growth event of 2008! – Feb 7-9
- Protecting Watersheds in Developing Communities – Feb 21
- "Reducing Stormwater Costs through Low Impact Development (LID) Strategies and Practices"
- Carroll County to Address Land Preservation Concerns in Updated Comprehensive Plan
- Bill Allowing Moratoriums Give Municipal Leaders Time to Rewrite Outdated Land-Use Rules
- Smart Growth Implementation Toolkit
- Greening Parking Lots
- Wetlands and Watersheds Article Series: "A Local Ordinance to Protect Wetland Functions"

WATERSHED RESTORATION & PROTECTION – Page 8

- Chesapeake Bay Leaders Say 2010 Bay Cleanup Goal Will Not Be Met
- EPA's Chesapeake Bay Program Seeks to Preserve 100,000 Acres of Forests in PA
- EPA's Watershed Academy free Webcast on decentralized wastewater systems – Jan 16
- Register Now for Keystone Coldwater Conference – Feb 22-23
- NPDES Compliance Monitoring Strategy Released
- EPA Launches New Water Protection Indicators Webpage
- New Water Resources Publications by PSU Online
- Rock Snot Hitches Ride on Fishing Gear
- Environmental Concern 2008 Wetland Training Schedule COME LEARN WITH US...

WATERSHED STEWARDSHIP – Page 10

- Drought Watch Lifted in 34 Counties, 20 Counties Remain in Drought Watch
- County recycles water from toilet to tap
- Fairy Mural Bathroom Wins Top Award
- Wisconsin town holds annual 'Toilet Bowl'

WATERSHED ALLIANCE NEWS

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

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

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

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

Codorus Creek Improvement Partnership - www.codoruscreek.com

• Jan. 31 - 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

Codorus Creek Watershed Association - www.codoruscreek.net

• Jan. 14, 2008 - CCWA Board of Directors meeting 7:00 PM at York Water Company (Mt. Rose Ave.)

• 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

Conewago Canoe Club - www.conewagocanoecub.org

• Mar. 6 - 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 - ldmcdaniel@aol.com

• Deer Creek Watershed Restoration Action Strategy FINAL - www.harfordcountymd.gov/PlanningZoning/WRAS.

<> Contact Pat Pudelkewicz, Harford County Department of Planning & Zoning, Bel Air, MD. Ph: (410) 638-3135.

Friends of Codorus State Park - www.friendsofcodorus.org

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

Friends of Loch Raven Reservoir - FriendsLochRaven@aol.com

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

Greater Hanover Alliance - pwingert@legacycaps.com

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

Gunpowder Valley Conservancy - www.gunpowdervalley.org/

<> Resource: http://www.gunpowderfalls.org/2006/08/sept_16th_join_.html

Izaak Walton League York Chapter - www.yorkchapter67iwla.org/

• Feb. 12 - Board meeting, 7:00 pm, at Clubhouse

• Feb. 20 - 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

Lancaster-York Heritage Region - www.lyhr.org

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

info@lyhr.org.

Lower Susquehanna Riverkeeper - www.LowerSusquehannaRiverkeeper.org

• Jan. 17 - Next meeting of Board of Directors, 6:30 pm at our office, 324 W Market St in York, PA.

<> Contact: Michael Helfrich, Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: lawsusriver@hotmail.com.

Maryland's Upper West Shore Trib Team - www.dnr.state.md.us/bay/tribstrat/index.html

• Feb. 9 - 2008 Annual Meeting of Maryland's Tributary Teams will be at the Maryland Department of the Environment Montgomery Park Building, 1800 Washington St., Baltimore, MD. Registration information is available on-line at

<http://mddnr.chesapeakebay.net/basin/12thMeetingform.cfm>.

• BayStat Website - www.baystat.maryland.gov

• "Maryland's Chesapeake Bay Tributary Strategy Statewide Implementation Plan" - www.dnr.state.md.us/bay/tribstrat/implementation_plan.html

<> 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>

- Jan. 25 – Strategic Planning Retreat from 9am to 3pm, snow date, Feb. 1. Location – Judy Bono has graciously volunteered to host the retreat at her home. Please mark your calendars now for this important MAEscapes meeting. We will assess what we have done and create a strategy for the next few years. There will be lots of opportunity for discussion in a relaxed atmosphere. And what could be more inspiring than looking out on the Bono's woodland landscape in winter! Lunch will be a potluck. Please let me know by the first of the year if you will be attending the retreat and if you can bring a dish to share. Thanks to all of you for everything you have done for MAEscapes. Best wishes for the holidays, Connie.
- <> Contact: 717-840-7408 or Connie Schmotzer at cxs51@psu.edu

Prettyboy Watershed Alliance - www.prettyboywatershed.org

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

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

- Check our calendar of events link to our Website at for more information or call us toll free at 877-554-5080. All programs require advance registration and payment. "Member" rates are offered to our Adventure Club participants (\$25/year/household dues give a 10% in-shop discount, 5% additional discount on sale items, and "Member" rates on all programs).

Spoutwood Farm CSA - www.spoutwood.com

- Calling all volunteers! - We want to build next year's 2008 Mother Earth Harvest Fair soon. One of the first things to do is rally the troops. In order to do that we need to know who the troops are. So we're selecting some troops and want to give others the ability to self-select. If you would like on the committee (notification of meetings and new developments, untold benefits, etc.), please respond.
- <> Contact: www.spoutwood.com or contact: Rob Wood, 717-235-6610, Spoutwood@supernet.com

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

- <> Kim Anderson at sgfornyc@aol.com.

Susquehanna River Basin Commission - www.srbcc.net

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

- Feb 13 – Chapter meeting, 7:00 pm, Gander Mtn., York
- <> Contact: Tom Finenze at 840-1372 or tom@codorustu.org

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

- Feb 13. – General Meeting 7:00pm at the Collinsville F&G Club.
- <> Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

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

- Feb. 13 – Members meet, 4:30 pm. at the Adams County Ag Center, Gettysburg
- <> Contact: Michelle Kirk 717-677-4628 or email at: mkirk@adamswatersheds.org

Watershed Alliance of York - www.watershedsyork.org

- DONATE – GoodSearch.com is a new search engine that donates half its revenue, about a penny per search, to the charities its users designate. You use it just as you would any search engine, and it's powered by Yahoo!, so you get great results. Just go to www.goodsearch.com and be sure to enter WAY as the charity you want to support. WAY earned \$10.32 in 2007, let's make it \$1,032 in 2008!
 - Apr. 2 – Next Board Meeting, 7:00 PM, at CCIP (324 W. Market St., York, PA).
 - WAY E-News is published by the Watershed Alliance of York, Inc. to inform the public about news and information that affect York County watersheds and beyond. PLEASE SHARE WITH YOUR MEMBERSHIP AND E-MAIL LIST. Contributions of news, events and information relating to watershed education, funding, planning, restoration, protection, and stewardship welcome. Send contribution to and contact us for mailing list additions/changes to the e-mail address below. Distribution: electronic (1,000+). Frequency: bi-weekly. Subscription: No charge. Editor: Gary R. Peacock.
- <> Contact: Watershed Alliance of York, Inc. (WAY), C/o York County Conservation District, 118 Pleasant Acres Road, York, PA 17402. Phone: (717) 840-7430. Facsimile: (717) 755-0301. E-mail: gpeacock@yorkccd.org

Yellow Breeches Watershed Association - www.ybwa.org

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

York Audubon Society - www.audubon.org/bird/cbc

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

York County - www.york-county.org

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

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

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

York County Community Foundation – www.yccf.org

<> Contact Jane Sload at 717.848.3733 or jsload@yccf.org.

York County Conservation Alliance - NEW

- Fellow York County conservation minded citizens, the steering committee for the York County Conservation Alliance is providing for your review our initial ideas on starting a county alliance of conservation, preservation, environmental, and recreation groups, working together to conserve and preserve our wonderful green spaces including: farmland, our streams, creeks and rivers, our recreational trails and our historic sites.
 - Jan 29 – NEXT MEETING (SNOW DATE, JANUARY 31, 7PM) will be at PENN STATE-YORK CAMPUS. Please RSVP by January 22nd to let us know if you, or someone representing your group, will be attending this meeting.
- <> Contact: Jane Heller at hssmdpets@aol.com or 717-845-3797, - please contact us with email addresses if you are not already listed With the steering committee. Or mail to YCCA - 543 Dupont Ave, York, Pa. 17403

York County Conservation District – www.yorkccd.org

- What has 50,000 arms and legs and depends on forests, soils and clean water to survive? The York County Envirothon, grades 3-12 is accepting donations for 2008. Contact Kim Young at 717-840-7430.
 - Annual Tree Sale – Beginning in January 2008 our annual tree seedling sale information, pricing and order forms will be posted on our web site.
 - Feb 8 – Next meeting of District Board, 11:30 am, at ANNEX
- <> Contact Mark Kimmel, District Manager, 118 Pleasant Acres Road, York, PA 17402. Phone: 717-840-7430. E-mail Yorkccd@yorkccd.org. Office hours: 8:30 AM-4:30 PM weekdays.

York County Planning Commission – www.ycpc.org

- New York County GIS website is up and running, URL: www.yorkgis.org
 - Feb 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

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.

York County Senior Environment Corps – www.watershedalliance.org

<> Contact: Barry Stump. Ph: 244-2089.



WATERSHED EDUCATION & OUTREACH

Time to Renew Your Aging (Infrastructure) System Workshop – Feb 7-8

The PA Section American Water Works Association is sponsoring a two-day workshop in Philadelphia on new tools to help renew aging infrastructure on February 7-8. Water systems carry the lifeblood of modern society, providing the service needed to maintain public health and drive community growth. The stewards of these systems are faced with finding water-main renewal technologies capable of sustaining long-term community needs. This seminar builds on asset management principles, provides a structured framework for rationalizing water-main renewal technology, and supports participants in filling their "renewal tool box" with material and installation options compatible with their objectives and regional environmental constraints. Participants will experience hands-on use of the tools presented. This workshop would be helpful to asset managers, utility managers, capital planners, engineering staff, technical staff and distribution operators. The instructors will be Chris Macey, PE National Technical Specialist, UMA Engineering Ltd., Winnipeg, Manitoba and Peter Oram, Sr. Associate Metcalf and Eddy Inc., Atlanta, Georgia. For more information and to register, visit the Time to Renew Your Aging System Workshop webpage.

<> Resource: <http://www.awwa.org/awwa/education/seminars/index.cfm?SemID=67>

PA Assn. for Environmental Ed 2008 Conference – Early Registration Due – Jan 15

"LEEAP IN! Linking Environmental Education and Play in Nature," is the theme of the 2008 PA Association of Environmental Education Conference set for February 28 to March 2 in Antiochian Village Camp and Conference Center near Ligonier, Pa. The deadline for early-bird registrations is January 15. Conference tracks include Human Health and the Environment, Best Practices in the Field, Outdoor Family Fun, and EE in the Classroom. A full complement of workshops, on-site field studies, and off-site field experiences will be offered throughout the weekend, along with exhibits, entertainers, great food, and conference fun! The 2008 conference committee is pleased to announce that Rick Flood and Joseph Cornell are confirmed as 2008 conference keynote speakers. For more information and to register, visit the LEEAP IN! Linking Environmental Education and Play in Nature webpage.

<> Resource: <http://www.paaee.net/conferencenext.html>

Chesapeake Invasive Plant Management Conference – Jan 15

The U.S. National Arboretum is hosting its second Invasive Plant Management Conference on Tuesday, January 15, 2008 from 8:00 a.m. until 4:00 p.m. The arboretum is pleased to provide a new venue for this event, which has previously been held in Fort Detrick, Maryland. This year the title is "Prevention Strategies for Invasive Species". I have attached more information, including the speakers, topics, and fees. Please help us spread the word and pass this information along to anyone you know who might be interested. For more information, contact Lindsay Hicks, U.S. National Arboretum, Events and Education Office, 202-245-2708 or lindsay.hicks@ars.usda.gov

Earth's Green Mantle – How it Works – May 16

2008 Adkins Arboretum Spring Symposium SAVE THE DATE Friday, May 16, 2008, at Chesapeake College, Wye Mills, MD. Learn to interpret and understand today's environmental issues from carbon footprints to the impact of the decline of pollinators to genetic engineering by reviewing basic scientific principles. Featuring keynote speakers Dr. Doug Tallamy from the University of Delaware, and author and photographer Rick Darke. Six sessions taught by dynamic, engaging scientists and teachers will cover living soils, fresh water resources, evolution, pollinators, plant physiology and ecosystems and energy. Whether you are a gardener, land steward, community planner, teacher, landscape designer, homeowner, horticulturist or naturalist this unique symposium will leave you better informed. Registration will open in mid-February. For more information, e-mail info@adkinsarboretum.org or call 410-634-2847 x0 for more information.

<> Resource: www.adkinsarboretum.org

Environmental Education Resources Supported By EPA

The U.S. Environmental Protection Agency has supported a variety of environmental education resources for students, teachers and the public. Here is a sampling of what's available—

- Elementary school teachers will find the 2007 Love-A-Tree kit on land conservation a valuable addition to Virginia studies and nature resource science;
- For the summer, there are the 2007 summer professional development opportunities; Teachers can bring the world of water into their classroom with Project WET;
- Teach about wildlife with Project WILD;
- Climb into the world of forestry with Project Learning Tree;
- Read the EPA's Chesapeake Bay Program's definition of a Meaningful Watershed Education Experience; and
- Learn more about outdoor classrooms and how you can start one of your own!

For more information, visit EPA's Teacher Resources webpage.

<> Resource: <http://www.epa.gov/teachers/teachresources.htm>

Women's Giving Circle Fills Need

Q: Where can you meet with like-minded women concerned with their community, AND make a real difference? A: Women's Giving Circle of York County Community Foundation (WGC), one of 400 such groups around the country, according to the Council on Foundations. What is WGC? A dynamic group of 80 women embarking on an exciting new venture in strategic philanthropy. A diverse group of 80 women who share a common interest in learning about - and tackling - tough community problems. A generous group of 80 women who have invested more than \$300,000 to help shape the future of their community. Quarterly meetings are held at various locations of interest in downtown York, which gives WGC members a tangible connection to the community about which they feel so strongly. If you would like to be a member of this amazing group of women, contact Carolyn Steinhauser at 717.854.2844 or at steince@comcast.net, or visit us online at www.yccf.org/womens_giving_circle.asp. Check us out at your Center for Philanthropy on the web

<> Resource: www.yccf.org

New PCEE Environmental Ed Connections Newsletter Now Online

The January EE Connections, the environmental education newsletter published by the Pennsylvania Center for Environmental Education, is now available online. Highlight: The PCEE maintains a list of Pennsylvania organizations that often have environmental education positions available. Check out this list on the website.

- General News: DEP Awards Three Million in Recycling Performance Grants, Calendar Highlights Threatened Pennsylvania Flora, PNC Bank Trademarks 'Green Branch' Term, Training for Home Energy Assessments Offered
- K-12 News: 'Protect Our Watersheds' Art Contest, Award Creates New Programming for RiverQuest, Chester County Schools Recognized for Biofuel Use, Recycling Curricula Added to Online Library, Journey North's 'Citizen Science' Project, 'Creating a Green Neighborhood' Essay Contest
- Higher Education: International 'Global Excellence' Conference Call for Papers, Sustainable Food Purchasing Policy Guide Released, Web Course Offered on Climate Neutral Planning, Villanova University Unveils New Solar Electric System

Professional Development: Keystone Coldwater Conservation Conference, February 22-23, Wild Resources Symposium, February 28, Online EETAP Courses Announced, Scholarships Available

Grants/Awards: WREN Accepting 2008 Grant Applications, Soliciting Nominations for Government Leaders in Conservation, REAP Guidelines, Application Available to Farmers, Toyota TAPESTRY Grants' Still Available, Entries for Children's Contests Due Jan. 31

Contributions welcome! The Center receives news and information from a variety of sources across Pennsylvania and beyond. We appreciate all of the organizations, agencies and individuals who provide EE services and share their relevant information.

If you would like to contribute to future issues of EE Connections, please submit your article before the 15th of the month. Articles should be of statewide interest and are subject to space availability.

Share EE Connections! If you know of others who would appreciate receiving EE Connections, please complete the [on-line form](#) or call 724-738-9020.

To see all of the resources available, visit the [Pennsylvania Center for Environmental Education](http://www.pcee.org) website.



WATERSHED FUNDING OPPORTUNITIES

Grant Offered to Advance Hardwood Forestry – Jan 31

The Hardwood Forestry Fund (HFF) is accepting grant applications to advance sustainable hardwood forest establishment and improvement on public and non-profit lands. HFF, a 501(c) (3) educational organization, supports sustainable forestry by funding selective tree planting, direct seeding, natural regeneration, and management and hardwood research requests. The deadline for submitting grant applications is January 31, 2008. Application guidelines, forms and instructions can be found at web site below.

<> Resource: <http://www.hardwoodforestryfund.org/Grants.htm>.

2008 Water Quality Grant – Feb 1

CONTECH Stormwater Solutions Inc. is pleased to announce that they are accepting applications for their 2008 Water Quality Grant. As an environmental company, CONTECH Stormwater Solutions understands the need to preserve and respect the natural habitat. This grant is funded as part of their philanthropic contributions to environmental causes. CONTECH will consider proposals related to the implementation of a water quality educational program, best management practice (BMP), or facility maintenance cost analysis. Qualified organizations include public agencies, universities or research institutions, and non-profit organizations focused on stormwater issues. The \$12,500 grant will be awarded to the organization whose research will have a direct impact on the understanding and improvement of water quality. The deadline for submitting applications for the CONTECH Stormwater Solutions 2008 Water Quality Grant is February 1, 2008. The application process is now open for all qualified organizations.

<> Resource: http://www.contech-cpi.com/stormwater/about_us/philanthropy/WaterQualityGrant/571

Maryland's 2008-2009 Center for Agro-Ecology RFP – Feb 8

The Center is pleased to announce the release of its 2008-2009 Request for Pre-Proposals. The two-page pre-proposals are to be submitted electronically in Word format by **February 8, 2008** to Sarah Taylor-Rogers at strogers@umd.edu. The RFP is attached, or you may access it online at web site below. Subject to availability, the Center anticipates devoting a total of \$500,000.00 in new money to support one- to three-year duration projects. Funded projects in 2006-2007 ranged from \$31,000 to \$168,000 over the three year term of the grant, but projects of all sizes and time frames up to three years will be considered. Applicants from the public and private sectors are encouraged to apply and all projects would initiate by **August – September 2009** pending availability of funds. For more information, visit the Center's website at www.agroecol.umd.edu.

<> Resource: <http://www.agroecol.umd.edu/Research/annualRFP.cfm>

Five Star Restoration Challenge Grants

The 2008 Five Star Restoration Challenge Grant Program is currently accepting applications until February 15. The Five Star Program provides financial assistance to support community-based wetland, riparian and coastal habitat restoration projects that build diverse partnerships and foster local natural resource stewardship through education, outreach and training activities. Funding is available nationwide, but applicants in Calif., Ala., Ga., Fla. and Miss. are especially encouraged to apply due to special funding opportunities provided by the programs corporate sponsors.

<> Resource: <http://www.nfwf.org/fivestar>

Foundation for Pennsylvania Watersheds Grants – Feb 20

The Foundation for Pennsylvania Watersheds awards grants to citizens groups that the IRS has classified as 501(c)3 nonprofit organizations. Individuals, businesses and government agencies are not eligible for Foundation grants. Our primary service areas are from the Ohio boarder to the mainstem of the Susquehanna River. 2008 Grant Deadlines: Spring–February 20 Fall–August 29. Seeking and receiving grants from the Foundation is a simple four-step process.

<> Resource: http://www.pennsylvaniawatersheds.org/?page_id=20

PA National Resources Conservation Service (NRCS) Announces 2008 Conservation Innovation Grants – Feb 27

For fiscal year 2008, NRCS in Pennsylvania will offer a Conservation Innovation Grant (CIG) state component. Only projects implemented within the state will be considered. No multi-state projects will be accepted. Applicants can submit more than one proposal for both the National and State options but will not receive more than one award for the same project or proposal. Proposals must be received in the Pennsylvania NRCS State Office by 4 p.m., Eastern Standard Time (EST) on February 27, 2008. Information and application on web site below. For more information, contact: Noel Soto at (717) 237-2173 or Email: noel.soto@pa.usda.gov

<> Resource: www.pa.nrcs.usda.gov/programs/CIG/2008_PA_CIG%20Announcement.pdf

National Fish and Wildlife Foundation (NFWF)'s Chesapeake Bay Stewardship Fund soliciting proposals – Feb 29

- **NEW! Chesapeake Bay Conservation Innovation Grants (CB CIG):** In a new partnership with USDA's Natural Resources Conservation Service, the Chesapeake Bay Conservation Innovation Grants will award grants on a competitive basis of between \$75,000 and \$1 million each to support the demonstration of innovative natural resource conservation and restoration practices on agricultural lands throughout the Chesapeake Bay watershed. The purpose of the program is to expand the collective knowledge about the most effective ways to engage working farms in protecting and restoring vital natural resources in the Chesapeake Bay region while sustaining agricultural production. NFWF anticipates up to \$5 million in CB CIG awards in 2008.
- **Chesapeake Bay Small Watershed Grants (CB SWG):** This program provides grants of up to \$200,000 each to organizations and local governments working on a local level to protect and improve watershed health in the Chesapeake Bay basin, while building citizen-based resource stewardship. The Program is managed in partnership with the Chesapeake Bay Program with funding from the Environmental Protection Agency, the National Oceanic and Atmospheric Administration, the U.S. Forest Service and other partners. NFWF anticipates up to \$3 million in CBSWG awards in 2008.

Proposals for both programs are due Friday, February 29, 2008. Interested applicants are encouraged to participate in a webinar workshop on Wednesday, January 23. To register for the webinar, and to download the Requests for Proposals and Applications, visit web site below. For more information, contact Amanda Bassow (amanda.bassow@nfwf.org) or Brian Kittler (brian.kittler@nfwf.org) at (202) 857-0166.

<> Resource: www.nfwf.org/chesapeake

CARE Request for Proposals (RFP) Announced – Mar 17

EPA announces availability of around \$3 million in cooperative agreement funding through 2008 CARE request for proposals. Application deadline: March 17, 2008. Closing Date: March 17, 2008. EPA is soliciting proposals from eligible entities project proposals to receive financial assistance through the Community Action for a Renewed Environment (CARE) program. CARE is a unique community-based, community-driven, multi-media demonstration program designed to help communities understand and reduce risks due to toxics and environmental pollutants from all sources. The CARE grant program works with the eligible entities to help their communities form collaborative partnerships, develop a comprehensive understanding of the many sources of risk from toxics and environmental pollutants, set

priorities, and identify and carry out projects to reduce risks through collaborative action at the local level. CARE's long-term goal is to help communities build self-sustaining, community-based partnerships that will continue to improve human health and local environments into the future. The objective of the CARE grant program is to work collaboratively within the community to investigate the effectiveness of the CARE process—whether this cross-Agency, multi-media program provides greater environmental benefits than either non-collaborative or single media approaches. EPA will award two types of cooperative agreements (Level I and Level II) under this solicitation as part of the CARE grant program. The RFP is available on-line at <http://www.epa.gov/air/grants/08-02.pdf> RFP # EPA-OAR-IO-08-02.

<> Resource: <http://www.epa.gov/CARE/>.

Grants Available for Water Resources Education Projects – Apr 2

The Water Resource Education Network (WREN) recently announced that water resources education grants are available up to \$5000 for community-based projects. Proposed educational projects should raise awareness about protecting the community's drinking water source and/or preventing nonpoint source pollution in the watershed. Proposals must be postmarked or hand delivered no later than 4:00 pm on April 2, 2008 to office of League of Women Voters of Pennsylvania CEF, 226 Forster Street, Harrisburg, PA 17102-3220 (no faxed or emailed applications). Contact: Sherene Hess, Project Director, sherenehess@yourinter.net

<> Resource: http://wren.palwv.org/grants/grants_wren.html

The Keystone Chapter of the Soil and Water Conservation Society (SWCS) Offers \$500 Scholarship – Jan 31

The Keystone Chapter of the SWCS is offering a special \$500 scholarship this year to honor retired Soil Conservationist John Bert for his dedication to conservation. John recognizes that many conservation professionals wish to further their career, but require college credits for advancement. Therefore, the scholarship will be awarded to an employee who is currently working for a government agency or non-profit organization. Courses should be related to natural resources, but especially soils, plants, animal science, or forestry. Application deadline is no later than January 31, 2008. Scholarships will be awarded based on a combination of quality of the written essay, financial need, and educational and career goals that are consistent with the SWCS mission. For additional information: www.pacd.org/fp/SWCS08.doc. Contact: Yuri Plowden at yplowden@hotmail.com

<> Resource: www.pacd.org/fp/SWCSapp08.doc



WATERSHED PLANNING & POLICY

Time is running out to register for the most important smart growth event of 2008! – Feb 7-9

The 7th Annual New Partners for Smart Growth: Building Safe, Healthy and Livable Communities Conference will be held February 7-9, 2008 in Washington, DC. More than 1,500 participants attended last year's conference, and you don't want to miss this year's outstanding event. The conference registration deadline is January 25th, and the last day to receive the group room rate at the Marriott Wardman Park Hotel is January 21st. Don't miss your chance to attend the premier smart growth event of 2008! Register now to join us in Washington, D.C. in February. Visit web site below for detailed information on the conference program, tours of model projects, special workshops, invited speakers, and to register.

<> Resource: <http://www.newpartners.org>

Protecting Watersheds in Developing Communities – Feb 21

February 21st, 2008 - 1:00 PM - 2:30 PM Eastern Live Teleconference / Unlimited listeners per connection. Registration includes one connection and Only Registered Attendee Receives Continuing Education Credit. Register by January 18th, 2008 to take advantage of this early bird pricing!

<> Resource: <http://www.lorman.com/shop/viewcart.php?item=183583&>

New report "Reducing Stormwater Costs through Low Impact Development (LID) Strategies and Practices"

The U.S. Environmental Protection Agency has released a new report "Reducing Stormwater Costs through Low Impact Development (LID) Strategies and Practices," which contains 17 case studies from across North America that show the economic viability of LID practices. Using these practices in construction projects can lower costs while improving environmental results. LID practices are innovative stormwater management practices to manage urban stormwater runoff at its source. The goal is to mimic the way water moved through an area before it was developed by using design techniques that infiltrate, evapotranspire, and reuse runoff close to its source. Some common LID practices include rain gardens, grassed swales, cisterns, rain barrels, permeable pavements and green roofs. LID practices increasingly are used by communities across the country to help protect and restore water quality. The report highlights examples that, in most cases, reduce project costs while improving environmental performance. Total capital savings ranged from 15 to 80 percent, with a few exceptions in which LID project costs were higher than conventional stormwater management costs. As LID practices become more common, it is likely that they will become cheaper to use. For a copy of the report, download at web site below.

<> Resource: <http://www.epa.gov/owow/nps/lid/costs07/>

Carroll County to Address Land Preservation Concerns in Updated Comprehensive Plan

In little known or perhaps forgotten actions from the early 1960s, Maryland distributed some planning money among jurisdictions, and Carroll County moved to keep its rural heritage by choosing the Westminster and Freedom areas for most development, limiting outside land to one home per acre in 1964, but to one per 20 acres in 1978, and investing \$10 million annually over the last 25 years in permanent preservation of about 50,000 acres so far – half of the current goal, with county Planning Director Steven Horn remarking, "We like to say in Carroll we've been practicing a version of Smart Growth since the original master plan was adopted in the mid-1960s."

<> Resource: <http://www.smartgrowth.org/news/article.asp?art=6422&state=21>

Bill Allowing Temporary Moratoriums Would Give Municipal Leaders Time to Rewrite Outdated Land-Use Rules

Beset by outward development pressures and related service demands, Pennsylvania municipalities could seek relief through temporary moratoriums until its Supreme Court ruled they lack the power to do so in 2001, a predicament House Local Government Committee

Democratic Chairman Robert Freeman wants to redress with a bill that would let municipal leaders enact up to 18-month moratoriums if they need time to rewrite outdated or inadequate land-use rules.

<> Resource: <http://www.smartgrowth.org/news/article.asp?art=6426&state=39>

Smart Growth Implementation Toolkit

The Smart Growth Implementation Toolkit, produced by the Smart Growth Leadership Institute, is a set of practical tools to help your community grow smarter. It will help you untangle the thicket of policies and procedures that get in the way of smarter growth and sustainable development. The tools are designed to help communities that are committed to (or are exploring) smart growth. The tools will check if your community's policies and regulations are creating safer, healthier, more livable neighborhoods. Each tool may be used by itself or in combination with others. You can also extract and use specific sections of each tool. You can also customize the tools to make it fit your community's needs. The tools include: Quick Diagnostic, Policy Audit, Code and Zoning Audit, Audit Summary, Project Scorecard, Incentives Matrix, Strategy Builder. Smart Growth Leadership Institute, through a grant from the U.S. Environmental Protection Agency (EPA), developed the tools to help communities untangle the thicket of policies and procedures that get in the way of implementing smart growth strategies. Get started with the Smart Growth Implementation Toolkit at the resource link below.

<> Resource: <http://www.smartgrowthtoolkit.net/>

Greening Parking Lots

The City of Toronto's draft Design Guidelines for 'Greening' Surface Parking Lots provide specific strategies and measures which developers, designers and reviewers of surface parking lots can apply to help meet Official Plan policies and environmental performance targets of the Toronto Green Development Standard. The Guidelines are designed to deal with common urban design and environmental challenges found within and around surface parking lots. "Greening: the surface parking lot involves: planting trees, providing good quality soil and generous landscaped areas, enhancing pedestrian and cycling infrastructure, managing stormwater on-site, reducing the urban heat island effect using sustainable materials and technologies. Read more or download the Guidelines at the resource link below.

<> Resource: http://www.toronto.ca/planning/urbdesign/greening_parking_lots.htm#greenguidelines

Wetlands and Watersheds Article Series: "A Local Ordinance to Protect Wetland Functions"

"A Local Ordinance to Protect Wetland Functions" is the latest release from the six-part Wetlands & Watersheds Article Series from the Center for Watershed Protection. This article introduces a new type of model ordinance for local protection of wetlands. Existing federal and state wetland permitting programs address some direct impacts to wetlands, such as filling, but are not designed to regulate inputs of stormwater or other pollutants. Local development regulations can fill this gap in wetland protection since local governments typically have control over local land use regulations and decisions. An adaptable model Wetland Drainage Area Protection Ordinance is provided to protect wetlands from indirect impacts by regulating land development within areas draining to them. Visit the wetlands website to learn how communities can integrate wetlands into larger watershed protection efforts. Also available are Articles 1, 2, 3 & 6 of the series. All articles are available for free download.

<> Resource: <http://www.cwp.org/wetlands/index.htm>



WATERSHED RESTORATION & PROTECTION

Chesapeake Bay Leaders Say 2010 Bay Cleanup Goal Will Not Be Met

The (Chesapeake) Bay cleanup's top policymaking body formally acknowledged in December that 2010 will come and go without meeting its cornerstone goal-cleaning up the Chesapeake. But members of the council insisted at their annual meeting December 5 that cleanup efforts were accelerating. To help accomplish that, the council signed a pledge to protect 695,000 acres of forest by 2020 because whenever forests are converted to other uses, water pollution typically increases. A spate of recent reports, including several from the EPA, have shown that the region will fall far short of its nutrient and sediment reduction goals aimed at restoring the Bay's water quality. Senior officials have nonetheless been reluctant to publicly acknowledge that they would miss another major cleanup milestone. The reason for the 2010 deadline dates to the resolution of a lawsuit against the EPA in 1999. As part of the settlement, the agency must write a cleanup plan known as a Total Maximum Daily Load for the Bay unless it meets water quality standards by May 2011. The Clean Water Act requires a TMDL for any waterway that fails to meet its water quality standards-conditions that make waterways safe for both humans and aquatic life. The Executive Council set the 2010 deadline in its Chesapeake 2000 agreement, hoping to head off the need for a TMDL which has more regulatory provisions and more rigid requirements than the tributary strategies states have written to reduce Bay pollution. But writing a TMDL covering the Bay watershed is a huge exercise. At the current rate of implementation, various reports have suggested that the region is not likely to achieve its nutrient and sediment reduction goals until 2025, or even later. States expect to come close to goals for sewage plants in 2010 or shortly thereafter. But the more vexing problem of controlling nutrient runoff from the land remains. Runoff is growing as urban and suburban areas expand over more of the watershed. Pollution from agriculture, the largest single source of nutrients to the Bay, could increase substantially in coming years as farmer's plant more corn to meet demand for ethanol. At the Executive Council meeting, various Bay cleanup participants agreed to "champion" issues or programs with the goal of gathering information that could be used by others. Read more...

<> Resource: <http://www.bayjournal.com/index.cfm?issue=293>

EPA's Chesapeake Bay Program Seeks to Preserve 100,000 Acres of Forests in PA

The U.S. Environmental Protection Agency Chesapeake Bay Program announced a goal of permanently protecting 695,000 acres of forests by 2020, with an interim goal of protecting 266,400 acres by 2012. These goals include 15,000 additional acres in Delaware; 250,000 acres in Maryland; 100,000 in Pennsylvania; and 315,000 in Virginia, through national, state or local programs offered by government agencies or private land trusts. Forests cover about 58 percent of the Chesapeake Bay watershed thereby producing less nutrient runoff because their roots and leaves absorb nitrogen. It is estimated that the region loses about 100 acres of forest a day and forest loss at this rate could increase nitrogen loads to the bay by 1,300 pounds per day. For more information, visit EPA's Chesapeake Bay Program webpage.

<> Resource: <http://www.epa.gov/region03/chesapeake/>

EPA's Watershed Academy to sponsor free Webcast on decentralized wastewater systems – Jan 16

EPA's Watershed Academy sponsors free monthly Webcasts for watershed practitioners from around the globe. On Wed., Jan. 16, 2008, presenters will discuss The Wastewater Information System Tool (TWIST), a Microsoft Access based information management system developed for US EPA to help communities inventory and manage decentralized (i.e., individual and clustered) wastewater systems. The Webcast will provide an introduction on how to use TWIST, an overview of watershed and water quality issues related to wastewater management, discuss treatment system options and management, and address the need for inventory systems such as TWIST. Finally, the Webcast will also provide information on other tools for small communities and decentralized system users. Registration opens January 4th. For more information or to access archived audio versions of past Webcasts, please visit web site below.

<> Resource: www.epa.gov/watershedwebcasts.

Register Now for Keystone Coldwater Conference – Feb 22-23

The Pennsylvania Council of Trout Unlimited is pleased to announce that registration is now available for the 2008 Keystone Coldwater Conference with the theme, "Headwaters Ecosystems: Protection, Management and Research," being held in State College on February 22-23. This year's theme will focus will be on protection and management of headwater ecosystems and will highlight emerging research and successful partnerships concerned with their health and preservation. On February 22, the conference begins with an optional Friday afternoon workshop covering taxonomy and field identification of headwater amphibians, reptiles, fish, mussels, invertebrates and plants; followed by an evening reception with networking opportunities, poster displays, refreshments and music. On February 23 keynote speakers Larry L. Schweiger, President of the National Wildlife Foundation, and Bern Sweeney, President of the Stroud Water Research Center, will address "The State of our Headwater Ecosystems." Eight breakout sessions will round off the morning and afternoon with topics related to the latest research and management tools to improve our watersheds. The conference concludes with a wrap-up and closing remarks by the keynote speakers. Exhibitor space is available. The conference agenda and registration information can be found on the 2008 Keystone Coldwater Conference webpage or by contacting Deborah Nardone at 814-359-5233 or send email to: dnardone@coldwaterheritage.org.

<> Resource: <http://www.coldwaterheritage.org/coldwaterconference.htm>

NPDES Compliance Monitoring Strategy Released

Districts involved in various aspects of the National Pollutant Discharge Elimination System (NPDES) program can now learn about new requirements for communities from a new strategy released by EPA, titled "Clean Water Act National Pollutant Discharge Elimination System Compliance Monitoring Strategy for the Core Program and Wet Weather Sources." This new strategy, which takes effect in 2009, outlines inspection and compliance goals for the entire NPDES program, including major and minor NPDES facilities, pretreatment programs, biosolids, CSOs, SSOs, stormwater and CAFOs. It places increased emphasis on wet weather issues, particularly stormwater sources, and sets ambitious targets for audits and inspections of Phase I and II MS4s, construction sites, and industrial facilities. For more information or to download the strategy, visit web site below.

<>Resource: www.epa.gov/compliance/monitoring/programs/cwa/npdes.html.

EPA Launches New Water Protection Indicators Webpage

The U.S. Environmental Protection Agency Mid-Atlantic Water Protection Program uses the environmental indicators tool to measure progress in reaching its goals toward water quality improvements. The primary use of an indicator is to characterize current status and to track or predict significant change. EPA's recently launched Water Protection program webpages highlight these indicators, what they are and how EPA uses them to measure and report success. To view this information, visit the Water Protection Program webpage.

<> Resource: <http://www.epa.gov/reg3wapd/indicators/index.htm>

New Water Resources Publications by PSU Online

Especially their new Groundwater Booklet (A Quick Guide to Groundwater in PA) 12 pgs which looks very helpful for Education and outreach and references our LWVPA Groundwater Primer (12 pages), which of course is also available from WREN free of charge for the asking. Also available - 20 pg guide to Access and Allocation of Water Resources in PA <http://pubs.cas.psu.edu/FreePubs/pdfs/ua445.pdf> and pond/lake workshops and resources (see webpage for full info).

<> Resource: <http://www.sfr.cas.psu.edu/water/>.

Rock Snot Hitches Ride on Fishing Gear

Serious fly fishermen may remember 2007 as the year that the invasive species known as "rock snot" turned into a national problem. For at least a decade, nasty carpets of these algae have been fouling up pristine fishing streams in the western United States. Rock snot coats a rock in a stream. Twenty years ago, the algae were found only in isolated mountain streams in western Canada. But a more aggressive version has spread to streams in the western United States and to the East Coast. Then, last summer, it turned up in fishing streams in several eastern states. Rock snot seemed to be a strictly western problem until this past June, when a massive bloom appeared on the New Hampshire side of the Connecticut River. Before the summer, slimy carpets had fouled pristine fishing streams in New York, Vermont, Tennessee, Missouri and Virginia.

<> Resource: <http://www.npr.org/templates/story/story.php?storyId=17523153>

Environmental Concern 2008 Wetland Training Schedule COME LEARN WITH US...

Since its inception in 1972, Environmental Concern Inc. has put a premium on building the capacity of those in the wetland field through quality professional development opportunities. Unlike other wetland training centers, Environmental Concern is a working firm engaged in the work of wetlands. We are able to provide students a unique learning experience presented from the practitioner's perspective. The Wetland Learning Center in St. Michaels, Maryland (Eastern Shore) includes the nation's first wholesale wetland plant nursery – currently growing over 120 different species, and an active restoration department engaged in cutting edge enhancement, restoration and creation initiatives. Learn more about us at www.wetland.org. Register now – Spaces are Limited

- *Winter Woody Plant ID* – This 2-day course will help give the wetland professional a competitive edge in wetland delineation. Vegetation analysis is the primary criteria used to delineate wetland boundaries. Without flowers, leaves, or fruits, trees still offer significant

information for identification. Winter characters of deciduous woody plants test and develop one's powers of observation in the field. Taxonomic keys and field excursions will be utilized to identify over 80 woody species. Background in botany preferred but not necessary. Woody Plants in Winter by Core and Ammons included. Instructor: Bill Sipple. Date: March 3-4, 2008. Cost: \$380.

- *Basic Wetland Delineation* – Students and professionals just entering the field of wetland science, as well as needing a review, should attend these five-day (40-hour) on the 1987 Corps of Engineers wetland delineation method. The course covers the Clean Water Act Section 404 regulations, individual wetland parameters of vegetation, soils, and hydrology. Both routine and comprehensive methods as well as atypical situations and problem area wetlands are covered. Participants complete several wetland delineations. Instructor: Marc Seelinger. Dates: March 10-14, 2008. Dates: November 10-14, 2008. Cost: \$900.
- Wetland Permit Writing (Maryland) – June 25, 2008 (NEW for 2008)
- Introduction to Wetland Botany – July 10-11, 2008
- Advanced Plant Identification – August 4-5, 2008
- Living Shoreline Design and Construction – August 20-21, 2008
- Grasses, Sedges and Rushes – September 8-11, 2008
- Evaluation for Planned Wetlands – October 6-8, 2008

Scholarships are available. Full course descriptions, instructor bios, and registration information can be found at web site below.

Call or email Bronwyn Mitchell, Education Director for more information: dir.educate@wetland.org; (410) 745-9620.

<> Resource: www.wetland.org



WATERSHED STEWARDSHIP

Drought Watch Lifted in 34 Counties, 20 Counties Remain in Drought Watch

Due to improving conditions in many parts of the state, the Department of Environmental this week lifted the drought watch declaration in 34 counties and upgraded Clinton County from drought warning to drought watch. A drought watch remains in 20 counties where conditions are improving, but have not fully recovered. A drought watch is the first and least severe of the state's three drought declarations. It calls for voluntary conservation of 5 percent of water use. Under a drought warning, also a voluntary measure, residents are asked to reduce their water consumption by 15 percent. A drought emergency calls for mandatory reductions in non-essential water use. The 34 counties removed from the drought watch are Armstrong, Bedford, Blair, Bradford, Butler, Carbon, Chester, Clarion, Columbia, Delaware, Erie, Forest, Fulton, Greene, Lancaster, Lawrence, Lebanon, Lehigh, Luzerne, McKean, Mercer, Monroe, Montgomery, Northampton, Philadelphia, Snyder, Somerset, Sullivan, Susquehanna, Tioga, Venango, Washington, Wyoming and **York**. Counties that remain under drought watch status are Adams, Berks, Bucks, Cambria, Cameron, Centre, Clearfield, Clinton, Cumberland, Dauphin, Elk, Franklin, Juniata, Lycoming, Montour, Northumberland, Perry, Potter, Schuylkill and Union. DEP first declared a drought watch for 58 counties on Aug. 6. For the latest on drought conditions and tips on how to save water, visit DEP's Drought webpage.

<> Resource: <http://www.depweb.state.pa.us/watershedmgmt/cwp/view.asp?a=1435&q=523309>

County recycles water from toilet to tap

Orange County has begun operating the world's largest, most modern reclamation plant – a facility that can turn 70 million gallons of treated sewage into drinking water every day. Read more...

<> Resource: http://www.watertrust.org/news_article.asp?nID=153

Fairy Mural Bathroom Wins Top Award

An artist's murals of fairytales and railways on the walls of public toilets have won a Loo of the Year Award in Wales. Several other awards were handed out for public toilets throughout the UK.

<> Resource: http://www.watertrust.org/news_article.asp?nID=152

Wisconsin town holds annual 'Toilet Bowl'

It might lack the pomp and pageantry of the Rose Bowl, but for some residents of a small community northwest of Milwaukee, their annual "Toilet Bowl" is the biggest game of the year.

<> Resource: http://www.watertrust.org/news_article.asp?nID=151

