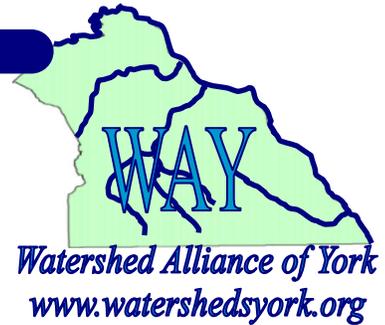


WAY E-NEWS

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



April 26, 2009

A PUBLIC-PRIVATE PARTNERSHIP

Volume 9, Issue 9

INSIDE THIS ISSUE...

WATERSHED ALLIANCE NEWS

WATERSHED EDUCATION & OUTREACH...Page 9

- 2009 Stewardship Week – "Dig It! The Secrets of Soil" - Apr 26–May 3
- National Drinking Water Week – May 3-9
- Municipal Pollution Prevention/Good Housekeeping Webcast – May 14
- DEP Requesting Comments On Draft PA Climate Impact Assessment Report – May 18
- How to Read the River: Measuring Stream Form and Functions – Jun 1-5
- DEP Extends MS4 Permit Public Hearings – Jul 6
- Law would protect drinking water
- Smart Growth Act of 2009 Introduced on Capitol Hill
- U.S. House passes emerging contaminants water research bill
- U.S. Senate Moves to Restore Strong Protections for America's Waters
- EPA Launches "Healthy Watersheds" Initiative and Web Site
- TreeVitalize allows homeowners to have their tree plantings count toward statewide goal

WATERSHED FINANCIAL ASSISTANCE...Page 11

- Chesapeake Bay Small Watershed Grants Program – May 1
- Fund for Wild Nature Accepting Grant Applications – May 1
- Small Business Energy Efficiency Grant Program – May 1
- Multistate Conservation Grant Program Requests Letters of Intent – May 6
- Apply for American Recovery and Reinvestment Act (ARRA) Funding – May 18
- NRCS to Provide \$3.1 Million to Protect Pennsylvania Farmland – Jun 1
- 'PATH to Organic' Program Introduced – Jul 31
- Foundation For Pennsylvania Watersheds Grants – Aug 21
- Celebrate A Decade Of Growing Greener Watersheds, Earn \$250 For Your Watershed Group!
- DCNR Invites High School Students To Apply For Environmental Careers Camps

WATERSHED FACILITATION ASSISTANCE...Page 12

- 7th Annual Pennsylvania Land Conservation Conference/Confluence 2009 – May 7-9
- River Rally 2009 – May 29 – Jun 1
- Stimulating Pennsylvania's 21st Century Energy Economy – Jun 4
- Second Annual Watershed Management Workshop for Teachers – Jun 23-24

WATERSHED TECHNICAL ASSISTANCE...Page 13

- ATTENTION: Potential up-and-coming invasive plant species, wavyleaf basketgrass
- Bay Receives a C-Minus on Latest Health Report Card
- CWP Runoff Ramblings
- Much Better Way To Protect Streams From Construction Runoff Is Also Low Cost
- Challenges of Stream Restoration as a Stormwater Management Tool
- Proceedings EPA Water Infrastructure Sustainability and Adaptation to Climate Change" Online
- PA Bulletin Online – <http://www.pabulletin.com/secure/data/vol39/>
- DEP eNOTICE – Proposed Regulation Update
- DRAFT TECHNICAL GUIDANCE DOCUMENTS AVAILABLE
- TECHNICAL GUIDANCE & PERMITS

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/

- Project Clean Stream Annual Stream Clean Up is a Success! Volunteers Register 156 clean-up sites throughout Maryland
- Join the growing Chesapeake Watershed Network - www.chesapeakekenetwork.org/profile.htm?mode=getagreement
- June 24-28th - Lower Susquehanna Sojourn from Harrisburg, PA to the Holtwood Dam. This five-day, four night sojourn will tour the Lower Susquehanna Region. The sojourn will kick-off with a celebration in Harrisburg on June 24, then move downstream stopping in some very special River Towns like Wrightsville, Columbia and Marietta where we will learn about the Native American culture of the region, migratory fish and birds and how the people of this region are caring for the Susquehanna River. For more information contact katiesoj@earthlink.net or call the Sojourn Hotline at 717-737-8432 ext: 12
- 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

- Jun 2 - River Action Day provides a unique opportunity for river advocates from across the country to meet with their Members of Congress to discuss the value of healthy rivers to their communities. This year's River Action Day is special because it coincides with River Network's 10th annual River Rally in Baltimore, MD. By coordinating these two events, participants will save both money and time participating in two of the river community's hallmark events in the same trip. Advocacy training for River Action Day will take place on the last day of [River Rally](#) (Monday, June 1). River Action Day participants will extend their stay through Tuesday, June 2, when they will head to Washington, DC to meet with their Congressional delegation on Capitol Hill and advocate for greater protections for our nation's rivers. River Action Day 2009 is being held in conjunction with River Network's River Rally in Baltimore, MD. Advocacy training will take place in Baltimore at the Hyatt Regency on Monday, June 1. Trained advocates will head to Washington, D.C. on Tuesday, June 2nd to deliver the important message of river conservation to Congress. If you are attending River Rally, you can register for River Action Day through the River Network's River Rally registration page. <https://rivernetwork.org/rally/rallyreg.php>.
 - American Rivers Now on Facebook - <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 - <http://www.capitalrcd.org/noframes/index.htm>

- The Buy Fresh Buy Local Campaign continues to plan events and inform consumers of the many and varied opportunities to "taste the gifts of our region." Watch the Capital RC&D web site or the Pennsylvania Buy Fresh Buy Local web site (www.buylocalpa.org) for updates.
- <> 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

- CBF President Will Baker talks about The Biggest Fight For Clean Water This Nation Has Ever Seen. Applications for CBF's Summer Leadership Program and Professional Development summer courses are due by May 1, 2009. Read more... http://www.cbf.org/site/DocServer/STB09Spring_WBLetter_BFE.pdf?docID=14683
 - [Join CBF](#) outside the EPA building during lunch on May 4, 5 or 6. We will be leafleting and gathering signatures to present to the EPA Administrator. Sign up here.
 - CBF has launched a major campaign to ensure that the reauthorization of the Highway Bill ensures cleaner water and a healthier environment.
 - We want to see your vision of the Bay region—from Pennsylvania to Virginia, from the Shenandoah Mountains to the Eastern Shore. Enter your photos today.
- <> Contact Kim Patten, PA Deputy Director & Grassroots Coordinato, Chesapeake Bay Foundation, 614 N Front Street, Ste G, Harrisburg, PA 17101. Phone: 717/234-5550, ext. 214. E-mail: KPatten@cbf.org. Web: www.cbf.org

Codorus Creek Improvement Partnership - www.codoruscreek.com

- Thanks to the 60 folks that came out to the Codorus Spring Cleanup, including Wagman Construction, the Children's Home of York and West York Rotary Club. A special thanks also goes out to Bethel #1 Job's Daughters International for their fundraising and participation. This section of the Codorus hasn't looked this clean in a hundred years! On Saturday, before the cleanup, I caught a 15 inch largemouth at King's Mill Dam just as a bald eagle was flying right down the Codorus through York City! This is a dream come true, thanks again.
- <> 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

- Jul 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

Condoquinet Creek Watershed Association - www.conocreek.org

- Sat, May 2 - Letort Festival
 - Tue, May 12 - Board meeting
 - May 16 - The Condoquinet Creek Watershed Association, Mechanicsburg Area Environmental Club, and Diakon Wilderness Center are joining forces again in 2009 to clean the creek through Hampden and Silver Spring Twps.. Our goal is one mile of bank and creek bed a month from May to September. In a perfect world, that would be 5 miles a year. We are cleaning the one mile of creek on the western side of Bent Creek Road / eastern side of Condoquinet Parkway (Route 114). This event will be held on May 16, 2009 at 8:45. We will meet, park our vehicles, and carpool to the entry site. Upon exiting the creek, we will be very close to our cars. Please, everyone, park on the left side. At 8:45ish we will carpool to our entry spot. If you have any problems locating us, call Paul Garrett on his cell phone 514-3546. Please reply or call 737-2554 or 514-3546 with questions, comments, sign up.
 - Sat May 16 - Stream Clean-up; Mchsbg E-Day & Wildflower walk; Canoe trip
- <> 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

- FYI to all those who have been involved in the Holtwood Relicensing Process: PPL is in the final stages of reexamining finances for the redevelopment project. They may submit a request to reopen the 401 application. It is expected that all previous agreements would remain on the table.
 - May 2 - Small Stream Exploratory
 - May 8-9-10 - Beginners Kayak Course
 - May 10 - Shermans Creek
 - May 16 - Shenandoah Staircase
 - May 16-17 - Beginners Canoe course; Please register by May 7
 - May 23-24 - North Branch of the Potomac
 - May 30 - Isaac Walton League Youth Field Day
- <> Questions or comments e-mail me oc1mike@comcast.net, but remember, you catch more flies with honey than vinegar.

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

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

Doyle Farm Nursery - www.doylefarm.com

- July 11 - Saturday only the Bring Back the Natives 4th Annual Garden Tour.
 - Sept 4 & 5 - Late Summer Sale
- <> For more information, please see doylefarm.com Open Houses/Events or contact us at jld@doylefarm.com.

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

- To learn more about general and specific program offerings, visit our web site and download a copy of our newsletter The Beaver Chew, EDEN MILL NATURE CENTER NEWS, Spring 2009
 - Summer Camps & Campfires NOW OPEN FOR ENROLLMENT!
 - BIRD BANDING - Bird banding is a universal and indispensable technique for studying the movement, survival and behavior of birds. Eden Mill Nature Center is offering several dates to come and join Mark Johnson and Les Eastman as they band birds. Banding will take place at the Joe Vangrin Memorial Pavilion with intermittent walks to check the nets. The following Bird Banding dates are tentative and weather permitting: May 3, May 8, May 15, May 22, May 29, and June 5. Bird Banding begins at 7:00 a.m -12:00 p.m.
 - BEE HIVE MAINTENANCE - Dates: May 19, June 16, July 21, August 18, September 22, and October 20th at 4:30pm. Join our head beekeeper, Cybil Preston, as she demonstrates hive maintenance and answers questions you may have concerning honeybees, crop management, pests and disease, as well as the importance of honeybees. There is no registration or fee for this demonstration. Meet on the paved pathway next to the Honeybee hives by the red barn!
 - Home School Program- Session 5:Water Exploration - Eden Mill Nature Center will be offering this 3-week program on Mondays, May 4, 11, and 18. Ages 6-8 will be from 9:30-11:30am and ages 9-12 will be 12:30-2:30pm. The fee for the 3-week program is \$20 for members with \$16 for siblings or \$23 for non-members. Parents and siblings are welcome to enjoy the trails during the program.
 - Hours of Operation: Office Hours M-F from 9am-2pm; Nature Center and Historic Grist Mill Hours M-F from 9am-4:30pm, Sat. from 10am-3pm, and Sun from 1pm-5pm. As always, please call ahead to confirm 410-836-3050
- <> 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

- The County of York's Bargain Sale funding agreement began in December of 2008 with two properties in Lower Windsor Township. With the Bargain Sale, the County of York pays land owners 33% of their conservation easement value. Watch for a number of properties to go through Bargain Sale in 2009. Special thanks to the County of York for providing this funding, making land preservation a viable option for many more property owners and maximizing county land preservation monies.
- <> 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/>

<> For more information contact Becky Miller at 632-6747 or email beckymill1@juno.com or Dave Carbaugh at 637-9875 or email carbaugh3@embarqmail.com

Greater Hanover Alliance – pwingert@legacycaps.com

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

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

- Saturday, Tree Plantings:
 - May 9 at Bee Tree Preserve, 9:30 am - 1 pm
 - May 16 at Dulaney Branch, 9:30 am - 1 pm
 - May 30 at Loch Raven Reservoir, 9:30 am - 1 pm
 - Saturday, June 20 - Rain Barrel Workshop, 10-12 pm at Cromwell Valley Park. Rain
- <> Contact Gunpowder Valley Conservancy, P.O. Box 9733, Towson, MD 21284.

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

- COMMUNITY GARDENS PROJECT – When: April 15 through October 31. Where: east of the Horn farmhouse. Rental fee: \$25 for 20' x 20' plot; up to 4 additional plots per renter - \$15/plot. No space at home to garden? Rent a garden plot at the Horn Farm and grow your own vegetables and flowers! Meet other gardeners and take advantage of the advice and educational resources available from York's Master Gardeners. Call 717-757-6441 or email info@hornfarmcenter.org for more information and a registration form.
 - PIZZA PATCH PROJECT – When: May 16 through October 31. Where: west of Horn Farm center barn foundation (former corn patch location). Price: \$30 per plot (includes plants, associated events). Grow ingredients for homemade pizza sauce in your garden patch!
 - Plants and instructions provided. Enjoy a season-ending pizza party!
- <> Contact: Horn Farm Center for Agricultural Education, 4945 Horn Road, York, PA 17406. Phone: (717)654-0571. Email: info@hornfarmcenter.org. Web: www.hornfarmcenter.org.

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

- May 2 - New for 2009 Learn to Fish Clinic – For kids 12 & Under FREE and open to the public. Bring your own equipment or borrow ours with supervision by our Junior Chapter. Time: 9:30 am to Noon. Snack concession available. All Participants MUST PRE-REGISTER BY APRIL 30. Space Limited So Register Early! Phone Jean 717-417-1113. All kids must be accompanied by an adult.
 - May 9 – Kids Fishing Derby ages 12 and under. Registration 8:00 am, fishing starts at 9:00 am. Free. Children must be accompanied by an adult.
 - Calendar of events 2009 - <http://www.yorkchapter67iwla.org/id21.html>
 - Sept 25-27 – NEW IWLY Outdoor Show 2009
 - Club Open Meetings are held the Third Tuesday of each month at 7pm in the Clubhouse.
- <> Contact Lee Irwin 428-9368

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

- Sitting astride South Mountain, Kings Gap offers a panoramic view of the Cumberland Valley. Sixteen miles of hiking trails interconnect three main areas and are open year-round. Kings Gap offers environmental education programs from the pre-school environmental awareness program to environmental problem solving programs.
 - Calendar of events – <http://www.dcnr.state.pa.us/Calendar/list.asp?ICSORG=6320>
- <> For more information and how to register, contact Kings Gap at (717) 486-3799.

Lancaster-York Heritage Region – www.lyhr.org

- May 1 – The Lancaster-York Heritage Region cordially invites you to our next First Friday River Art Open House Friday, May 1, 2009 10 a.m. - 4 p.m. The John & Kathryn Zimmerman Center for Heritage is located at 1706 Long Level Road, Wrightsville, PA. The collection is available for public viewing from 10 a.m.- 4 p.m. on the First Friday of each month. To help us maintain and expand the collection, donations of \$3/person or \$5/couple are suggested. Prints and exhibit catalogs are also available for purchase. For more information please call 717-252-0229, email info@lyhr.org or visit www.StoriesoftheLand.com.
- <> 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

- In a recent discussion I had with USGS scientist Vicki Blazer (the "coroner" for diseased fish), she said that some sections of the Susquehanna have higher percentages and higher severity of "gender bending" than the Potomac and Shenandoah. One likely source for this is the flush of Atrazine and other pesticides that we see each spring in the Susquehanna. This flush occurs just as the eggs are being formed in the female smallmouth. Though monitoring has shown the concentrations to be relatively low, new research shows that low level exposure (25 ppb or less) can affect the gene function of aquatic species.
- <> Contact: Michael Helfrich, Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: lawsusriver@hotmail.com.

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

- May 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.
- Throughout time, **citizen** scientists (people such as Gregor Mendel and Benjamin Franklin who did not consider science their full-time profession) have long made important contributions to scientific understanding. NASA's Goddard Space Flight Center and the Maryland

Science Center recognize the importance of citizen science and are proud to introduce the Citizens And Remote Sensing Observational Network, CARSON. CARSON is a network of individuals who are interested in observing the world around them and sharing their findings. We hope you will consider joining us and/or will help us publicize this effort to your contacts. We would be honored for you and your members to join us in this exciting program. The first meeting is May 19, 2009. Monthly meetings are held at the Maryland Science Center on the third Tuesday evening of each month at 7pm. Any group or individual with interest in environmental issues is encouraged to participate. We have attached a flyer that can be printed and posted in your meeting space. We also hope you will pass this opportunity on to your members at an upcoming meeting or via email. Feel free to spread the word far and wide. For more information, please visit <http://www.marylandsciencecenter.org/exhibits/Carson.html> or email Carson@marylandsciencecenter.org.

<> 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

- Research Highlights – Jeff Erikson's research interests include water quality monitoring: How healthy are the streams in south-central Pennsylvania? What metrics and indices can be developed to determine the health of these streams? Toxicology: How can Chironomidae larvae be used to assess pollution in local impaired streams? Limestone streams: What type of biological community structure do healthy limestone streams have? Contact: jerikson@messiah.edu

- Oakes Museum – Underground Beauty: artifacts from "Paradise Lost" a cave discovered in 1963 during the construction of the Harrisburg Mall

<> 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!)

- 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. MAEscapes Partners sponsor the Bring Back the Natives" tour the second weekend of July, annually. Visitors can tour diverse gardens, all located in the York County. Our own Demonstration Gardens at the York County ANNEX features the Entrance, Edge, Meadow, and Rain Gardens. Tickets for the entire day/all garden sites must be purchased in advance at the Penn State Extension Office. Cost is \$8 for adults and children under 12 years are FREE. Tickets bought on the day of the event will be \$10. All proceeds of the tour benefit the MAEscapes Demonstration Gardens, public education and outreach programs.
- Jul 27 – MAEscapes Advisory Board meets, 6:30 pm, at the York County ANNEX.

<> 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

- "The Nature Notebook," a weekly radio feature delivered by PPL senior naturalist Jon Beam, is broadcast on Sundays at 4:57 p.m. on the National Public Radio affiliate serving northeastern and central Pennsylvania. Listeners can hear WVIA's broadcast of "The Nature Notebook" on 89.9 FM in northeastern Pennsylvania, 94.3 FM in Stroudsburg/East Stroudsburg, 99.3 FM in Allentown, 100.5 FM in Lewisburg, 105.7 FM in Sunbury, 99.7 FM in Mainesburg, 89.7 FM in Williamsport, 90.3 FM in Clarks Summit, 105.7 FM in Bethlehem and 94.9 FM in Pottsville.
- PPL Preserves Calendar of Events
 - TEACHER WORKSHOP: WILD ABOUT SHAD – Date: Thursday, May 7 - 9:00a.m. to 5:00p.m. at the Holtwood Environmental Center. The Pennsylvania Fish & Boat Commission and PPL are partnering to offer this free workshop to teachers.
 - MIGRATORY BIRD WALK – Date: Saturday, May 9 at 10:00a.m. at the Holtwood Environmental Preserve, Lock 12. Learn more about migratory birds by joining Jim Smith, PPL naturalist, as he leads a tour of the area's nesting grounds and bird habitats.
 - SUSQUEHANNA AQUACULTURES FISH FARM TOUR (at Brunner Island Environmental Preserve) – Date: Thursday, May 21 - 10:00a.m. Susquehanna Aquacultures Inc., growers of farm-raised hybrid striped bass, is one of the largest facilities in the country to use warm power plant water for fish farming.

<> 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

Red Lion Area High School – <http://rlashnature.wikispaces.com/>

- Red Lion Area Senior High School's Project N.A.T.U.R.E. was designed as a way to facilitate student learning through authentic, outdoor, hands on style learning activities. Although a trail existed through the wooded area behind the high school, a formal nature trail was not started until 1989 as an extension of the Envirothon club facilitated by Science Teacher and Envirothon Coach, Sandy Cooley with help from student volunteers and the community support from members of the Izaak Walton League. Through the years, students have assisted with improvements and upkeep to the trail through volunteer efforts and Eagle Scout Projects however, the trail and surrounding area have been slightly disrupted due to the recent expansion project at the Senior High School which began in 2006. The part of the trail and surrounding areas that remain after construction have been adopted by the Biology department at the High school for redesign and

utilization. Our hope is to reestablish a functioning nature trail with the addition of an outdoor classroom, native plantings incorporate a newly added retention pond and creek bed, and establish a habitat location for many species including migratory purple martins. Being able to mold this project with Pennsylvania's State Education Standards and our existing science curriculum will allow us to involve students in the planning, construction, and maintenance of this project which will be a major point of emphasis.

<> Project Coordinator: Sarah Warner, Global Biology and Science Technology Teacher, Red Lion. E-mail: warnerse@rlasd.k12.pa.us

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

- Opening June 2009 – "The Susquehanna House Art Gallery" featuring PA Arts Trail Artists
- Full list of 2009 programs now listed on "Activities" page
- Kayak instruction begins late May – sign up now!
- Kayak Demo Weekend May 9-10, 2009
- Registration now open for 2009 Kids Camp

<> 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/>

- Saturday, May 2, 2009, GVP Yard Sale, Harrisburg. When: Yard sale 8 am- 1 pm. Item drop off: April 27th - May 1st. Where: 3244 Green St, Harrisburg, PA 17110. All proceeds will benefit the GVP group of the Sierra Club! Convenient drop-off location in Harrisburg during the week of Call Robin for more info: Home 717-221-8590 and Cell 717-903-7555. Donate your "stuff" to the GVP yard sale and help support our local group and the environment! And clean out your closets, attics and garages while you're at it!
 - Tuesday, May 26, 2009 - 6:30 pm - Conservation Presentation - topic to be announced. Where: East Shore Library, 4501 Ethel Street , near the Colonial Park Mall. GVP Excom Meeting to follow, 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.
- The Backyard Farming series is a set of five classes consisting of the following titles:
 - Getting Started in Organic Agriculture April 22
 - Backyard Vegetable Farming May 20
 - Backyard Chickens: Raising Layers June 17
 - Backyard Beekeeping, and July 15
 - Preserving Summer's Bounty August 20

Participants may sign up for individual classes, or the full series (there is a discount for signing up for the complete series). Individual classes cost \$25/person, and are held from 6:00 p.m. until 8:30 or 9:00 p.m. on the dates above (third Wednesdays, except for the first class which is the fourth Wednesday in April. Persons signing up for (and paying for) the entire series in advance pay a discounted rate of only \$110. Unless otherwise noted, classes are held rain or shine. For more information or to register, please contact Spoutwood Farm Center at (717) 235-6610 or by e-mail at edu@spoutwood.org. You can also visit our new website at <http://www.spoutwood.org> and click on the Education menu item to the left of the page.

- 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:
 - Two (2) Senior Apprentices/CSA Manager Trainees.
 - 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/>

- Summer Day Camp – Strawberry Hill is offering a structured recreational and environmental education day camp program for children who have completed first through seventh grades. Based at Carroll Valley Borough Park and with regular field trips to Strawberry Hill, this six-week camp will run from June 15 through July 24, Monday through Friday from 9 a.m. to 3 p.m.
 - Adult Naturalist Program – This four-part series is for adults who want to learn more about the natural environment of Adams County. Complete the series and become eligible to teach at Strawberry Hill Nature Preserve!
 - Calling Junior Naturalists! This summer make some new friends—insects, snakes, turtles, and toads! Strawberry Hill is the ideal place to explore nature. Our popular Junior Naturalist Camps are full of fun and educational activities that teach campers about the animals, plants, and landscape found here at Strawberry Hill and beyond.
- <> If you have questions, we hope you'll email us info@strawberryhill.org or give us a call at (717) 642-5840. You can also fax us at (717) 642-5803.

Susquehanna Greenway Partnership – www.susquehannagreenway.org

- Interpretive Master Plan Reveals Tremendous Heritage & Tourism Potential – The Susquehanna Greenway links the multitude of recreational, historic, environmental, and cultural assets along the Susquehanna River's nearly 500 miles and 22 Pennsylvania counties. The recently completed Susquehanna River Water Trail and Greenway Interpretive Master Plan seeks to heighten the public's awareness of these river corridor-based assets while accentuating their collective relationship through the Susquehanna Greenway. More information on the Interpretive Master Plan can be found at <http://www.susquehannagreenway.org/greenway/cwp/view.asp?a=3&Q=450775&greenwayNav=178991>

<> For more information about the Susquehanna Greenway, please contact: The Susquehanna Greenway Partnership, 201 Furnace Road, Lewisburg, PA 17837. Phone: 570-522-7211. Email: greenway@susquehannagreenway.org

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

- May 3 – BLUES< BREWS & BBQs – Come enjoy an afternoon of funky blues, refreshing local brews, and mouthwatering barbeque! What better way to support another local favorite, the Susquehanna Sustainable Business Network (SSBN)? When: May 3, 2009* 12 – 4 pm [*Rain date: May 31, 2009] Where: The terrace at John J. Jeffries, 300 Harrisburg Avenue, Lancaster, PA 17603 (located at the Lancaster Arts Hotel). Tickets \$25 SSBN members (\$35 nonmembers) NEW members to the ssbn will receive TWO TICKETS FOR THE PRICE OF ONE, so come join the ssbn today! :) Blues Brews & Barbeque provided by: The blues: DJ Mike Chandler from the Sunday night F&M Blues show; The Brews: Stoudt's Brewing Company, Adamstown; The BBQ: Local farmers of Lancaster County All proceeds from this event will go in support of SSBN's programs.

<> 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

- What's New at SRBC? Check us out at <http://www.srbc.net/whatsnew/index.asp>
 - SRBC Drought Coordination Committee Convenes, Water Challenges Expected in Lower Susquehanna Region if Rainfall Deficits Continue. Read more... http://www.srbc.net/whatsnew/newsletters/article_20c.asp
 - SRBC's 2009 Water Resources Program (WRP) – The 80-page WRP is now available on the web site for viewing and downloading at www.srbc.net/planning/water-resources2009.htm. Should you have any questions regarding the WRP or if you would like to receive hard copies, please do not hesitate to contact Susan Obleski of my office at sobleski@srbc.net or by phone at (717) 238-0423 ext. 316.
- <> Contact Susquehanna River Basin Commission, 1721 N. Front Street, Harrisburg, PA 17102. Phone: (717) 238-0423. Fax: (717) 238-2436. Email: srbc@srbc.net

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

- Next meeting: May 13th at Laughman's Sawmill pavilion (on the banks of the Codorus). 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/>

- MMay 20th, 2009 - General Meeting 7:00pm at Co-op Nursery
 - June 17th, 2009 - General Meeting 7:00pm at Co-op Nursery
 - July 15th, 2009 - General Meeting 7:00pm at Co-op Nursery
 - Rivers Conservation Plan – Muddy Creek TU has contracted with local firm Bucharth-Horn, Inc. to help prepare the plan. The firm's project manager, Jayson Romig, will attend the public meetings and answer any questions you may have about the project. If you have any questions regarding the meetings, please contact: Mr. Maurice Chioda, Muddy Creek TU, at muddycreekt@comcast.net
- <> Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

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

- Introducing StreamStats Version 2! A new version of StreamStats is now available for Massachusetts and Utah. All existing state applications will be converted over to this new version as quickly as possible, and all new state applications will be implemented using this version. StreamStats Version 2 features a new user interface and added functionality, including the ability to (1) search upstream, downstream, or both from user selected sites to identify and obtain information for water related activities, such as dams and point discharges, that may affect water quantity or quality at the user-selected stream location, (2) estimate streamflow statistics at user-selected stream locations based on the flow per unit area for upstream or downstream streamgaging stations, and (3) edit the basin characteristics measured by StreamStats to obtain revised regression-equation-based estimates of streamflow statistics for user-selected stream locations. The new functionality available in individual state applications will vary initially as programming and datasets needed to make the full functionality available are added. The News link to the left will announce when changes have been made to individual applications. Other links to the left of this page provide documentation for using the new version. Links to the left side of the introductory pages for each state provide access to the documentation for the version of StreamStats that is operating for that state. We want your feedback! Please send any comments or questions that you have on StreamStats to the StreamStats development team at [GS-W StreamStats@usgs.gov](mailto:GS-W_StreamStats@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/>

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

Watershed Alliance of York – www.watershedsyork.org

- July 1 – Meeting of WAY Board of Directors, 7:00 PM, at 324 W. Market St., York, PA.
- Sept 26 & 27 – 7th Annual Watershed Weekend 2009
- 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

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

York-Adams Area Smart Growth Coalition – **NEW!**

- Board of Directors meet May 20, 2:00 p.m., RAYAC Office, York
- Contact Shanna M. Wiest, Government Affairs Director, REALTORS Association of York & Adams Counties, Inc. 901 Smile Way York, PA 17404. Phone: (717) 843-7891. Fax: (717) 854-0720. <http://www.rayac.com>

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

- Wednesday, May 6, 2009 – Fort McHenry Wetland Bird Walk with Baltimore Bird Club's Jim Peters. Meet at 4:30 P.M. at Shrewsbury Wal-Mart. Leader: Tish Swam, 235-2578.
 - Thursday, May 7, 2009 – Visit The Gardener of the Owl Valley native plant nursery in Hellam. Meet at Queensgate Shopping Center at 9:30 A.M. Leader: Tish Swam, 235-2578.
 - Thursday, May 14, 2009 – Trip to Brunner Island Wetlands Area. Meet at 9:00 A.M. Leader: Dick Humbert, 266-1864.
 - May 27 – Join us to celebrate – and raise money to protect – the special birds and habitats of York City! York City is an Important Bird Area (www.pa.audubon.org/iba/) because of the special habitat Kiwanis Lake and Codorus Creek provide for nesting herons and egrets. Students within the School District of the City of York have been helping Audubon build stronger, healthier habitat to protect these birds on their campuses and within city parks. Funds raised on Audubon Day will go directly toward habitat improvement and education projects in York City!
 - REV IT UP with the York Revolution! – Join us as the York Revolution take on the Camden Riversharks at Sovereign Bank Baseball Stadium! The Revolution will generously donate \$4 of your ticket price to Audubon. Game day will feature a rehabilitated eagle, native tree planting, bird and Audubon At Home education stations, and more!
 - Isaac's Community Night! 5:00 p.m. to 9:00 p.m. Isaac's Restaurant & Deli (four York County locations) will be holding a "Community Night" to benefit Audubon Pennsylvania's work to conserve the Kiwanis Lake Important Bird Area. Twenty-five percent (25%) of the cost of your meal will go directly to Audubon. This fundraiser is being hosted by the employees of York County Isaac's! Please join us to create healthy habitat for our community! Print out and bring flyer to one of four Isaac's Locations and hand it to the cashier when paying. Questions? Call Devon at 610-666-5593 x110 or email dreeser@audubon.org.
- <> Contact Tom Smith at 717-246-9767 or tjs35@psu.edu.

YorkCounts - yorkcounts.org

- Check out the latest post at the YorkCounts Good Gov blog: <http://yorkcounts.blogspot.com/>.
 - YorkCounts' releases 2009 Indicators Report – In this updated version of the report, 38 indicators are used to build a multi-faceted picture of the county, with data on diversity, poverty, education, employment, workforce, public health and arts and entertainment.
- <> Contact James DeBord, Director YorkCounts, 105 Leader Heights Road, Suite #2, York, PA 17403. P: 717/650-1500. C: 717/475-6785. Web : www.yorkcounts.org

York County - www.york-county.org

What's New:

- Proposed Revisions to Local Civil Court Rules
 - Ready York - New Emergency Preparedness Website
 - York County's Gypsy Moth Suppression Program
 - County of York Open Records
- <> 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@ecoconstructionllc.net
- <> Contact Jane Sload at 717.848.3733 or jsload@yccf.org.

York County Conservation Alliance - www.yorkcountyconservationalliance.org

- May 16 – Mason Dixon "GO GREEN" Music Festival, Saturday, May 16, 12 Noon, 6:00 P.M., 543 Miller Road, Delta, PA 17314. Featuring: Local Musicians. Beverages available Variety of music. Food available 50/50 raffle. Pie Contest Chili cook-off. Pony Rides Bring your blankets or pull up a bale of hay (provided) Price: \$8.00 in advance for ages 12 and up, \$10.00 on May 16 Ages 11 and under enter

free Chili cook-off and Pie contest:\$5.00 entry fee. Winners receives ½ of the entry fee total. Call for tickets:Mark or Diane Thomas 717-456-7473 or Maria Payan 717-456-5800

<> 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 28 – York County High School Envirothon (*NEW LOCATION – RUDY PARK!*)
 - May 5 – York County Middle School (Grades 7 & 8) Envirothon (*NEW LOCATION – RUDY PARK!*)
 - May 6 – York County Intermediate School (Grades 5 & 6) Envirothon (*NEW LOCATION – RUDY PARK!*)
 - May 12- York County Elementary School (Grades 3 & 4) Envirothon (*NEW LOCATION – RUDY PARK!*)
 - May 14 – District Board of Directors meeting, 7:00 PM, at ANNEX
1. 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

2. May 5 - York County Planning Commission Meeting
 3. May 6 - York County Commissioner's Meeting
 4. May 13 - York County Commissioner's Meeting
 5. May 13 - York County Planning Commission's 50th Anniversary Celebration 10th Annual Planning Awards and LGAC Full Committee
 6. May 20 - York County Commissioner's Meeting
 7. May 25 - Office Closed to Observe Memorial Day
 8. May 27 - York County Commissioner's Meeting
 9. May 27 - Local Government Advisory Committee Meeting (LGAC) Executive Committee Meeting
- <> Contact: 717-771-9870 or e-mail planner@ycpc.org

York County Parks & Recreation – www.yorkcountyparks.org/parkpages/Nixon.htm

- May 2 – Warbler Walk Rocky Ridge Park, Hidden Laurel Parking Lot, 7:30–9:00 a.m.
 - May 2 – Astronomy Day Rudy Park, 11 a.m.–4 p.m., 7:30–9:30 p.m. Call YCAS at 578-9109 after 5 p.m. for the status of the Star Watch. More information can be found at www.ycas.org. NF, NPR.
 - May 2 – Hanover Junction and New Freedom Stations Open for Season Rail Trail, 10 a.m.–5 p.m. (Saturdays only in May)
 - May 2 - Household Hazardous Waste Clean the shed and basement of unwanted household hazardous waste the right way with the help of the York County Solid Waste Authority. For information and location, visit www.ycswa.org or call 845-1066.
 - May 2 – Lake Redman Boat Rental Open (spring hours) Kain Park, Saturday & Sunday, 1–7 p.m.
 - May 3 – Gypsy Moths and Other Pests Nixon Park, 2:30–4 p.m.
 - May 5 – Sunset Scramble Bike Ride Rail Trail, Hanover Junction Parking Area, 6:30–9 p.m.
 - May 8 – Moonlight Bike Ride Rail Trail, Glatfelter Station Parking Area, 8:30 p.m.
 - May 9 – Civil War Cannon Dedication Hanover Junction Train Station, 2 p.m.
 - May 9 – Public Star Watch Rudy Park, 8–10 p.m.
 - May 10 – Mother's Day Nature Walk Nixon Park, 2:30–4 p.m.
 - May 12 – Sunset Scramble Bike Ride Rail Trail, Glen Rock Parking Area, 6:30–9 p.m. See May 5 for details.
- <> Contact Richard Nixon County Park, Nixon Dr, York, PA 17407. Phone 717-428-1961.



WATERSHED EDUCATION & OUTREACH

2009 Stewardship Week – "Dig It! The Secrets of Soil" - Apr 26–May 3

The Stewardship and Education Committee is pleased to announce the 2009 Stewardship theme: "Dig It! The Secrets of Soil." Stewardship Week will be officially celebrated April 26 to May 3, 2009, but we encourage you to celebrate throughout the year. Materials for 2009 Stewardship Week are available through the NACD Marketplace. NACD is using the 2009 theme, "Dig It! The Secrets of Soil," in partnership with the Smithsonian Institution and Soil Science Society of America. NACD's stewardship and education material developed through this collaboration complements the Smithsonian "Dig It! The Secrets of Soil," exhibition, which will run July 19, 2008 through January 3, 2010 at the Smithsonian National Museum of Natural History and travel to museums across the United States, May 2010 to September 2013. If you have any questions regarding Stewardship Week, please email stewardship@nacdnet.org.

National Drinking Water Week – May 3-9

Plan an activity with your public water supplier, something as simple as a newspaper ad. Visit American Water Works Association Drinking Water Week website to see what they offer. <http://www.awwa.org/Government/content.cfm?ItemNumber=44766&navItemNumber=3863>

Municipal Pollution Prevention/Good Housekeeping Webcast – May 14

One of the minimum management measures associated with Phase II of the NPDES MS4 permit program. Although the concepts behind municipal pollution prevention/good housekeeping are relatively easy to understand, communities across the country have found that the process of developing a comprehensive pollution prevention/good housekeeping program can be both confusing and intimidating. Fortunately, it's not as difficult as it seems. This webcast will feature practical guidance on developing and implementing an effective municipal pollution prevention/good housekeeping program. You'll hear about simple methods that can be used to assess and improve your municipal operations and about how to make the most of your pollution prevention/good housekeeping efforts. If your community suffers from unruly roadways, horrendous hotspots, and lackluster landscapes, and is wondering how to manage its municipal operations to better protect

water quality, then this webcast is for you. Municipal Pollution Prevention/Good Housekeeping. Date and Time: Thursday, May 14, 12-2pm Eastern. Cost: \$99. Registration closes 5/07/09. Register

http://bmb.goemerchant.com/cart/cart.aspx?ST=buy&Action=add&Merchant=centerforwatershedprotection&ItemNumber=webcast_w1

DEP Requesting Comments On Draft PA Climate Impact Assessment Report – May 18

The Department of Environmental Protection published a notice this week requesting comments on a draft Pennsylvania Climate Impacts Assessment required by the PA Climate Change Act of last year. DEP will accept comments until May 18. The 311-page Impacts Assessment was put together by group of nine professors at Penn State University can be found at

[http://www.depweb.state.pa.us/energy/lib/energy/docs/climatechangeadvcom/general_information/climate_impacts_assessment_draft_\(040709\).pdf](http://www.depweb.state.pa.us/energy/lib/energy/docs/climatechangeadvcom/general_information/climate_impacts_assessment_draft_(040709).pdf).

How to Read the River: Measuring Stream Form and Functions – Jun 1-5

Register by May 1, 2009! Dates: June 1 - 5, 2009. Location: Canaan Valley Resort, Davis, WV. Length: 3 days. CEUs: 26 PDHs or 2.6 CEUs.

Instructors: Ryan Gaujot, CVI; Todd Petty, PhD, WVU; Steven Kite, PhD, West WVU; Neal Carte, West Virginia Division of Transportation.

Cost: \$950 includes instruction, CEUs, materials, books, field transportation, lunches, and snacks. Prerequisite: Completion of Fundamentals of Stable Streams, Introduction to Stream Processes and Ecology, Applied Fluvial Geomorphology, or consent. This course is a field-oriented fortification of the fundamentals of stream science, geared toward geomorphic characterization and habitat assessment. This class will focus on the collection and analysis of the types of data needed to assess streams morphological and ecological condition. Map and field methods will be used to determine the hydraulic geometry of rivers and streams, characterize bedload sediment, and assess bank stability. One day in the field will be devoted to data collection of stream measurements. Parameters required for state and federal permits of restoration projects are included. The class will also explore natural habitat features that can be replicated by instream structures and other restoration techniques. The main objective is for the student to understand how to collect the data needed to assess stream and watershed systems and stream corridor functions. Register online at http://www.canaanvi.org/education/ClassFiles/2009_StreamFormFunction.asp.

DEP Extends MS4 Permit Public Hearings – Jul 6

DEP has decided to extend the Public Comment Period until July 6th. The notice will be published in the May 9th edition of the Pa Bulletin.

PA Law would protect drinking water

The legislation was introduced by Bucks Republican Chuck McIlhinney. A lawmaker, government agency and environmental group have teamed up to craft a bill to protect the state's drinking water. State Sen. Chuck McIlhinney introduced the legislation Wednesday that requires special protection of the groundwater, rivers and aquifers that supply drinking water. Senate Bill 777 amends the Pennsylvania Safe Drinking Water Act of 1984 and requires the Department of Environmental Protection to establish statewide minimum standards upstream of drinking water intakes along rivers and around public drinking water wells. Certain polluting activities would be restricted in these critical zones.

According to the bill, a critical zone "extends from one-quarter mile downstream of a drinking water intake for a community water system to 25 miles upstream from the intake." The bill will require municipalities to create zoning to protect those areas, Arnowitt said. McIlhinney, the bill's sponsor, said he's been formulating the legislation for three years with the help of the DEP and Clean Water Action. Violators would be subject to fines of up to \$2,500 and up to 90 days in jail, McIlhinney said. Willful or negligent violations of the law could lead to fines of up to \$50,000 and up to two years in jail for each offense. Locally, state Sens. Stewart Greenleaf, Tommy Tomlinson and Rob Wonderling all co-sponsored the bill. For more information contact Gary Weckselblatt can be reached at 215-345-3169 or gweckselblatt@phillyburbs.com.

Smart Growth Act of 2009 Introduced on Capitol Hill

To help strengthen the nation's recovery in all economic, social and environmental categories, California Democratic Congresswoman Doris Matsui introduced the Smart Planning for Smart Growth Act of 2009 (H.R. 1780), saying it "creates the framework needed for states and communities to meet greenhouse gas reduction goals through more focused short-, medium- and long-term land use and transportation planning" and "addresses the climate crisis by giving larger communities the incentives they need to grow and develop in a way that complements our national global warming strategy."

<http://www.smartgrowth.org/news/article.asp?art=7060&state=52>

U.S. House passes emerging contaminants water research bill

WASHINGTON (April 24, 2009)— The US House of Representatives on April 23 passed [H.R. 1145](#), the National Water Research and Development Initiative Act of 2009, which coordinates national research and development efforts regarding national water use, supply and demand. An amendment to the measure by US Rep. Melissa Bean, D-IL, calls for federal research on the impact of trace amounts of pharmaceuticals and consumer products in treated drinking water. The final measure passed with bipartisan support, in a 413-10 vote.

According to an April 23 [press release](#), Bean said, "We know that millions of Americans are drinking tap water that contains measurable quantities of prescription drugs and other complex chemical compounds, but we have no long-term plan to address the problem.

Understanding what levels of these drugs pose a threat to human health is the necessary first step." The bill on April 23 was received in the Senate and read twice, and then referred to the Senate Committee on Environment and Public Works. To access information on the bill, click here <http://thomas.loc.gov/cgi-bin/query/z?c111:H.R.1145>.

U.S. Senate Moves to Restore Strong Protections for America's Waters

Washington, DC (April 2, 2009) – Today, Senator Russ Feingold (D-WI) and 23 co-sponsors, including Environment and Public Works Committee leaders Senators Barbara Boxer (D-CA) and Ben Cardin (D-MD), introduced the Clean Water Restoration Act to restore Clean Water Act safeguards to America's wetlands, lakes, and streams. The Clean Water Restoration Act reaffirms the traditional scope and clear purpose of the Clean Water Act. Two recent split decisions of the U.S. Supreme Court have put many of America's wetlands, streams, lakes and ponds at risk by creating ambiguity over the scope of the law. As a result of these decisions and subsequent agency guidance, at least 20 million acres of the nation's wetlands are currently losing Clean Water Act protections, and many more are at risk. Additionally, some 60 percent of stream miles in the United States which do not flow year-round are at risk of losing protection. Meanwhile, Clean Water Act enforcement is

being crippled by the confusion and added workload triggered by these decisions and related guidance. Read article <http://www.stormh2o.com/the-latest/clean-water-restoration.aspx>.

EPA Launches "Healthy Watersheds" Initiative and Web Site

EPA has launched a new initiative called "Healthy Watersheds" that emphasizes protection and conservation of aquatic ecosystems. The initiative is being introduced on a new Web site which provides information on tools to identify and protect healthy watersheds and their components. Local governments, watershed practitioners, and regional agencies will also benefit from this initiative. Preserving healthy watersheds will provide the critical natural infrastructure needed to restore water quality. EPA's new initiative is predicated on the simple truth that it is much more cost-effective to protect the many benefits provided by healthy watersheds than it is to restore them once they become impaired. Learn more at www.epa.gov/healthywatersheds.

TreeVitalize allows homeowners to have their tree plantings count toward statewide goal

Pennsylvanians who plant a tree at their home or business can help the commonwealth reach its goal of putting one million trees in the ground statewide by 2012. Citizens can register up to three trees on the TreeVitalize Web site at www.treevitalize.net. When visiting the TreeVitalize Web site, choose the icon on the left that says "Have you planted a tree?" From there, residents are asked to fill out a simple form with their contact information, type of tree and when it was planted. Read more... <http://www.dcnr.state.pa.us/news/resource/res2009/09-0422-treevitalize.aspx>.



WATERSHED FINANCIAL ASSISTANCE

Chesapeake Bay Small Watershed Grants Program – May 1

Funding Opportunity! Proposals for the 2009 round of Chesapeake Bay Small Watershed Grants Program are due May 1, 2009. The Chesapeake Bay Small Watershed Grants Program provides grants to organizations and local governments working on a local level to protect and improve watersheds in the Chesapeake Bay basin, while building citizen-based resource stewardship. The purpose of the grants program is to support protection and restoration actions that contribute to restoring healthy waters, habitat and living resources of the Chesapeake Bay ecosystem. The Small Watershed Grants Program has been designed to encourage the development and sharing of innovative ideas among the many organizations wishing to be involved in watershed protection activities. <> Resource: http://www.nfwf.org/AM/Template.cfm?Section=Browse_All_Programs&Template=/TaggedPage/TaggedPageDisplay.cfm&TPLID=30&ContentID=11625

Fund for Wild Nature Accepting Grant Applications – May 1

The Fund for Wild Nature is providing campaign funding to save and restore native species and wild ecosystems, and to defend wilderness and biological diversity. Eligible projects include: advocacy, litigation, public policy work, development of citizen science and similar endeavors. The deadline for applications is May 1. For more information visit Fund for Wild Nature Website at www.fundwildnature.org/proposal.html

Small Business Energy Efficiency Grant Program – May 1

This grant program provides a reimbursement grant of 25%, up to \$25,000 for small businesses in Pennsylvania to become more energy efficient. Small businesses (with 100 employees or less) can be reimbursed for improvements such as geothermal heat pumps, energy efficient HVAC, lighting, building insulation, etc. Applications must be submitted by May 1, 2009. <http://www.depweb.state.pa.us/energyindependent/cwp/view.asp?a=3&q=543714&enitechNav=137014>

Multistate Conservation Grant Program Requests Letters of Intent – May 6

The Multistate Conservation Grant Program is now accepting letters of intent to apply for the program's 2010 grant cycle. This grant program is cooperatively managed by the Association of Fish and Wildlife Agencies and the U.S. Fish and Wildlife Service. Through this program, six million dollars is available annually for state agencies and non-governmental organizations to address regional or national level priority projects. To be eligible, projects must benefit sport fish, wild birds or wild mammals and target at one of seven national conservation needs. Projects must also meet one of the following eligibility requirements: they must be applied to more than 26 states, the majority of states in a region of the US Fish and Wildlife Service; or consist of an association of state fish and wildlife agencies. The deadline to submit letters of intent is May 6, 2009. Details are available at http://www.fishwildlife.org/multistate_grants.html

Apply for American Recovery and Reinvestment Act (ARRA) Funding – May 18

The American Recovery and Reinvestment Act (ARRA). Funding will be available through PennVest for Green Projects and conservation districts are eligible to apply. An announcement regarding the application process will appear in Saturday's issue of the Pennsylvania Bulletin. Applications must be submitted by May 18, 2009. Another informational meeting will be held at DEP on April 14, 2009 where applicants can obtain additional clarification on the application process. The Pennsylvania Infrastructure Investment Authority published revised cutoff dates for submitting applications for water, wastewater, stormwater and other project funding: May 18, 2009 for the summer board meeting (TBD) <http://www.pennvest.state.pa.us/pennvest/cwp/browse.asp?A=4>

NRCS to Provide \$3.1 Million to Protect Pennsylvania Farmland – Jun 1

USDA's Natural Resources Conservation Service is accepting applications now through June 1, 2009 for approximately \$3.1 million available to protect Pennsylvania's agricultural land through the Farm and Ranch Lands Protection Program (FRPP). FRPP provides matching funds to help eligible entities purchase development rights to keep productive farm and ranchland in agricultural uses. The program is open to state or local governments, Tribes, and non-governmental. Interested landowners need to apply and work with an eligible entity. To be eligible for FRPP, an entity must have an established farm and ranch land protection program; the authority to hold and manage easements; the capacity to acquire, manage, and enforce the easements; and the funds to match the Federal contribution of up to 50 percent of the fair market value of the farm's easement. Land proposed for funding in FRPP must meet one of three eligibility categories: contain at least fifty percent prime, unique statewide or locally important farmland; contain historic or archeological resources; or contain land that supports the farm and ranch

land protection policies of state or local programs. Entities must submit their applications to the Pennsylvania NRCS State Office at One Credit Union Place, Suite 340, Harrisburg, PA 17110-2993. The ranking and selection of parcels will take place immediately after June 1, 2009. Link: More Info on FRPP: <http://www.pa.nrcs.usda.gov/programs/>.

'PATH to Organic' Program Introduced – Jul 31

"PATH to Organic will make farming more profitable and help the environment. It will be a pilot program providing temporary financial aid, during the transition period, to dairy, beef, vegetable and other crop farmers who want to convert from conventional to organic agriculture. Organic food is the fastest-growing sector of the food industry and provides a net return to farmers as much as two times higher than for traditionally raised farm products. Request-for-proposal documents are expected to be available by March 30 on the state Department of Agriculture's Web site – <http://www.agriculture.state.pa.us>. Completed and signed applications must be postmarked to the address listed below by July 31, 2009. Mail to: Pennsylvania Department of Agriculture, Bureau of Market Development, Attn: Jared Grissinger, 2301 North Cameron Street, Harrisburg, PA 17110. Phone: (717) 705-9513. Fax: (717) 787-5643. E-mail: jgrissinge@state.pa.us

Foundation For Pennsylvania Watersheds Grants – Aug 21

The Foundation for Pennsylvania Watersheds is now accepting applications for grants to protect healthy, natural streams, clean up pollution, and restore degraded wildlife habitat. The next round of applications are due August 21, 2009. The Foundation for Pennsylvania Watersheds awards grants to 501(c)3 nonprofit citizen groups. The primary service area is from the Ohio boarder to the mainstem of the Susquehanna River. http://www.pennsylvaniawatersheds.org/?page_id=20

Celebrate A Decade Of Growing Greener Watersheds. Earn \$250 For Your Watershed Group!

The Growing Greener Watershed Restoration Program will be ten years old in December and to help celebrate 10 groups have come together to invite watershed groups to share their success stories on a special www.GrowingGreener.com website. As an incentive, a \$250 grant will be given to the watershed group with the best article and photo or video each month through December. Funding for the grants was provided by an anonymous benefactor. Visit the www.GrowingGreener.com website and learn how you can earn \$250 for your watershed group by sharing your Growing Greener success story. Look over the history of the program and see the stories, photos and videos already posted there. The groups partnering to sponsor the celebration include: the Foundation for Pennsylvania Watersheds, Stream Restoration, Inc., the Western Coalition for Abandoned Mine Reclamation, the Pennsylvania Environmental Council, the Eastern Coalition for Abandoned Mine Reclamation, the Chesapeake Bay Foundation, Western Pennsylvania Conservancy, the PA Association of Conservation Districts, LandStudies, Inc. and PA Environment Digest.

DCNR Invites High School Students To Apply For Environmental Careers Camps

Department of Conservation and Natural Resources acting Secretary John H. Quigley this week invited Pennsylvania high school students interested in pursuing environmental careers to apply for DCNR's summer residential camps. Camps will be offered June 21 - 27 at Kings Gap Environmental Education and Training Center, near Carlisle, Cumberland County; and July 12 - 18 at the Kirby Episcopal House and Chapel, Glen Summit, Luzerne County. Each camp aims to introduce 20 to 25 students to conservation and environmental careers, and encourage their pursuit. Selected students in grades 10-12 will be provided a hands-on, team-building learning experience in an outdoor setting. For Environmental Careers Outdoors Camp enrollment applications and information, write to: ECO Camp Coordinator, Bureau of State Parks, Environmental Education and Information Division, P.O. Box 8551, Harrisburg, PA 17105-8551; call 717-783-4356; or send email to: ECO_Camp@state.pa.us.



WATERSHED FACILITATION ASSISTANCE

7th Annual Pennsylvania Land Conservation Conference/Confluence 2009 – May 7-9

Join over 350 attendees!!! Attend the 7th Annual Pennsylvania Land Conservation Conference/Confluence 2009. Hosted by Pennsylvania Land Trust Association and the Chesapeake Bay Foundation. May 7-9, 2009. Penn Stater Conference Center Hotel (State College) <http://www.landandwater.org>

River Rally 2009 – May 29 – Jun 1

Join River Network and more than 450 river conservationists from across the country in Baltimore, Md., for 3 days of education, inspiration and celebration. For questions, please visit www.rivernetwork.org/rally or contact Katherine Luscher at kluscher@rivernetwork.org

Stimulating Pennsylvania's 21st Century Energy Economy – Jun 4

Thursday, June 4, 2009 from 8:30 a.m. to 4:30 p.m. Radisson Penn Harris Hotel and Convention Center, Camp Hill. Do you want to learn about how you and your business can tap into new state and federal funds for clean energy? Do you want to learn how you can save money and electricity through Pennsylvania's new \$1 billion energy efficiency and demand side resource market? Do you want to network with over 300 of the key players in clean energy across the state? Then you won't want to miss PennFuture's ninth annual Clean Energy Conference. Register by Monday, April 27 to receive a discount. Pre-Conference Solar Workshop and Networking Session Wednesday, June 3, 2009 1:00 PM to 5:00PM. The workshop will provide a detailed explanation of the growing solar market including financing options, how to develop projects, market forecasts and renewable energy credit and tax implications. Register online today: <https://secure2.convio.net/penn/site/Ticketing?view=Registration&id=101761&JServSessionIdr010=byauc0r3p3.app2b>

Second Annual Watershed Management Workshop for Teachers – Jun 23-24

At Mansfield University June 23rd and June 24th, 2009. The second annual Watershed Management workshop for teachers will be held at Mansfield University June 23rd and 24th, 2008. It will prepare participants to assess and monitor water quality, more fully understand watershed-related issues, and apply this expertise in their own school district. At the close of the workshop each attendee will be given a "kit" containing materials for classroom, lab, and field activities. Each "kit" will include: a Delorme Topographic CD of the Eastern US to allow for

basic mapping and 3-D views of their local watersheds; an inexpensive pH testing kit suitable for field use; soil color book, one or two student-tested "lessons in a can" (self-contained classroom activities that will include master copies of handouts, background material, charts and diagrams), and a classroom exercise covering some aspect of watershed management; pamphlets, brochures and handouts collected from USGS, PADEP, Fish and Boat Commission, PA Geological Society and other resources; and, a list of helpful websites along with local, state and federal contacts related to watershed management. This dynamic conference will be held at Mansfield University. A block of rooms will be available at the Comfort Inn in Mansfield. The cost of the conference, \$30, will include breakfast and lunch each day, field trip transportation, and all "kit" materials. For more information please visit, <http://geoggeol.mansfield.edu/watershed-workshop> or contact Dr. Jennifer Demchak at 570-662-4613.



WATERSHED TECHNICAL ASSISTANCE

ATTENTION: Potential up-and-coming invasive plant species, wavyleaf basketgrass

An introduced species of wavyleaf basketgrass (WLBG) was found in Maryland in 1996 and has since been documented in several locations in Maryland and Virginia. There is a good possibility it has encroached into Pennsylvania, but no occurrences have been documented. Please review this information and keep your eye out for it in the field. The species is *Oplismenus hirtellus* subsp. *undulatifolius*, commonly called wavyleaf basketgrass, and is native to southern Europe and southeastern Asia. It is a low-lying, trailing perennial grass, branching and rooting at nodes along creeping stems called stolons. It also reproduces from seeds, which are sticky and may adhere to clothing, animals, or other surfaces for dispersal. Interestingly, other subspecies of *Oplismenus hirtellus* are native to the southeastern United States, but we're dealing with a whole different beast with subsp. *undulatifolius*. The non-native WLBG resembles another non-native, *Microstegium vimineum* or Japanese stiltgrass, so take the time for a closer look if you're not sure. The best way to differentiate is the Japanese stiltgrass has a silvery stripe down the midrib of the leaf. Unlike stiltgrass, WLBG is a perennial with sticky seeds and very hairy leaf sheaths and stems, but like stiltgrass, it likes moist, shady forested conditions. WLBG also has some similarities to our native *Dicanthelium* grass species (panic grasses), specifically *Dicanthelium clandestinum*, deer-tongue grass, which tends to be larger, not as aggressive, and does not have the strong wavy appearance characteristic of WLBG. The following websites have more information about identification, pictures, and comparisons between WLBG and stiltgrass. I also attached the first published account for this species in North America in 1999. Maryland DNR:

http://www.dnr.state.md.us/wildlife/wl_basketgrass.asp. Invasive species of concern in MD:

http://www.mdinvasivesp.org/archived_invaders/archived_invaders_2007_08.html. Maryland developed a task force for early-detection and rapid response with the hopes of completely eradicating or significantly slowing the spread of this nasty. As part of this task force, I would like field-going folks be aware of this plant and report any populations you may believe to be in Pennsylvania. We can join the efforts to eradicate/treat any populations in PA quickly and efficiently. We certainly don't need another stiltgrass-like nasty invading our forests!

Bay Receives a C-Minus on Latest Health Report Card

April 2009 -- For the second year in a row, the University of Maryland Center for Environmental Science (UMCES) has given the Bay a C-minus on its annual Chesapeake Bay Health Report Card. The C-minus grade for a second year in a row shows that the Bay's poor conditions have not significantly changed from 2007. However, scientists are intrigued by new long-term trends showing that improving areas continue to get better while degrading areas continue to get worse. Report: www.chesapeakebay.net/news_umcesreportcard09.aspx?menuitem=35271.

CWP Runoff Ramblings

This piece from David Hirschman, Program Director at the Center, provides some thoughts and insights into stormwater offsets. If you like this, let us know. We hope to feature more Runoff Ramblings in the future. Trading Our Way to a Cleaner Bay - Reflections on Off-Site Stormwater Mitigation Programs. What do you think of the following deal? We'll let the local litterbug throw a piece of trash on the ground in your neighborhood, but he or she will have to pay someone in an adjoining neighborhood to pick up two pieces of trash. We'll create a trash market whereby one person would be authorized to litter in your neighborhood in exchange for an overall reduction of litter across the city. Read more of Runoff Ramblings. http://www.cwp.org/News/Runoff_Runtdown/Archive/34/ramblings.html.

Much Better Way To Protect Streams From Construction Runoff Is Also Low Cost

ScienceDaily (Apr. 17, 2009) — Researchers at North Carolina State University have found an exponentially better way to protect streams and lakes from the muddy runoff associated with stormwater around road and other construction projects. The alternative is lower or comparable in cost to commonly used best management practices (BMPs) around construction sites, yet much more effective at keeping streams and lakes free of runoff sediment that pollutes water and harms aquatic life. In a study comparing BMPs against alternatives on road stormwater runoff in western North Carolina, the NC State researchers found the alternative method kept local streams that received the runoff cleaner, and helped reduce the amount of sediment loss inside ditches near roads. Sediment and muddy water are among the most common pollutants of streams and lakes. The current BMPs used in controlling erosion and sediment involve using so-called "sediment traps" along with rock check dams in ditches. Sediment traps collect water with the heavier sediment — like dirt and other larger, heavier particles — settling to the bottom and the "cleansed" water moving through rock check dams, or piles of rock that are intended to slow the flow of water through the ditch. Water then travels out of the ditch through a pipe to streams, rivers or lakes. The study found that the BMPs don't hold a candle to the alternative — natural fiber check dams (FCDs) enhanced with polyacrylamide (PAM), a chemical that causes sediment to clump together. FCDs use natural fibers instead of rocks as a type of dam to slow the flow of water in ditches.

The researchers found, in a measure of the "muddiness" of road runoff, that the BMPs yielded 3,813 nephelometric turbidity units (NTUs) in testing, equating to some rather muddy water. Fiber check dams with PAM yielded averages of 34 NTUs. Further, the study showed that after a storm, sites that used standard BMPs lost an average of 944 pounds of sediment compared with only 1.8 pounds of sediment lost at sites utilizing FCDs with PAM. McLaughlin says that these results are so convincing that North Carolina's Department of Transportation is in the process of making FCDs with PAM the new best management practice around road and construction sites. McLaughlin's group is also training engineers and installers around the state and nationally in the use of this system. *Journal reference: McLaughlin et al. Improving construction site runoff quality with fiber check dams and polyacrylamide. Journal of Soil and Water Conservation, 2009; 64 (2): 144 DOI:*

[10.2489/jswc.64.2.144](http://dx.doi.org/10.2489/jswc.64.2.144). Adapted from materials provided by [North Carolina State University](http://www.ncsu.edu).

Challenges of Stream Restoration as a Stormwater Management Tool Part 1: A designer's perspective

As the first of a three-part series on stream restoration intended to realize the disparity between design and construction, and how this contributes to failure, this article provides the designer's perspective on which challenges pose the greatest risk to the success of a stream restoration project. Restoration may be defined as the return of natural function lost, usually resulting from associated watershed management such as development and agricultural practices. Depending on the number of lost functions restored, or the level of improvement, restoration may also take the simpler form of rehabilitation or stabilization. Restoration, rehabilitation, and stabilization of streams are performed for a variety of reasons. The primary driver for this type of work is the Clean Water Act (CWA). Read article <http://www.stormh2o.com/may-2009/stream-restoration-management.aspx>.

Proceedings and Transcripts from the "EPA Workshop on Water Infrastructure Sustainability and Adaptation to Climate Change" Posted Online

The proceedings, presentations, and transcripts from the first "EPA National Expert and Stakeholder Workshop on Water Infrastructure Sustainability and Adaptation to Climate Change" have been posted on the EPA website. Sponsored by the EPA Office of Water and Office of Research and Development, the workshop was held on January 6-7, 2009, in Arlington, VA, and was attended by more than 130 invited experts and stakeholders from the federal, research, utility, engineering, and academic sectors. The EPA National Water Program looks forward to continuing the dialogue that took place at the workshop, with the goal of delivering useful tools to the water and wastewater sector in the near term to help utilities mitigate greenhouse gas emissions and adapt to the impacts of climate change. Resource: <http://epa.gov/ow/climatechange/implementation.html>

PA Bulletin Online – <http://www.pabulletin.com/secure/data/vol39/>

[Volume 39, Number 16](#)

Saturday, April 18, 2009

Pages 1973-2074

[Volume 39, Number 17](#)

Saturday, April 25, 2009

Pages 2075-2184

DEP eNOTICE – Proposed Regulation Update

On 4/21/2009, the EQB took the actions noted on the following proposed regulations:

- Administration of the Water and Wastewater Systems Operator Certification Program – Approved
- Environmental Laboratory Accreditation Amendments – Approved
- Stream Redesignations (Blue Eye Run, et al) – Approved

You will be notified when the approved proposed regulations are published in the Pennsylvania Bulletin for public comment.

DRAFT TECHNICAL GUIDANCE DOCUMENTS AVAILABLE

As of Monday, April 27, 2009. DIRECTIONS: 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
563-2112-224 PDF File	Certification Guidelines for the Chemical and Physical Properties of Coal Ash Beneficially Used at Mines	4/18/2009	5/18/2009	Keith Brady	(717) 787-5103
563-2112-225 PDF File	Mine Site Approval for the Beneficial Use of Coal Ash	4/18/2009	5/18/2009	Keith Brady	(717) 787-5103

TECHNICAL GUIDANCE & PERMITS

The Department of Environmental Protection published a list of available emission reduction credits ([PA Bulletin page 2044](#)), changes in registration for radon contractors ([PA Bulletin page 2054](#)) and [published notice](#) of these final and interim final guidance document changes–

- Final: DEP ID: 273-4000-005. Title: Compliance Assurance Policy for Continuous Emission Monitoring Systems (CEMS) on Combustion Units. Description: This final technical guidance document establishes uniform criteria for assessing monetary penalties for exceedances of emission standards reported from Continuous Emission Monitoring (CEM) Systems, as well as data availability and timeliness requirements for report submittal.
- Final: DEP ID: 400-0200-001. Title: Policy for Pennsylvania Natural Diversity Inventory (PNDI) Coordination During Permit Review and Evaluation. Description: The purpose of this revision is to support continued PNDI coordination, thereby facilitating the existence, protection, and recovery of identified threatened and endangered species and their habitats and special concern species and resources.
- Interim Final: DEP ID: 563-2112-224. Title: Certification Guidelines for the Chemical and Physical Properties of Coal Ash Beneficially used at Mines. Description: Technical guidance document 563-2112-224 contains guidelines relative to the approval process for a coal ash generator to obtain approval for beneficial use of its ash and the chemical and physical standards applicable to qualification for beneficial use.
- Interim Final: DEP ID: 563-2112-225. Title: Mine Site Approval for the Beneficial Use of Coal Ash. Description: Technical guidance document 563-2112-225 contains guidelines relative to use of coal ash at active and abandoned coal mines.

