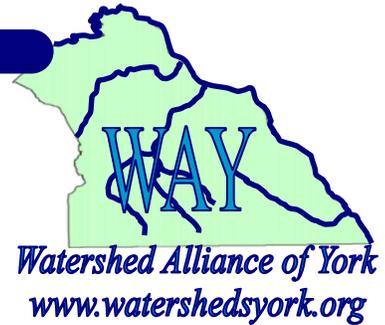


WAY E-NEWS

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



March 30, 2009

A PUBLIC-PRIVATE PARTNERSHIP

Volume 9, Issue 7

INSIDE THIS ISSUE...**WATERSHED ALLIANCE NEWS****WATERSHED EDUCATION & OUTREACH...Page 6**

- Mark Your Calendar! Pick It Up PA Days – Apr 25 to May 9
- Middle, Lower Susquehanna sections named DCNR's 'River of the Year'
- New Plan Outlines Statewide, Regional Priorities to Balance Competing Demands for Water
- EPA Releases "Watershed Central" Web Site and a "Watershed Wiki"
- Video Contest to Educate the Public about Water Quality - Apr 22
- Volunteers Needed to Track Seasonal Signs of Climate Change
- Building Green Sustainable Communities
- Greening Your Charity Car Wash
- Green Living Tips About Water

WATERSHED FINANCIAL ASSISTANCE...Page 8

- EPA Issues Guidance for Water Funds Under the Recovery Act
- Spending the Stimulus
- World Bank Grant - Apr 6
- USDA Will Restore and Protect Flood-Prone Lands with Economic Recovery Funding – Apr 10
- Brownfields Job Training grants under American Recovery and Reinvestment Act – Apr 20
- PA American Water Accepting Environmental Grant Applications – May 1

WATERSHED FACILITATION ASSISTANCE...Page 9

- PennVEST Public Meeting on American Recovery and Reinvestment Act (ARRA) – Apr 1 & 14
- Free Watershed Academy Webcast on New Watershed Central Web site – Apr 15
- "GROWING GREEN JOBS" WORKSHOP – Apr 25
- National Volunteer Week – Apr 19-25
- PENNFUTURE'S NE PA global warming conference: Pennsylvania's changing climate – Apr 26
- Municipal MS4 Officials & Employee Training Opportunity – May 26
- River Network's National River Rally 2009 Baltimore – May 29-Jun 1
- Mid-Atlantic Stream Restoration Conference (MASRC) – Nov 3-5

WATERSHED TECHNICAL ASSISTANCE...Page 10

- Tree Species Composition Influences Nitrogen Loss From Forests
- Study Assesses Impact Of Fish Stocking On Aquatic Insects
- Nanoparticles In Cosmetics, Personal Care Products May Have Adverse Environmental Effects
- Bay slightly healthier in 2007 compared to 2006
- Green Neighborhood Design ala "Prefurbia"
- Local Planning: Contemporary Principles and Practice
- R/UDAT: Planning Your Community's Future; A Guide to the Regional/Urban Design
- AASHTO Sustainability Case Studies
- Water Quality and Transportation
- Conservation Easements and Wetland Ordinances – An environmental balancing act
- The Four Levels of Improved Rain Garden Performance
- PA Bulletin Online
- DRAFT TECHNICAL GUIDANCE DOCUMENTS AVAILABLE

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

WATERSHED ALLIANCE NEWS

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

- Earth Issues - [Click for Earth Issues Events Schedule](#). Sponsored by the Environmental Studies Dept., Earth Issues is a presentation/discussion of environmental issues. Earth Issues is held on Tuesdays, from 12:00-1:00 PM in the HUB Siderooms. If you are a student, faculty member, alumnus or professional in the field of environmental studies or environmental science, and you are interested in presenting for an upcoming Earth Issues, please let us know.
- <> ALLARM at allarm@dickinson.edu or 717.245.1021. ALLARM Phone: 717.245.1135 fax: 717.245.1971

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

- Join the growing Chesapeake Watershed Network - www.chesapeakekenetwork.org/profile.htm?mode=getagreement
- Oct 9-11 - 2009 Chesapeake Watershed Forum Friday, (NOTE...This is a change from the previous announcement). National Conservation Training Center, Shepherdstown, WV. More details forthcoming on the Chesapeake Network website www.chesapeakekenetwork.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

American Rivers - www.americanrivers.org

- National River Cleanup™ 2009! - Healthy rivers are one of a community's most vital assets but they need our help to remain clean and trash free. Whether you want to participate in an existing cleanup or organize one of your own, we have what you need to get started, including: Frequently Asked Questions for volunteers and organizers; a comprehensive Organizer's Handbook; and an interactive map to find registered cleanups. Please organize a cleanup today or volunteer at a cleanup near you! Register your/for and event here: www.americanrivers.org/site/PageServer?pagename=AR7_NationalRiverCleanup
- American Rivers Now on Facebook - Show your friends how much you love rivers by becoming a fan of American Rivers on Facebook. Through our profile, you can connect with other river enthusiasts, share your favorite river photos, and get updates on our work. More... <http://www.facebook.com/pages/American-Rivers/117682905290>

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

Capital Resource, Conservation & Development (RC&D) Area - www.capitalrcd.org

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

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

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

Chesapeake Bay Foundation - www.cbf.org

Codorus Creek Improvement Partnership - www.codoruscreek.com

- Apr 17-18 - Spring Cleanup: CCIP will organize our Spring Codorus Creek Clean-Up 2009. This will be a two-day cleanup of the Codorus Creek from in the City from Richland Avenue to College Avenue. Volunteers should meet at Martin Luther King Park on South Penn Street at the Codorus Creek. Volunteers will register, get safety sheets, sign waivers, and receive trash bags, gloves, beverages, and a meal at lunch. There will be ample parking and bathroom facilities. Volunteers should wear boots and long pants and bring waders or hip-boots if they have them. Recyclable materials will be separated from the trash and disposed of appropriately. (Ages 8 and up: 8-13 accompanied by leader, ages 14-17 with parental waiver.) If you would like more information, call the Codorus Creek Improvement Partnership at 717.779.7915.

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

Codorus Creek Watershed Association - www.codoruscreek.net

- Apr 13 - CCWA Member and Board meeting, 7:00 pm, at York Water Company's Mt. Rose Ave. Facility
- May 18 - 10th Annual Meeting
- May 23 - Oil Creek Restoration Project monitoring
- HELP-Buffers Program accepting applications for 2009 projects

<> Contact: Jim Leaman at 843-2929

Conoquinet Creek Watershed Association - www.conocreek.org

- Apr 14 - Board Meeting. CCWA board meets the second Tuesday of odd months, 7p. Usual Site: St. Stephen church, New Kingstown.

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

Conewago Canoe Club - www.conewagocanooclub.org

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

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

Doyle Farm Nursery - www.doylefarm.com

- April 24 & 25 Spring Ephemeral Sale
- July 11 Saturday only the Bring Back the Natives 4th Annual Garden Tour.

- September 4 & 5 Late Summer Sale

<> For more information, please see doylefarm.com Open Houses/Events or contact us at jld@doylefarm.com. We also provide Gift Certificates which make wonderful birthday, Easter or Mother's Day gifts. Please e-mail us for more information or to request a 2009 catalog. All garden talks and workshop are free. Chairs and canopies are provided. Thank you, -J Doyle

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

<> Pre-registration is required for all programs by calling 410-836-3050 or emailing edenmillnaturecenter@gmail.com. For more information, contact Eden Mill Nature Center, 1617 Eden Mill Road, Pylesville, MD 21132. Phone: 410-836-3050

Farm & Natural Lands Trust of York County - www.farmtrust.org

Every year the class of Leadership York is split into 4-6 groups of 5 -10 individuals. The groups are then responsible for a class project that hones their leadership skills while benefiting our community. Our group is organizing a Sporting Clays Shoot to Benefit the Farm and Natural Lands Trust of York County. The shoot will take place on Friday April 3, 2009 at the scenic Central Penn Sporting Clays facility in beautiful Wellsville, York County. Details of the event are included on the attached flier. We are still in need of sponsors (both cash and in-kind), volunteers for the day of the event, prize donations, and individual shooters. We realize times are tough, and money is short, but this event can only be a success with your help however big, or small. If you have any questions don't hesitate to contact us through e-mail at Fnltsportclays@gmail.com or by calling our group leader, Andrew Paxton, at 717-718-7114.

<> Contact: Sean Kenny at the FARM & NATURAL LANDS TRUST of York County, 156 North George Street, Suite 300, York, PA 17401. Phone - 717-843-4411 or skenny@farmtrust.org

Friends of Codorus State Park - <http://www.friends-of-codorus.org/>

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

Greater Hanover Alliance - pwingert@legacycaps.com

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

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

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

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

<> Contact: Horn Farm Center for Agricultural Education, 4945 Horn Road, York, PA 17406. Phone: (717)654-0571. Email: info@hornfarmcenter.org. Web: www.hornfarmcenter.org.

Izaak Walton League York Chapter - www.yorkchapter67iwl.org/

- Apr 4 - Fishing Season Opening Day
 - Sept 25-27 - NEW IWLY Outdoor Show 2009
- <> Contact Lee Irwin 428-9368

Kings Gap Environmental Education Center - www.dcnr.state.pa.us/stateparks/parks/kingsgap.aspx

<> For more information and how to register, contact [Kings Gap](http://www.dcnr.state.pa.us/stateparks/parks/kingsgap.aspx) at (717) 486-3799.

Lancaster-York Heritage Region - www.lyhr.org

- Apr 3 - Visions of the Susquehanna Art Exhibit & Open House, 10:00 AM to 4:00 PM.
- <> 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

- Smallmouth and other fish die-offs and diseases - We really need to take pictures of EVERYTHING we are finding, particularly adult fish with lesions or dead adults. PA Fish and Boat seemed to be relatively unaware of the problems we are having with adults. Recent USGS research found that just like the Potomac, Shenandoah, James, and Cowpasture Rivers further south, the Susquehanna now has intersex smallmouth (male fish with eggs growing in their testes) throughout its length, with a much higher percentage in the lower reaches. This is not normal and is not happening in the Delaware or Allegheny Rivers. We need to document our finds and see if they can teach us why certain rivers are having this problem and others are not.
- <> Contact: Michael Helfrich, Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: lowsusriver@hotmail.com.

Maryland's Upper West Shore Trib Team - http://www.dnr.state.md.us/bay/tribstrat/upper_west/up_west_shore.html

- Growing Home Campaign - Plant a Tree in Your Yard & Save \$10 - Homeowners can obtain the \$10 Growing Home tree coupon from the Growing Home brochure, which is widely available at county and city facilities, and the Growing Home Campaign website www.growinghome.info. Brochures and the website also have information about the value of adding trees to one's property and within existing neighborhoods, guidance about site considerations and tree species selection, and instructions about tree planting and maintenance.
- Apr 6 - Next Meeting of UWS Trib Team, 5:30-7:30 pm. Note: we'll meet here first: Plum Tree Park, George Street, Bel Air, MD ...then we'll finish up at: Mcfaul Activities Center, 25 West MacPhail Road, Bel Air, Maryland 21014. For info call 410.638.4040.
- Apr 18 - Dig Native Plants? Come Celebrate with Us! Help plant native plants in our Bayscapes gardens at the Plummer House, Jug Bay Wetlands Sanctuary, Lothian, MD. Contact: Bart Merrick, Education Coordinator Chesapeake Bay National Estuarine Research Reserve. Phone: (410) 260 - 8827. Web: <http://www.dnr.state.md.us/bay/cbnerr/>
- Watershed Assistance Collaborative being coordinated by DNR - The program will provide training, funding opportunities and technical support to watershed groups for watershed planning and implementation assistance. Many of you who are part of a watershed group or

are interested in forming one could definitely benefit from this program. If you have questions about the program, please contact Carrie Decker at 410-260-8723 or email her at cdecker@dnr.state.md.us.

<> 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

Messiah College - www.messiah.edu

- Apr 23 - Service Day. Register by March 6.
 - Oakes Museum - "Pennsylvania Birds and Eggs" from our bird and oology collections
- <> Contact: Rebecca Owen, Local Community Service Director, Messiah College, PO Box 3027, One College Ave., Grantham, PA 17027. Ph: 717-796-1800 ext. 7255. Fax: 717-796-5221. E-mail: ServiceDay@Messiah.edu

Mid-Atlantic Ecological Landscapes Partnership [MAEscapes] - www.maescapes.org (NEW!)

- Apr 1 - Spring Cleanup! Volunteers needed to help cleanup demonstration gardens for spring activities. All welcome.
 - Apr 27 - MAEscapes Advisory Board meets, 6:30 pm, at the York County ANNEX.
 - May 16 - Spring Native Plant Sale at the York County Annex 112 Pleasant Acres Road, York, PA. Plant sale starts at 9:00am and continues, rain or shine, until all plants are sold (3:00 PM). No sales before 9:00am. 10:00am Garden Tours and Educational Sessions Penn State Master Gardener experts available all day to help you with plant selection.
 - July 11 - Bring Back the Natives Garden Tour. Tickets \$10 in advance
- <> Contact: 717-840-7408 or Connie Schmotzer at cxs51@psu.edu

Pennsylvania Chapter - The American Chestnut Foundation - www.patacf.org/

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

PPL Environmental Preserve - www.pplpreserves.com

Brunner Island, Holtwood, Shanks Ferry and more...

- Spring 2009 Environmental Programs

<u>DATE</u>	<u>PROGRAM</u>	<u>LOCATION*</u>	<u>TIME</u>
Wed., April 22	Earth Day Bird Walk	BIW	9 a.m.
Wed., April 22 "Earth Day"	The Natural History of the Timber Rattlesnake By Dr. Carl Ernst, MU	MU	7 p.m.
Thurs., May 21	Susquehanna Aquacultures Fish Farm Tour Note: Registration required	BIFA	10 a.m.
Sat., June 13	Bugs: Mother Nature's Miracle	BIW	2 p.m.
Wed., June 24 - Sun., June 28	Lower Susquehanna River Sojourn	H	Various

*Location Code: BIW - Brunner Island Wetlands MU - Millersville University, Roddy 261 BIFA - Brunner Island Fishing Area

H - Harrisburg to Holtwood Dam

<> Contact: Karen Ament, Naturalist, Holtwood Environmental Center, 9 New Village Road, Holtwood, PA 17532. Ph: 717-284-6272 or email pplpreserves@pplweb.com.

PSU Cooperative Extension York County - <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.

Prettyboy Watershed Alliance - www.prettyboywatershed.org

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

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

<> Contact Richard Nixon County Park, Nixon Dr, York, PA 17407. Phone 717-428-1961.

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

<> Contact: Liz Winand at 2092 Long Level Road, Wrightsville, PA 17368. Call: 717-252-1616. Fax: 717-252-0403. Email: shanksmare@comcast.net

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

- Mar 31 - 6:30 pm - GVP Excom Meeting, East Shore Area Library - All members welcome!
- <> Kim Anderson at sgfornyc@aol.com.

Spoutwood Farm CSA - www.spoutwood.com

- May 1-3 - The 18th Annual May Day Fairie Festival. This year's May Day Fairie Festival will be held at Spoutwood Farm on May 1st from 12:00 PM to 7:00 PM, and May 2nd and 3rd from 10:00 AM to 6:00 PM each day. Admission is \$15 for adults (over 12), \$5 for kids (ages 3 to 12), and free for those 2 and under. Children under the age of 13 will be admitted FREE on Friday May 1!!! Those who decide to volunteer when they arrive at the festival can request a 2-hour job assignment; upon completion, the admission fee will be refunded.
 - Internships at Spoutwood Farm Center, Inc., a 501(c)(3) non-profit educational and community-supported agriculture farm in Glen Rock, PA (southern York County), is seeking highly motivated, highly qualified applicants for the following work-and-learn positions:
 - o Two (2) Senior Apprentices/CSA Manager Trainees.
 - o Two (2) CSA Associate Apprentices.
- <> Contact: www.spoutwood.com or contact: Rob Wood, 717-235-6610, Spoutwood@supernet.com

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

<> If you have questions, we hope you'll email us info@strawberryhill.org or give us a call at (717) 642-5840. You can also fax us at (717)

Susquehanna Greenway Partnership – www.susquehannagreenway.org

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

- Apr 22 – QUARTERLY GATHERING at Kimberton Whole Foods, Leola April 22, 7pm. Kimberton Whole Foods has recently opened a warehouse distribution sight in Leola, PA. Part of Kimberton Whole Foods' mission is the commitment to agricultural sustainability and local food systems. We all have a connection to the food chain whether we are consumers, independent business owners or farmers. It is in this light that we are inviting you to explore your commitment through an interactive panel discussion with retailers, restaurant owners and farmers. "From Farm to Table" implies will be a discussion on the actual distribution process and how food gets to our tables beginning with the farmer. However, we will take a look at how each of us, in whatever roles or capacities each of us carries, can improve our support of the local product and what impact our purchasing decisions have on our local economy and community. Panelists will include: Terry Brett, owner & president of Kimberton Whole Foods; Rob Amsterdam, past President of the Pennsylvania Vegetable Growers' Association, managed sales for Spiral Path Organic Farm; Chris Fullerton, Director of Consumer Outreach for Pennsylvania Association for Sustainable Agriculture (PASA); Amy Yocum, Promised Land Farm; Chef Cavanaugh from John J Jeffries in Lancaster. For more information, visit <http://www.kimbertonwholefoods.com/>. Quarterly Gatherings are FREE for members, \$15 for Non-Members and \$5 for Students with college ID.

<> Contact: Lydia Sadauskas, Executive Director, ssbn can be reached by...email: info@susquehannasbn.org, phone: 877-500-6552, mail: Susquehanna Sustainable Business Network, P.O. Box 42, Marietta, PA 17547

Susquehanna River Basin Commission – www.srbc.net

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

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

- Apr 8 – Next meeting at Gander Mountain in York. Meetings are held the second Wednesday of each month at 7:00 pm. (even if they are not listed here). Cancellations due to winter weather will be announced here, and on WSBA Radio, 910 AM.

<> Contact: Tom Finenze at 840-1372 or tom@codorustu.org

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

- Mar 18 – General Meeting 7:00pm at the Collinsville F&G Club

<> Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

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

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

<> Contact: Michael Langland, langland@usgs.gov.

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

- Mar 24 – The Watershed Alliance of Adams County holds its board meeting monthly. Board meeting dates have changed to the fourth Tuesday of the month. All board meetings are held at the Adams County Agricultural and Natural Resources Center at 4:30pm unless otherwise specified. The public is invited to attend. [Click for Directions](#) to the Adams County Agricultural and Natural Resources Center.

<> Contact: Michelle Kirk 717-677-4628 or email at: mkirk@adamswatersheds.org

Watershed Alliance of York – www.watershedsyork.org

- Mar 21 – RIVER CLEANUP! 9:00 AM to 3:00 PM, Gutt Road, East Manchester Twp. Pre-register at gpeacock@yorkccd.org or call 717-840-7430.
- Apr 1 – CANCELLED Meeting of WAY Board of Directors, 7:00 PM, at 324 W. Market St., York, PA. RESCHEDULED April 8, same time and location.
- Apr 25 – EARTH DAY CLEANUP! 9:00 AM to 3:00 PM, Derry Park & Wetlands, West Manchester Twp. Pre-register at gpeacock@yorkccd.org or call 717-840-7430.
- 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.
- www.goodsearch.com and be sure to enter WAY as the charity you want to support.

<> Contact: Watershed Alliance of York, Inc. (WAY), C/o York County Conservation District, 118 Pleasant Acres Road, York, PA 17402. Phone: (717) 840-7430. Facsimile: (717) 755-0301. E-mail: gpeacock@yorkccd.org

Yellow Breeches Watershed Association – www.ybwa.org

- Apr 4 – Trout Season Opening Day. UWPA and YBWA team up to serve refreshments and provide information about the Yellow Breeches Creek. Money donated to UWPA for "free" food and drinks is in turn awarded to YBWA. See recap of 2008 event in this newsletter.
- YBWA meetings listed on web site.

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

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

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

YorkCounts - yorkcounts.org

<> Contact James DeBord, Director YorkCounts, 105 Leader Heights Road, Suite #2, York, PA 17403. P: 717/650-1500. C: 717/475-6785. W: www.yorkcounts.org

York County - www.york-county.org

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

York County Agriculture Business Council

<> Contact Michelle Grove, 1500 Felton Rd., Felton, PA 17322. Ph: (717) 246-3578. Em: ycabc@comcast.net

York County Agriculture Land Preservation Board – www.york-county.org

<> 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

- If your municipality or organization would like to partner on a project, sponsor a project, or need free technical assistance leveraging resources to implement a project the York County Community Foundation's Codorus Endowment can help. Contact: Jake Romig, Coordinator, 848-4717 or e-mail jakeromig@ecostructionllc.net
- <> Contact Jane Sload at 717.848.3733 or jsload@yccf.org.

York County Conservation Alliance - www.yorkcountyconservationalliance.org

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

York County Conservation District – www.yorkccd.org

- Apr 17 – Tree orders may be picked up at Rocky Ridge County Park between 10:00 a.m. and 6:00 p.m. Proceeds from the sale are used for the District's education efforts, including the annual Envirothon school events.
 - Apr 9 – District Board of Directors meeting, 7:00 PM, at ANNEX
 - CONSERVE RAINWATER FOR HEALTHY PLANTS! Affordable, high quality, pest safe Rain Barrels for sale—60 Gallon \$125 or 80 Gallon \$145. Sales tax included in price. All profits dedicated to funding the HELP-Streams Program of York County.
- <> 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

- Apr 7 – 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



WATERSHED EDUCATION & OUTREACH

Mark Your Calendar! Pick It Up PA Days — Apr 25 to May 9

Join this ambitious statewide effort to remove litter and trash from Pennsylvania's roadways, parks, forests, riverbanks, neighborhoods, and open spaces. Everyone wants to live, work and play in a clean and green community... and it's up to everyone to make it possible and improve the overall quality of life for us all. Join Pennsylvanians across the state — and Americans across the nation — in cleaning up litter and trash along our roadsides, streams, parks, forests and neighborhoods. Anyone can help! Community and civic associations, school and youth groups, families and friends, business employees, hunting and fishing clubs, conservation organizations, sport teams and others can organize their members and participate in the Great American Cleanup of PA. Let's Pick It Up PA — Every Day! York County Cleanup:

- 4/4/2009; Hours 8:00 AM To 11:00 AM; Rain Date: 4/11/2009; Event Name: Adopt a Highway Cleanup; Event Location: Susquehanna VFW, 195 S. Main St., Mount Wolf; Sponsoring Group: Susquehanna Lions Club; Contact Person: John Krueger; Phone: 717-705-4938; E-mail: jkrueger@comcast.net; Municipality: Mount Wolf Borough
- 4/4/2009; Hours 9:00 a.m. To 12:00 p.m.; Event Name: Kiwanis One Day; Event Location: Hanover Square; Sponsoring Group: Kiwanis Club of Hanover -One Day; Contact Person: David Pareja; Phone: 717-632-4041; E-mail: davidfpareja@gmail.com; Municipality: Hanover Borough
- 4//2009; Hours 7:30 AM To 1:30 PM; Event Name: Glen Rock Codorus Creek Cleanup!; Event Location: Water St.; Sponsoring Group: Watershed Alliance of York; Contact Person: Gary Peacock; Phone: 717-840-7430; E-mail: gpeacock@yorkccd.org; Municipality: Glen Rock Borough.
- 4/17-18/2009; Hours 9:00 AM To 5:00 PM; Event Name: CCIP Codorus Creek Cleanup; Event Location: York City from Richland Avenue to College Avenue; Sponsoring Group: Codorus Creek Improvement Partnership; Contact: Michael Helfrich, Codorus Creek Improvement Partnership, at 324 W. Market St., York PA 17401. Ph: 717-718-5431. E-mail: info@codoruscreek.com; Municipality: City of York.
- 4/18/2009; Hours 9:00 a.m. To 11 a.m.; Rain Date: 4/25/2009; Event Name: Olde Towne East Spring Cleanup 2009; Event Location: 327 Reinecke Place York, Pa 17403; Sponsoring Group: Olde Towne East Neighborhood Association; Contact Person: Richard Miller; Phone: 717-845-2631 ext 224; E-mail: rmiller@ywcaofyork.org; Municipality: York City
- 4/18/2009; Hours 8:00 a.m. To 1:00 p.m.; Rain Date: 4/25/2009; Event Name: CCC- Care, Cleanup +Connect; Event Location: College Ave., Duke St., Princess St., King St. Parks and nearby lots. Surrounding alleyways; Sponsoring Group: Crispus Attucks Transitional Center CCC; Contact Person: Jasmin Cerda; Phone: 717-542-2104; E-mail: icerda@crispusattucks.org; Municipality: York City

- 4/22/2009; Hours 9:00 am To 12:00 pm; Rain Date: 4/23/2009; Event Name: Abigail's Clean-up; Event Location: Admire Road and roads surrounding Admire Springs development in Dover Township; Sponsoring Group: Admire Springs Homeowners Organization for Life Enjoyment; Contact Person: Jay Schumacher; Phone: 717-650-1558; E-mail: jschum21@comcast.net; Municipality: Dover Township
- 4/25/2009; Hours 9:00 AM To 3:00 PM; Event Name: Derry Park Wetlands & Natural Area Cleanup; Event Location: 1600 Derry Road (off Taxville Rd); Sponsoring Group: Watershed Alliance of York; Contact Person: Gary Peacock; Phone: 717-840-7430; E-mail: gpeacock@yorkccd.org; Municipality: West Manchester Township
- 4/25/2009; Hours 9:00 a.m. To 1:00 p.m.; Rain Date: 5/9/2009; Event Name: Litter cleanup; Event Location: 2 North Conley Lane Ethers, PA 17319; Sponsoring Group: Village of Valley Green; Contact Person: Lorrie Hess; Phone: 717-579-6980; E-mail: lorriehess@realtyagent.com; Municipality: Newberry Township
- 4/25/2009; Hours 8:00 a.m. To 10:00 a.m.; Event Name: Knights of Columbus, New Freedom Roadside Cleanup; Event Location: Cambell Road, New Freedom, Pa; Sponsoring Group: Knights of Columbus Council 8891, New Freedom, PA; Contact Person: Paul McMurtie; Phone: 703-927-9370; E-mail: paul.mcmurtie@navy.mil; Municipality: New Freedom Borough
- 4/26/2009; Hours 3:00 PM To 4:00 PM; Event Name: National Nostalgic Nova Accomac Rd Clean Up; Event Location: Accomac RD Sponsoring Group: National Nostalgic Nova; Contact Person: Wayne Bushey; Phone: 717-252-4192; E-mail: nnnova@comcast.net; Municipality: Hellam Township
- 4/26/2009; Hours 11AM To 2PM; Rain Date: 4/27/2009; Event Name: Janice Bohlen; Event Location: Mile marker Janice Bohlen RN BSN and Kathy Orozco; Sponsoring Group: Janice Bohlen; Contact Person: Janice Bohlen; Phone: 717-676-23770; E-mail: janb2@mac.com; Municipality: Springettsbury Township

Middle, Lower Susquehanna sections named DCNR's 'River of the Year'

The middle and lower Susquehanna River, a watershed that has shaped countless community lifestyles in central Pennsylvania and is emerging as a recreational treasure of the future, was recognized this week as Pennsylvania's River of the Year for 2009. The designation is the latest accolade for this section of the Susquehanna River. "A lifeblood of the Chesapeake Bay, and already designated as a National Recreation Water Trail by the U.S. Department of the Interior, this 103-mile stretch of the Susquehanna draws our annual salute for so many reasons. Read more... <http://www.dcnr.state.pa.us/news/resource/res2009/09-0325-susquehannaroty.aspx>.

New Plan Outlines Statewide, Regional Priorities to Balance Competing Demands for Water

HARRISBURG (March 26) – As demand grows for Pennsylvania's water resources, the commonwealth is offering comprehensive recommendations to help policymakers balance the demands of competing interests while protecting the quality and supply of water for residents and businesses, Environmental Protection acting Secretary John Hanger said today as he signed the new state water plan. Read More... <http://www.depweb.state.pa.us/news/cwp/view.asp?a=3&q=545646>

EPA Releases "Watershed Central" Web Site and a "Watershed Wiki"

EPA recently posted a new Web site called "Watershed Central" to help watershed organizations and others find key information they need to implement watershed approaches. The primary purpose of the new Watershed Central Web site is to make it easy for organizations find the information in a timely manner that they need to help protect and restore their water resources. Watershed Central helps users find environmental data, watershed models, nearby local organizations, and guidance documents – and other information depending on the task at hand. Watershed Central also contains links to watershed technical resources and funding, mapping applications to help find information specific to named watersheds, and includes a "Watershed Wiki" that users may use to collaborate. We encourage all watershed practitioners to use this new Watershed Wiki to share tools, scientific findings, expertise, and local approaches to watershed management. Watershed Central not only links to EPA Web resources but also links to other valuable funding, guidance and tools on Web sites of state, tribal, and federal partners, universities, and nonprofit organizations. EPA's new site is located at: www.epa.gov/watershedcentral

Video Contest to Educate the Public about Water Quality - Apr 22

The U. S. Environmental Protection Agency Office of Wetlands, Oceans and Watersheds (OWOW) is sponsoring a video contest to engage the public on water quality issues and to inspire stewardship for the nation's waters. OWOW is soliciting short videos to help educate the public about water pollution and simple steps that individuals and communities can take to improve and protect water quality. Videos are being accepted on a wide variety of topics including: low impact development, wetlands, marine debris, watershed management, water quality monitoring, polluted runoff, and other water-related topics. The videos should convey to the public easy, low-cost steps that individuals and communities can take to improve and protect the nation's streams, rivers, lakes, wetlands, estuaries, and oceans. The contest will run until Earth Day, April 22, 2009. Videos will be judged by a panel of experts on the basis of creativity and originality, quality, technical accuracy, and content of message. Two winners will be chosen for 1) a short, 30 or 60 second video that is useable as a public service announcement, and 2) a longer 1 to 3 minute video. Each winner will receive a \$2,500 cash award and their videos will be featured on EPA's Web site. For more information on the video contest please go to: <http://www.epa.gov/owow/videocontest.html>

Volunteers Needed to Track Seasonal Signs of Climate Change

Volunteers across the nation are being recruited to get outdoors and help track the effects of climate on seasonal changes in plant and animal behavior. The USA-National Phenology Network (USA-NPN), a consortium of government, academic and citizen-scientists, is launching a new national program built on volunteer observations of flowering, fruiting and other seasonal events. Scientists and resource managers will use these observations to track effects of climate change on the Earth's life-support systems.

<> Get Involved: <http://www.usgs.gov/newsroom/article.asp?ID=2151>

Building Green Sustainable Communities

Building Green Sustainable Communities is a special report from Local Initiatives Support Corporation (LISC) that highlights the group's green projects. It's part of LISC's Building Sustainable Communities strategy to revitalize distressed neighborhoods. This special report highlights LISC's green projects, including training for green jobs; construction of new affordable housing and retrofit of existing homes; urban farms and farmers markets; green schools and environmental education programs; and parks and city street clean-up efforts. 4 pages (1.0mb); available online as a PDF document through the resource link below. Resource: <http://www.lisc.org/content/publications/detail/8101>

Greening Your Charity Car Wash

The charity carwash is a great way for any school, club, or non-profit to raise money. It's fun and you'll usually get a good turnout. One thing that's often overlooked is the environmental impact of a charity carwash on our water supply. Let's stop and think about this for a moment. You'll be washing dozens of cars in a small area over the course of a few hours. All the pollutants you've just scrubbed off your patrons cars, including brake dust, oils, exhaust fumes, and heavy detergents, has now entered into the environment completely untreated. Not only is this illegal (see the EPA's requirements), but it also going to have a serious impact on local waterways. There are a few preventative measures your group can take before you hold one of these events. One of the best ways is to team up with a local carwash. Their facilities will use less water, be faster, and most importantly, treat any water before it's released back into the environment. You'll safely be able to comply with EPA regulations, while also holding a more efficient fundraiser. Another alternative is to hold a charity waterless car wash. These products will allow your group to wash cars without using soapy suds and hoses. What's nice about [waterless car wash](#) products is that they give you greater flexibility of where you'd like to hold your carwash. Since there is no need for a water-hookup, you'll be able to pick an ideal location. A great online resource for more information is the [Puget Sound Car Wash Association](#). They help local charities coordinate an eco-friendly car wash. I'd definitely recommend checking it out for more ideas.

Green Living Tips About Water

([GreenLivingTips.com](#)) - We may be able to go without food for a while, but not water. Increasingly our water supplies are being threatened by poor environmental practices. Pick up some earth friendly tips on all things water related. Read more...

<http://www.greenlivingtips.com/categories/water/>.



WATERSHED FINANCIAL ASSISTANCE

EPA Issues Guidance for Water Funds Under the Recovery Act

On March 2, EPA issued guidance on the award of Drinking Water and Clean Water State Revolving Fund Capitalization Grants under the "American Recovery and Reinvestment Act of 2009" (ARRA). The ARRA provides \$2 billion to the Drinking Water State Revolving Fund and \$4 billion to the Clean Water State Revolving Fund (CWSRF). On March 12, EPA issued new guidance for the administration of Water Quality Management Planning (WQMP) Grants funded under the ARRA. According to Section 604(b) of the Clean Water Act, 1% of each state's CWSRF allotment is reserved for WQMP activities. This means that nearly \$40 million will be available nationally to support a broad range of planning activities. Examples of these activities might include: addressing nutrient pollution from cities and agriculture on a watershed basis, protecting undeveloped areas through "green infrastructure" techniques, creating low impact development programs that will protect water quality in developing areas, developing watershed plans and total maximum daily loads, analyzing trends in water availability and use, and developing response plans to adapt to climate change. For a copy of the guidance documents, please visit <http://www.epa.gov/water/eparecovery/>

Spending the Stimulus

Governors and state departments of transportation around the country are burning the midnight oil to prepare lists of transportation projects that could be funded under President Obama's economic stimulus package, The American Recovery and Reinvestment Act. While states develop these lists of transportation projects to be funded with stimulus money, Smart Growth America has partnered with state and local groups across the country to release a report showing the many ways the money can be used in each state to address their citizens' transportation priorities and get the biggest bang for the buck. Spending the Stimulus is a report from Smart Growth America that lays out 20 ways that state officials can and should spend the federal funding on ready-to-go projects that will address long-neglected transportation priorities while providing speedy and robust job creation and economic recovery. 27 pages (0.7mb); available online as a PDF document at the resource link below. Resource: <http://stimulus.smartgrowthamerica.org/wp-content/uploads/2009/03/20-projects-report-compressed.pdf>

World Bank Grant - Apr 6

The Development Marketplace is a competitive grant program administered by the World Bank. The 2009 global competition is funded by various partners and it aims to identify 20 to 25 innovative, early-stage projects addressing climate adaptation. The DM is a unique opportunity to turn your idea into reality; if selected your project could receive up to US\$200,000 in grant funding for implementation over two years. Resource: <http://pgblog.worldbank.org/development-marketplace-grant-competition-2009-climate-adaptation>

USDA Will Restore and Protect Flood-Prone Lands with Economic Recovery Funding - Apr 10

The U.S. Department of Agriculture (USDA) will provide up to \$145 million to eligible landowners nationwide through the floodplain easement component of its Emergency Watershed Protection (EWP) Program. The funds will be used to restore an estimated 60,000 acres of frequently flooded land to its natural state and create jobs. NRCS is accepting applications from owners for the Emergency Watershed Protection Floodplain Easement Program. Follow the links below for additional information. Deadline extended until April 10, 2009. Landowners interested in submitting applications can get additional information by contacting the local USDA NRCS Service Center in York at (717) 755-2966, or on-line at <http://offices.sc.egov.usda.gov/locator/>. For more information about EWP Program floodplain easements, please visit <http://www.nrcs.usda.gov/programs/ewp/Floodplain/index.html>.

Brownfields Job Training grants under the American Recovery and Reinvestment Act of 2009 - Apr 20

EPA will soon announce a new solicitation for Brownfields Job Training grants under the American Recovery and Reinvestment Act of 2009 (aka the Stimulus Bill). EPA hopes to post the proposal guidelines on the weblink below in the next day or so. Proposals are due April 20, 2009 (<http://www.epa.gov/brownfields/eparecovery/index.htm>). This notice announces the availability of American Recovery and Reinvestment Act funds and solicits applications from eligible governmental entities and non-profit organizations to provide environmental job training projects that will promote job creation and economic development by facilitating the assessment, remediation, or preparation of brownfields sites. Eligible applicants must identify and propose to serve a community that currently receives, or has received, financial assistance (federal, state, or tribal) for brownfields assessment, revolving loan fund, cleanup, site-specific work carried out by state or tribal

response programs, and/or targeted brownfields assessments performed directly by EPA. Furthermore, under this opportunity, the Agency is soliciting applications for projects that can be started expeditiously by applicants who can demonstrate the ability to contribute to economic recovery through the creation and/or preservation of jobs. The full RFA is expected to be posted by March 19, 2009. For additional information, visit the following weblink on grants.gov

<http://www07.grants.gov/search/search.do?jsessionid=70bWJ32Sdy2yCrhSjkCqJ00LGV5VnnMDBOpWS62nbMkHmn1Yyy8L-1536506329?oppld=45831&flag2006=false&mode=VIEW>

PA American Water Accepting Environmental Grant Applications – May 1

Pennsylvania American Water announced this week they are accepting applications for its 2009 [Environmental Grant Program](#) to support innovative, community-based environmental projects that improve, restore or protect watersheds and community drinking water supplies. Applications must be postmarked by May 1. The company will award grants of up to \$10,000. The program is designed to support diverse types of activities, such as watershed cleanups, reforestation efforts, underground tank inspection programs, biodiversity projects, streamside buffer restoration projects, wellhead protection initiatives and hazardous waste collection efforts. To qualify, a proposed project must be: located within Pennsylvania American Water's service area; and completed between June 1, 2009 and November 1, 2009; and new or innovative community initiative or serve as significant expansion to an existing program. Projects will be judged based on criteria that include clarity of project goals and projected impact, strength of collaboration with other community and/or municipal organizations, and evidence that the project will provide sustainable environmental results after the Pennsylvania American Water's funding ends. Applications should be mailed to: Pennsylvania American Water, 800 West Hersheypark Drive, Hershey, PA 17033. Attn: Terry Maenza. Visit the Environmental Grant webpage for more information at <http://www.amwater.com/paaw/ensuring-water-quality/environmental-grants-program.html>.



WATERSHED FACILITATION ASSISTANCE

PennVEST Public Meeting on American Recovery and Reinvestment Act (ARRA) – Apr 1 & 14

This new law provides \$6 billion for state water revolving funds with \$4 billion targeted for clean water projects and \$2 billion for drinking water. And, at least 20 percent of the funds shall be used for "projects that address green infrastructure, water or water efficiency improvements or other environmentally innovative activities" to the extent that there are sufficient eligible project application. The Commonwealth's allocation of funding is approximately \$65.6 million for DWSRF and for the CWSRF it is approximately \$155.2 million. Of this, approximately \$8.8 million will be set-aside for program administration. As noticed in the Saturday, March 14, 2009 "Pennsylvania Bulletin", PENNVEST will hold a public meeting on April 1 on the intended use plans for the additional water infrastructure funding made available by ARRA. A copy of the intended use plans will be posted on DEP's Municipal Finance Information webpage. As it relates to the 20 percent of the funds (also known as the Green Project Reserve), a "Pennsylvania Bulletin" notice is planned for publication April 4th which will direct readers on where to find information related to the application instructions. A meeting will be held for prospective applicants in the RCSOB auditorium April 14th beginning at 1:00 pm to discuss the application in greater detail. Applications will be solicited April 6-May 18 and will be reviewed and awarded at the July PENNVEST Board Meeting. Additional Info <http://www.recovery.pa.gov/portal/server.pt>

Free Watershed Academy Webcast on New Watershed Central Web site – Apr 15

Registration is now open for EPA's Free April 15th Watershed Academy Webcast on Watershed Central For more information or to register, visit www.epa.gov/watershedwebcasts. Watershed Central: A New Gateway to Watershed Information EPA's Watershed Academy sponsors free monthly Webcasts for watershed practitioners from around the globe. On Wed., April 15, 2009, Stuart Lehman from EPA's Nonpoint Source Control Branch, Kim Balassiano from EPA's Office of Environmental Information and Joe Williams from EPA's Office of Research and Development will discuss EPA's Watershed Central, a new web-based system for organizing EPA's information and tools using an integrated watershed management framework. "Watershed Central is a "one-stop" tool to help watershed organizations and others find environmental data and other information depending on the task at hand. It also contains links to watershed technical resources and funding, watershed organizations, and mapping applications to help find information specific to named watersheds and includes a "Watershed Wiki" that watershed practitioners may use to collaborate. Join us for this exciting Webcast to learn about Watershed Central including instructions on how use the new Watershed Wiki. Watershed Central is located at: www.epa.gov/watershedcentral.

"GROWING GREEN JOBS" WORKSHOP – Apr 25

The "Growing Green Jobs" seminar/workshop will be held April 25, Sat. 8:30am to 12:30pm, or beyond, at the PennState York campus, Edgecombe Ave, entrance, York, in the Ruhl Community Building. Speakers include: Acting Sec. John Hanger, Pa. Department of Environmental Protection(DEP); Tom Tuffey, Dir. Energy/Enterprise division /PennFuture; Kevin Abbey, Penn State main PenTep program); State Rep. Eugene Depasquale/York; Dr. James Kraft, York County School of Tech; David Hortman, York Technical Institute; Rep. from Wagman Construction; Tom Donley, York Chamber of Commerce. Additionally, representatives from York businesses and organizations have been invited to attend, including a representative from Rep. Platt's office, and participate in the discussions, including Susquehanna Sustainable Business Network. Following the presentations by guest speakers, there will be a Q and A period and then the potential to break up into discussion groups, lasting beyond 12:20pm. There is not admission fee, but seating is limited by the size of the community room, so pre-registration is encouraged. email to: info@yorkcountyconservationalliance.org or call 717-845-3797

National Volunteer Week – Apr 19-25

National Volunteer Week takes place the week of April 19-25 to honor volunteers who are dedicated to taking action and solving problems in their communities. National Citizen Corps Affiliate, the Points of Light Institute and the HandsOn Network, believes through volunteerism and civic engagement, volunteers can meet the needs of the 21st Century. To learn more about National Volunteer Week, visit <http://www.pointsoflight.org/programs/seasons/nvw/>. Additionally, the Points of Light Institute offers a variety of resources on volunteer management and engagement that can benefit Citizen Corps Councils and partners. Visit their Resources Page to learn more <http://www.pointsoflight.org/resources/>.

PENNFUTURE'S Northeastern PA global warming conference: Pennsylvania's changing climate – Apr 26

Sunday, April 26, 2009, 1:00 p.m.-6:00 p.m. Penn State Wilkes-Barre, Bell Center for Technology, Fortinsky Auditorium (T-101), Nittany Drive, Lehman (Wilkes-Barre area), PA 18627.

Municipal MS4 Officials & Employee Training Opportunity – May 26

A new LTAP training course has been scheduled within your county. If interested, please visit the LTAP website and register for this class. If you have any questions, please contact your LTAP Administrator via the LTAP website and your question will be answered as quickly as possible.

- STORMWATER MANAGEMENT (RS-M09) - 5/26/2009; 8:00 AM - 3:00 PM; PENN TOWNSHIP PUBLIC WORKS BUILDING, 976 WILSON AVENUE, HANOVER, PA 17331

Questions? Please call 1-800-FOR-LTAP for assistance.

River Network's National River Rally 2009 Baltimore – May 29–Jun 1

River Network's 10th National River Rally will help grassroots groups harness the power of citizen involvement to protect rivers and build healthier communities and watersheds. The River Rally will bring together hundreds of friends of rivers, water keepers, monitors, watchdogs, stewards, guardians and others involved in watershed protection and restoration. Participants include volunteers, board members, staff members, experienced leaders and new watershed protection enthusiasts. Together, we will celebrate rivers, teach and learn from each other and explore the power of citizen action. Register: <http://www.rivernetwork.org/programs/national-river-rally>

Mid-Atlantic Stream Restoration Conference (MASRC) – Nov 3-5

The fourth Mid-Atlantic Stream Restoration Conference (MASRC) is scheduled for November 3-5, 2009 at the Waterfront Place Hotel in Morgantown, West Virginia. The theme of this conference is The Benefits of Stream Restoration. Conference presentations (platform and poster) will highlight scientific research, case studies, engineering techniques, monitoring methods, costs/benefits, regulation and policy, and meeting project goals/objectives. Although the geographic focus of this conference lies in the Mid-Atlantic region, papers of a broader geography on stream and river restoration are welcome. Submit abstracts via the Abstract Submittal Form below, or contact Paula Worden at paula.worden@canaanvi.org or 1-800-922-3601 ext. 223. The MASRC planning committee will accept abstracts for the 2009 conference until April 30, 2009. Presenters will be notified of their acceptance by June 30, 2009. Registration and logistical information for the conference will be available on Canaan Valley Institute's 'Events' webpage on April 1, 2009. Please bookmark this page and check back later for details. CVI Events page: http://www.canaanvi.org/canaanvi_web/events_ed.aspx



WATERSHED TECHNICAL ASSISTANCE

Tree Species Composition Influences Nitrogen Loss From Forests

ScienceDaily (Mar. 23, 2009) — Throughout the world, nitrogen compounds are released to the atmosphere from agricultural activities and combustion of fossil fuels. These pollutants are deposited to ecosystems as precipitation, gases, and particles, sometimes many hundreds of miles downwind of their release point. The Catskill Mountains of southeastern New York are a case in point—though they contain little in the way of industrial or agricultural pollution sources, they receive some of the highest nitrogen deposition rates in North America due to pollutants drifting in from midwestern power plants and east-coast cities. Anyone who grows plants for food, fiber, or flowers, knows that nitrogen is crucial for healthy plant growth. But excess nitrogen that leaches from a forest can acidify the soils and streams and decrease water quality. Prior research has shown that in addition to plant uptake, microbial processes are very important in retaining nitrogen in forest soils, and that forested watersheds in the Catskills vary markedly in the amount of nitrogen they can absorb and prevent from leaching away. So why would atmospheric nitrogen deposition lead to increased losses of nitrogen from some forests and not from others? The research is focused on the tree species control on nitrogen cycling dynamics in the Catskill Mountains. Part of a long-term research project on nitrogen cycling in Catskill forests, this study utilized a stable isotope technique to determine how the microbes consume and transform nitrogen in the soil under stands of five different tree species that are common in the Catskills. Half of the forest plots also had experimental nitrogen fertilizer treatments. The study showed that forests dominated by sugar maple are particularly susceptible to nitrogen leaching, while soils under red oak and hemlock forests are better at retaining nitrogen and preventing leaching losses. This difference was partially related to the ratio of carbon to nitrogen in the soils. The microbes under the different tree species vary considerably in their production of nitrate, the form of nitrogen that is most readily leached into streams. However, unlike previous studies from western forests, this study found very little consumption of nitrate by the soil microbes in any of the forest types. Because of the low nitrate consumption, the forest types that have high nitrate production (such as sugar maple) also have high nitrate losses via leaching. This study was funded by the National Science Foundation and the U.S. Department of Agriculture. *Journal reference: Christenson et al. The Influence of Tree Species, Nitrogen Fertilization, and Soil C to N ratio on Gross Soil Nitrogen Transformations. Soil Science Society of America Journal, 2009; 73 (2): 638 DOI: [10.2136/sssaj2008.0049](https://doi.org/10.2136/sssaj2008.0049).*
Adapted from materials provided by [Soil Science Society of America](http://www.soilsociety.org).

Study Assesses Impact Of Fish Stocking On Aquatic Insects

ScienceDaily (Mar. 29, 2009) — The impact fish stocking has on aquatic insects in mountain lakes can be rapidly reversed by removing non-native trout, according to a study completed by U.S. Forest Service and University of California, Davis, scientists. Their findings appear in a current online issue of the journal *Freshwater Biology* where they describe experiments that examined some effects of fisheries management practices now in use in California mountain lakes where fish do not naturally occur. The research has value because the vast majority of mountain lakes in the western United States have been stocked with trout for several decades. Studies following lake restoration to fishless conditions will help scientists and wildlife managers understand the impact of past actions and future decisions. Since 2000, the California Department of Fish and Game has reduced the number of wilderness lakes it stocks by about half because non-native fish feed on declining species like the Sierra Nevada yellow-legged frog. Federal and state agencies have also begun removing introduced trout in some lakes because fish can survive for years and continue feeding on sensitive species, after stocking has ceased. Until now, scientists seldom studied the response of aquatic insect populations to the removal of non-native trout. The National Science Foundation, U.S. Forest Service, California

Department of Fish and Game, and University of California funded the study, which matched current California fisheries management practices by including lakes with continued stocking of trout, suspension of stocking and removal of all fish. It also included fish-free lakes as reference sites for the study. The researchers used floating nets on each lake's surface to quantify aquatic insect populations. They also used gill nets to sample trout density at lakes where there was continued stocking or suspension of stocking. Their results showed the presence of introduced trout was the most important factor affecting the emergence of insects from the lakes. Aquatic insect populations quickly increased when trout were removed from lakes. However, the scientists found suspension of stocking was not effective for restoring insect abundance in most lakes. This was not surprising because suspension of stocking alone had little effect on trout density, according to the researchers. *Journal reference: Pope et al. Changes in aquatic insect emergence in response to whole-lake experimental manipulations of introduced trout. Freshwater Biology, 2008; DOI: [10.1111/j.1365-2427.2008.02145.x](https://doi.org/10.1111/j.1365-2427.2008.02145.x). Adapted from materials provided by [US Forest Service, Pacific Southwest Research Station](#).*

Nanoparticles In Cosmetics, Personal Care Products May Have Adverse Environmental Effects

ScienceDaily (Mar. 27, 2009) — Using aquatic microbes as their "canary-in-a-cage," scientists from Ohio today reported that nanoparticles now being added to cosmetics, sunscreens, and hundreds of other personal care products may be harmful to the environment. Their report was part of symposia that included almost two dozen papers at the 237th National Meeting of the American Chemical Society where scientists grappled to understand the environmental and human health effects of nanotechnology. Hundreds of products utilizing these microscopic particles — 1/5,000th the diameter of a human hair — already are on the market. With many more poised for debut, scientists are seeking to avoid unwanted health and environmental effects in advance. The study by Cyndee Gruden, Ph.D. and Olga Mileyeva-Biebesheimer focused on nano-titanium dioxide (nano-TiO₂) particles found in cosmetics, sunscreens, and other personal care products. The particles are added to those products for their highly beneficial effects in blocking ultraviolet light in sunlight. Excess exposure can cause premature aging of the skin and skin cancer. Gruden, who is with the University of Toledo, explained that the particles are washed down the drain in homes as people bathe and end up in municipal sewage treatment plants. From there, they can enter lakes, rivers, and other water sources where microorganisms serve essential roles in maintaining a healthy environment. Gruden studied survival of *Escherichia coli* (E. coli) bacteria when exposed in laboratory cultures to various amounts of nano-TiO₂. She found surprisingly large reductions in survival in samples exposed to small concentrations of the nanoparticles for less than an hour. The findings open the door to future research, including studies to determine whether the same effects occur in the natural environment. There's much debate in the science community about nanoparticle toxicity, Anderson said. Some scientists believe that nanoparticles in nature will aggregate together or bind onto silt and/or other organic matter, greatly reducing their toxicity. We don't know if that's true or not So other members of this Utah research group currently are investigating that aspect of the issue. Although the public is ultimately responsible for understanding the risks of consumer products, Gruden said, science plays a large role in highlighting possible hazards. "It is the scientist's job to perform good research and let the findings speak for themselves," she said. And so far the promises of nanotechnology need more evaluation. To date, it's unclear whether the benefits of nanotech outweigh the risks associated with environmental release and exposure to nanoparticles. *Adapted from materials provided by [American Chemical Society](#), via [EurekAlert!](#), a service of AAAS.*

Bay slightly healthier in 2007 compared to 2006

Overall health was slightly better in 2007 compared to 2006, increasing from a score of 39%* to 42%, which is rated moderate-poor. This small improvement was largely due to improved water clarity, phytoplankton community, and aquatic grasses scores, leading to reporting region scores that were higher in 2007 than in 2006. However, these improvements did not occur everywhere, with some regions of the Bay having decreased health, such as the York River, Patuxent River, and Lower Eastern Shore. The most improved regions in 2007 were the Upper Western Shore and Choptank River. Improvements in these regions resulted in the Upper Western Shore becoming the top-ranked region in 2007, with a score of 65% or "B", and the Choptank River increasing from 21 (second worst) in 2006 to 37 in 2007. Improved scores in 2007 may in part be due to summer drought conditions, which resulted in less nutrients and sediments entering the Bay at a critical time of the year. While restoration efforts continued in earnest during 2007, it will only be possible to determine if they are having an effect through continued monitoring and assessment. Read more... http://www.eco-check.org/reportcard/chesapeake/2007/overview/#_Region_Rankings.

Green Neighborhood Design ala "Prefurbia"

After spending 25 years designing over 600 communities in 45 states and 10 countries, we wrote the book *Prefurbia* to make an awareness for those involved in the processes of land development about new ideas, techniques and methods that we had discovered relating to suburban site design. In addition to these new methods, the book explains problems with the current regulatory systems, mostly caused by our minimums based regulations, and ending with an example of a new type of "rewards based" ordinance.

<> Resource: <http://www.ecoworld.com/blog/editor/guest/2009/02/12/green-neighborhood-design-ala-prefurbia/>

Local Planning: Contemporary Principles and Practice

Local Planning: Contemporary Principles and Practice is the all-new edition of the popular book, *The Practice of Local Government Planning*, which has been the valued resource for preparing for the American Institute of Certified Planners (AICP) exam. This new edition helps the reader understand the complexities of planning at the local level, and prepare to make decisions in a challenging environment. *Local Planning: Contemporary Principles and Practice* focuses on emerging issues and future challenges, offering useful, current examples of leading planning practices. The organization and content of the book will help planners and nonplanners who manage the work of planners apply well-reasoned strategic thinking to their planning challenges, and will help students of the profession bridge theory and practice. Read more at the resource link below. Resource: http://bookstore.icma.org/Local_Planning_Contemporary_P_P1917C29.cfm

R/UDAT: Planning Your Community's Future: A Guide to the Regional/Urban Design Assistance Team Program

Communities across the country are constantly changing. Some of the challenges they encounter include the loss of major employers, new bypass roads, gridlock, unfocused suburban growth, crime, loss of open space, regional conflict, unaffordable housing, abandoned mills and industrial plants, environmental problems, vacant storefronts, and loss of identity. The American Institute of Architects (AIA) has updated its *R/UDAT Guide: Planning Your Community's Future*. R/UDAT is AIA's Regional/Urban Design Assistance Team, which helps communities respond to these kinds of issues, develop a vision for a better future for your community, and implement a strategy that will produce results. Since 1967, the American Institute of Architects' R/UDAT Program has used a grassroots approach to help create livable communities.

Housed in the AIA Center for Livable Communities, the program combines local resources with the expertise of a multidisciplinary team of nationally recognized professionals who volunteer their time to identify ways to encourage desirable change in a community. The team conducts an intensive four-day workshop onsite, engaging all members of the community in creating a vision for the future. The process is fast-paced, exciting, and energizing. 24 pages (2.4mb); available online as a free PDF document at <http://www.aia.org/aiaucmp/groups/aia/documents/pdf/aia077994.pdf>.

AASHTO Sustainability Case Studies

The Center for Environmental Excellence by AASHTO (the American Association of State Highway and Transportation Officials) maintains a Sustainability section on their website that includes examples of case studies including best practices and/or innovative tools/approaches that apply to transportation issues. Main topic categories include: Relevant Laws, Regulations, and Policies; Measuring Sustainable Transportation; and Applying Sustainable Transportation. AASHTO's Center for Environmental Excellence has been developed in cooperation with the Federal Highway Administration to promote environmental stewardship and to encourage innovative ways to streamline the transportation delivery process. The Center is designed to serve as a resource for transportation professionals seeking technical assistance, training, information exchange, partnership-building opportunities, and quick and easy access to environmental tools. Read more at the resource link below. Resource: http://environment.transportation.org/environmental_issues/sustainability/case_studies.aspx

Water Quality and Transportation

The Center for Environmental Excellence by AASHTO (the American Association of State Highway and Transportation Officials) maintains a Water Quality/Wetlands section on their website that provides brief summaries of federal water quality and wetlands requirements applicable to the transportation community. Main topic categories include: Water Quality and Wetlands Background; Water Quality Basics; and Wetlands Basics. AASHTO's Center for Environmental Excellence has been developed in cooperation with the Federal Highway Administration to promote environmental stewardship and to encourage innovative ways to streamline the transportation delivery process. The Center is designed to serve as a resource for transportation professionals seeking technical assistance, training, information exchange, partnership-building opportunities, and quick and easy access to environmental tools. Read more at the resource link below.

Resource: http://environment.transportation.org/environmental_issues/water_wetlands/

Conservation Easements and Wetland Ordinances – An environmental balancing act

Wetlands need all the protection they can get, and conservation easements and wetland ordinances are two good ways to protect them. Ordinances are laws adopted by municipalities and counties to cover matters that aren't already covered by state or federal laws. They specify the way or ways land may be used in particular areas. In general, federal and state regulations protect isolated wetlands that are larger than 5 acres, and wetlands of any size that are connected to other bodies of water, such as rivers and lakes. Local governments may build on these regulations with an ordinance to protect additional wetlands. Read more... <http://www.stormh2o.com/march-april-2009/wetland-ordinances-easements.aspx>

The Four Levels of Improved Rain Garden Performance

(Stormwater) – Across the US, rain gardens (bioretention facilities) and other low-impact development (LID) practices are being installed beside parking lots and streets to naturally infiltrate and filter stormwater. Just like any filter, these need to be checked to see if they're working properly. Industrial filter systems come wired with sensors and displays to indicate pressure losses, flow, and pollutant removal, but how do we know if our rain gardens are functioning properly? In this article we describe a new approach developed at the University of Minnesota that includes controlled testing as a key component in a four-level assessment program. In order of increasing effort and cost, the four levels are: Visual inspection; Infiltration capacity testing; Synthetic runoff testing; and Monitoring. Visual inspection involves examination of the vegetation and soil and is used to quickly determine if a rain garden is malfunctioning and in need of maintenance or replacement. Infiltration capacity testing involves the use of infiltrometers to make local measurements of surface infiltration throughout an LID practice. In synthetic runoff testing, a fire hydrant or water truck is used to fill the basin with water, and the overall drain time of the rain garden is determined. Monitoring is the measurement of runoff quantity and quality from natural storms; it can be used to assess the function of infiltration practices within a given watershed. Monitoring is especially useful for watershed-scale studies to assess overall pollutant loads to receiving waters and the impact of LID practices on these loads. Read more...<http://www.stormh2o.com/september-2008/rain-garden-assessment.aspx>

PA Bulletin Online

[Volume 39, Number 12](#)

Saturday, March 21, 2009

Pages 1379-1470

[Volume 39, Number 13](#)

Saturday, March 28, 2009

Pages 1471-1604

DRAFT TECHNICAL GUIDANCE DOCUMENTS AVAILABLE

As of Tuesday, April 1, 2009 - To access the document, click on the ID number. Note: The draft date will show the most recent draft available. The comment period may have passed but the draft will remain available at this site until the document is finalized.

ID NUMBER	DOCUMENT TITLE	DRAFT DATE	COMMENT BY	CONTACT	PHONE
362-2000-009 PDF File	Manual for Land Treatment of Wastewater	3/21/2009	4/22/2009	Kevin McLeary	(717) 783-1820