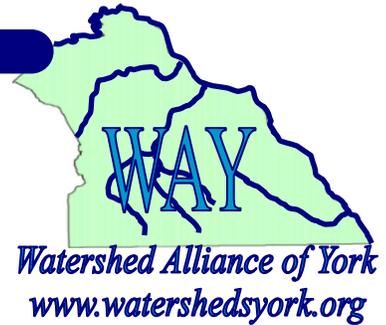


WAY E-NEWS

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



July 6, 2009

A PUBLIC-PRIVATE PARTNERSHIP

Volume 9, Issue 14

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- Pennsylvania's Ag Progress Days – Aug 18-20
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- United We Serve (Jun 22 - Sept 11, 2009)

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- New Online Water Quality Standards Academy "TMDL" Module
- State Water Atlas Available
- New - The Golf Course Water Resources Handbook of Best Management Practices Manual
- Climate Change, Wildlife, and Wildlands Toolkit
- New USGS Assessment of National, Regional Impacts of Global Climate Change
- PA Bulletin Online
- DRAFT TECHNICAL GUIDANCE DOCUMENTS AVAILABLE
- DEP e-Notice – Reg Update

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/

- James A. Mosher, Ph.D. has been chosen to be the new Executive Director of the Alliance for the Chesapeake Bay by the Alliance's Board of Directors. With more than 25 years of environmental advocacy and science experience, Mosher is a great match for the Alliance. Most recently, he served as Deputy Assistant Secretary for Fish and Wildlife and Parks of the U.S. Department of Interior. In this position, Mosher guided policy development to facilitate public/private partnerships to address critical endangered species challenges. In addition, his experience and network of professional colleagues across the conservation and environmental communities and in federal and state wildlife management agencies will bring a diversity of talent and experience to bear on often complex resource issues.
 - Join the growing Chesapeake Watershed Network – www.chesapeake-network.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.chesapeake-network.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

- American Rivers 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/>

- Northern York County Region Comprehensive Plan - Transportation Amendment. Your input matters. Please [Take the survey...](#) The municipalities of Carroll Township, Dillsburg Borough, Franklin Township, and Franklintown Borough, in conjunction with the York County Planning Commission and Adams County, have initiated a Transportation Amendment to the Northern York County Region Comprehensive Plan that encompasses the Route 15 corridor from Carroll Drive to South Ridge Road, Adams County. This study will involve the identification of transportation improvements for the corridor, with a focus on short-term options that can be implemented quickly to improve operations and safety in the study area. If you have any questions, comments, or would like to be on an project update e-mail list, please contact Beth Nidam at the York County Planning Commission (bnidam@ycpc.org). More can be [found here](#)
- <> Contact: Deana Weaver at (717) 432-2211 or admin@carrollcitizens.com

Chesapeake Bay Foundation - www.cbf.org

- A Statement on "[Chesapeake Bay Restoration: Status Report and Recommendations](#)" from CBF President Will Baker
 - Read the [2008 State of the Bay](#) report
 - EPA Bay Cleanup Czar [Pledges "Locked-In Accountability"](#)
- <> 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

- <> 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

- CANCELLED Jul 13 – CCWA Member and Board meeting, 7:00 pm, at York Water Company's Mt. Rose Ave. Facility
 - CCWA to sponsor two Growing Greener Plus grants – Barshinger Creek Watershed Reescence Initiative and Glen Rock Floodplain Restoration
 - HELP-Buffers Program accepting applications for 2009 projects
- <> Contact: Jim Leaman at 843-2929

Condoquinet Creek Watershed Association - www.conocreek.org

- Tue July 14 Board meeting
 - Sat. July 18 or 25 Creek clean-up I & Membership Picnic
 - July 25 Edu. grant awards
- <> 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

- July 9 - Club meeting at Mount Zion United Church of Christ at Ridgewood Road in Pleasureville.
 - July 18 - Yough Raft Trip
 - July 25 - Middle Yough Weekend
- <> 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

Doyle Farm Nursery is thinking about retiring the end of this year. Please come and help us out and buy, buy, buy from our many specials.

- NATIVE PLANT SALE! 10 Garden Phloxes for \$40. A variety of Tiarellas, 10 for \$50. 10 mixed native grasses for \$40. Asters, Monardas, Native Ferns, Asclepias and many more. Plants priced for you to take home. Please join us for our Summer Open House on Saturday July 11th. 9am-4pm.
- At 10 am, Mary Stuart Sierra, owner of Lower Marlboro Nursery in southern Maryland, will be teaching a workshop about propagating native plants from seed. "Some times they come up and some times you wish they wouldn't" says she. Mary Stuart has been growing native plants from seeds for 20 years.
- After Mary Stuart's talk, and buying many plants, spend the rest of the day visiting York County's native plant gardens in MAEscapes, 4th annual BRING BACK THE NATIVES garden tour. Tickets will be sold at the nursery.

Doyle Farm is located at 158 Norris Rd, Delta, PA. We are 6 miles north of the Maryland border, just off Rt 74 and only a few miles from the Norman Wood Bridge. Look for our Open House Signs to the nursery. We look forward to seeing you. -J. Doyle, proprietor

- 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

July Programs:

- Family Twilight Canoe Trips Tuesday and Thursday evenings from approx. 5:45pm- 8:00pm; ages 6- senior. Fee: \$5/member OR \$8/non-member
- Critter Chow-down Wednesdays at 3:00pm; all ages. No fee
- Family Campfire Wednesday, July 1st, July 15th, and July 29th from 6:30pm-8:00pm; all ages. Donation only to cover cost of the smore supplies. Hear a presentation from our guest speaker (July 1st- "Bats: Beasts or Benefactors" By Richard; Anderson; July 15th- "Humble Bess and Bombus Needs" By Peggy Eppig; July 29th- "PAW: Pets and Wildlife at Eden Mill" By Animal Control Officers Stacey Rawlings & Marika Krejci) and then make smores around our campfire.
- Nature Storytime Thursday, July 9th and July 23rd at 11:00am; all ages. Donation only to cover the cost of the craft.
- Nature Nights Saturday, July 11th from 6:00pm-11:00pm; ages 4 -11. Fee: \$25/member or \$30/non-member
- Adventure Week Camp Monday, July 20th- Friday, July 24th from 9:30am-3:00pm; ages 12-15. Fee: \$300/member OR \$315/non-member
- Bee Hive Maintenance Tuesday, July 21st at 4:30pm; all ages. No fee and no registration- meet at bee hives along paved pathway
- Trail Maintenance Saturday, July 26th from 8:00am-12; all ages
- Babes in the Woods- "What's Under Your Feet?" Friday, July, 31st from 10:00am-1:00pm; ages 4-5. Fee: \$25/member OR \$28/non-member

<> 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. 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

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 - www.friends-of-codorus.org/

- Jul 4 - Ice Cream Social. Entertainment, food, rides, etc.

<> 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 - www.gunpowderfalls.org

- Check out our new and improved web site!
- Canoe Trip on the Chesapeake Bay July 11, 10:00 am to 2 pm - The Gunpowder Valley Conservancy (GVC) is inviting you to join us for a fun, educational canoe trip on the Chesapeake Bay, July 11 from 10:00 am - 2:00 pm. If you enjoy the natural surroundings and want to learn more about the plants and animals that live in our bay, want to help raise funds for the GVC's efforts to continue environmental education and restoration projects within the Gunpowder Watershed, and want to have fun, then register with the GVC for this wonderful

event! RAIN or SHINE. Participants must arrive by 10:00 am at the MPNC. We will begin paddling on the Chesapeake Bay by 11:00 am and break for lunch, (provided by the GVC), at the half way point at Dundee Marina. We will return to MPNC by 2:00 pm. (In case of severe thunderstorms, Storm Date will be June 25th.) Registration: You must register by June 26, 2009. Limited Space Available! GVC Members receive \$5 discount. A \$50 per adult, and \$25 per child (age 8 to 17) donation is requested to cover the cost and to help GVC continue its restoration efforts within the Gunpowder Watershed. You may also purchase a \$5 raffle ticket towards a chance to win one FREE canoe trip. To register, become a GVC member, or for questions contact Peggy Perry, Program Director for the GVC at 443-415-7969 or at little-owl@msn.com.

<> TO VOLUNTEER OR REGISTER FOR FREE or for more information contact Peggy Perry, Program Director for Gunpowder Valley Conservancy at 410-668-0118 or email little-owl@msn.com.

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/

- Calendar of events 2009 - 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. Visit our calendar of events online at <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.

Susquehanna Heritage – <http://www.susquehannaheritage.org/>

- Formerly the Lancaster-York Heritage Region
- <> 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

- Please join the Lower Susquehanna Riverkeeper, the National Wildlife Federation, and PennFuture at an outreach and strategy meeting of the Chesapeake Bay Watershed Coalition and the [Choose Clean Water Campaign](#). The meeting will be held on Tuesday evening July 14th at the offices of the Lower Susquehanna Riverkeeper, 324 W. Market Street, York from 6pm to approximately 7:30pm. Directions to the office can be found on our website.
 - Intersex Fish Linked To Population And Agriculture In Potomac River Watershed. Research by the U.S. Geological Survey shows that a high incidence of intersex occurs where farming is most intense and where human population density is highest. Read the Science Daily Article here www.sciencedaily.com/releases/2008/02/080208115302.htm. More information can be found online by searching 'intersex fish'.
- <> 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

- Upper Western Shore Trib Team meeting is MONDAY, July 6th, at Sherwood House, in Baltimore county... a big thanks to Steve Stewart for arranging the meeting and tour. We'll be 'out and about' so dress accordingly. Join us just a bit before 5:30, so we can begin on time and have a bit of a cushion for our tour. For those of you who google directions, the street address is: 2002 Cromwell Bridge Road, Baltimore, MD 21234. The agenda with driving directions is attached.
- <> 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

Mason-Dixon Trail Society

- The FERC is undergoing relicensing effort for Conowingo, and York Haven. Holtwood may be part of the study. They are proposing an environmental study as part of the effort that will cover the entire water shed. If you want to make any comments or propose any studies you have to do it before July 10. We are proposing a study of the recreational access to the Muddy Creek gorge. The Fish and Boat Commission says that they will join us in seeking that study.
- <> Contact: James Hooper at james.hooper@worldnet.att.net.

Messiah College – www.messiah.edu

- Oakes Museum – “Minerals – Nature’s Building Blocks” from our geology collection
- <> 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!)

- 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. For gardens featured on the Bring Back the Natives Tour, download our brochure at www.maescapes.org.
 - 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/

- PA-Presentation, Council for the Reclamation of Disturbed Lands in Pennsylvania Annual Meeting Tue, June 9, 9:30am – 10:30am, DCNR Little Pine State Park. Description Sara Fitzsimmons will give a presentation on American Chestnut restoration efforts at the meeting
- <> 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

- Tuesday 07 July – BUTTERFLY SURVEY Brunner Island Environmental Preserve: Tuesday, July 7 at 10:00a.m. The wetlands staff and volunteers have been busy adding even more plants to help attract our butterfly residents.
 - Saturday 11 July – BUTTERFLY COUNT. Holtwood Environmental Preserve: Saturday, July 11 - at 9:00a.m. The Fourth of July Butterfly Count – the summer equivalent of the Christmas Bird Count – will be one of nearly 500
 - Sunday 12 July – Edible Plants Walk at the Wetlands Nature Area. Join Jerry and Len Janus as they return to the Riverlands with their fascinating and popular program on wild plants
 - "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.
- <> 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

- Tree-Mendous Maryland Program - The Baltimore County Department of Environmental Protection and Resource Management is once again pleased to partner with the Maryland Department of Natural Resource's (DNR) in the state's Tree-Mendous Maryland Program, by coordinating the free delivery of trees to citizens and community groups for planting in Baltimore County. For program details and ordering instructions, please go to www.baltimorecountymd.gov/Agencies/environment/education/ep_needtrees.html.
 - The Growing Home Campaign - This Baltimore County DEPRM program provides homeowners with education about the multiple benefits of planting trees and a \$10 savings on the purchase of qualifying trees. For more information on the campaign or to download the coupon please go to <http://www.baltimorecountymd.gov/Agencies/environment/growinghome/index.html>
- <> Contact: Nancy Shaper at nshaper@jhmi.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.
- <> 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
- <> 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, July 18, 2009 - Innertube Float on the Susquehanna River. We'll start in Dauphin, end at Fort Hunter. Details to follow.
 - Tuesday, July 28, 2009 - 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

- Spoutwood Farm CSA finds that it could use a fourth apprentice. Low Pay, Hard Work, Enchanting Garden and People. Now until Nov 1. If interested, reply by email or 717-235-6610
- <> Contact: Rob Wood, 717-235-6610, Spoutwood@supernet.com

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

- NEW! Adult Naturalists Program Series July 8, July 22, August 5, August 26; 6:30 to 8 p.m. This new four-part series is designed for adults who want to learn more about the natural environment of Adams County. Each session focuses on a different aspect of Strawberry Hill's environmental education programs. Participants receive background on environmental education interpretation methods and the natural history of Adams County. Because each session is tailored to meet the Pennsylvania Department of Education Academic Standards for Ecology and Natural Sciences, professional naturalists, volunteers, teachers, and informal science educators will find the series particularly useful. The four sessions are: [Biodiversity in the South Mountain Region](#), [Birding Basics](#), [Adaptations and the Environment](#), and [Pond and Stream Life](#). Those who complete the series will be eligible to teach as naturalists at Strawberry Hill Nature Preserve. No experience is required to become involved! All programs will be offered at Carroll Valley Park and Strawberry Hill. Register for each session individually.
 - Adult Naturalists 1: Biodiversity in the South Mountain Region July 8 , 6:30 to 8 p.m. Introducing our new four-part series of environmental education programs for adults. The first session introduces the local environment and features visits from Strawberry Hill's live animals. Register by July 7. Members, \$5; non-members, \$8. [Email Registration Option](#)
 - Dusk Discovery Walk 1 July 21, 7 to 8:30 p.m. Enjoy a summer evening in the shady forest of Strawberry Hill's stream valley. We'll be serenaded by woodland birds as we explore one of the Preserve's most scenic areas. Register by July 20. Members, \$5; member families of five or more, \$25; non-members, \$8; non-member families of five or more, \$40; children age 3 and under, free. [Email Registration Option](#)
 - Adult Naturalists 2: Birding Basics July 22, 6:30 to 8 p.m. Second in a series of adult classes on nature-related topics. Register by July 21. Members, \$5; non-members, \$8. [Email Registration Option](#)
- <> 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

- Wildlife for Everyone- 5 Mile Race State Game Lands 252 – Allenwood, PA. Saturday, July 11th 2009 at 9 a.m. This course encompasses dirt roads and grassy lanes, making it "Roadrunner" friendly, which are closed to vehicle travel, providing the potential to see some of Pennsylvania's "resident critters". Prizes are available along with race time refreshments and snacks! Race shirts to all pre-registered participants... limited quantities on race day! All proceeds will go toward the Wildlife for Everyone Endowment Foundation, a 501(c)3 nonprofit foundation. Entry Fee: \$20 Pre-registered / \$25 Day of race. Make checks payable to Mid Penn Trailblazers and mail to 22 S. Jones Drive Watsonstown, PA 17777.
 - 2009 Greenway Sojourn THE 7TH GREENWAY SOJOURN, July 22-26, 2009, will lead 250 cyclists on a ride through one of Pennsylvania's most spectacular natural areas, the [Pine Creek Gorge](#). The route of the Greenway Sojourn will focus on the 64-mile Pine Creek Rail Trail, which parallels the creek through the heart of the Pine Creek Gorge. The rail-trail follows the path of a 19th century railroad that hauled lumber out from the valley. Registration for this tour is limited to 250 people, so secure your spot on the 2009 Sojourn today. Location: Williamsport. Phone: 1-202-331-9696. Web: <http://www.railstotrails.org>
- <> 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/>

- THE GREEN PAGES ARE COMING! If you are interested in advertising or placing a coupon in the 2010 Green Pages, please contact Lydia at info@susquehannasbn.org. We are expanding and redesigning the Green Pages to make them a truly regional guide to shopping locally and sustainably.
 - SSBN's Online Marketplace is a resource for businesses and consumers to find Independent, Locally-Owned Businesses offering the goods and services they need.
- <> 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'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.
- <> 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

- Monthly Chapter Meeting July 8, 2009, 7:00 p.m., Laughman's Sawmill pavilion
- <> Contact: Tom Finenze at 840-1372 or tom@codorustu.org. Cancellations due to winter weather will be announced here, and on WSBA Radio, 910 AM.

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

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

United Way of York County

- Your Organization is Invited to Submit Projects for United Way of York County's Day of Action! What It Is: A volunteer event connecting donors to a meaningful volunteer experience at local United Way and Volunteer Center agencies. You receive needed help and promote

your organization, while making new volunteer connections in the community. When: Friday, September 11, 2009. Groups will head out to local agency projects after the United Way breakfast Kickoff at the Pullo Performing Arts Center. (Morning projects are requested). Kickoff – 7:30 a.m. at the Pullo Performing Arts Center, Penn State York (program and continental breakfast). Projects – 9:00 a.m. – 12 noon or 1 p.m. (If your organization or the group needs to consider other times, contact The Volunteer Center at 717-846-4477). Project ideas: Office cleaning, painting, camp maintenance, landscaping, building shelves, providing a client picnic or party, cleaning carpets, delivering supplies, painting playground equipment, washing windows, stream cleanup, etc. It can be inside or outside, large or small. Register: register your project online at Volunteer Solutions. <http://volunteer.united-e-way.org/uwoyc/agency/>. If you do not have this ability, contact The Volunteer Center 717-846-4477. Projects need to be submitted on Volunteer Solutions before July 3, 2009. Thank you very much! For more info, contact Marlene Cook, Volunteer Coordinator, United Way of York County Volunteer Center, www.unitedway-york.org.
<> Contact: Kim Goff goffk@unitedway-york.org

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/>

- 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: mkirk@adamswatersheds.org

Watershed Alliance of York – www.watershedsyork.org

- Oct. 7 – 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

- YELLOW BREECHES CREEK WATER TRAIL GUIDE AVAILABLE (CARLISLE, PA) –To request a printed copy of the guide, contact the Cumberland County Planning Office at (717) 240-5362 or e-mail planning@ccpa.net. To access the guide online, visit www.ccpa.net/planning (go to “Greenway & Open Space Preservation Initiatives” and click on “Water Trails of Cumberland County”). Visit the Pennsylvania Fish and Boat Commission website at www.fishandboat.com for statewide information on Pennsylvania Water Trails.
 - September 9, 2009 – YBWA Board Meeting
 - October 2009 – TBA - Annual Membership Meeting
 - December 9, 2009 – YBWA Board Meeting
- <> Contact: John Eby, President, at john_eby@lower-allen.pa.us

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

- 20 Aug. – YARSGC Public Forum; 8:30 am at RAYAC Offices, W. Manchester
- <> 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/>

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

YorkCounts – yorkcounts.org

- The [York County Economic Development Corp.](http://yorkcounts.org) and the [York County Planning Commission](http://yorkcounts.org) have issued a draft 10-year economic development strategy for York County. They released the draft May 5, and there was a public meeting to give an overview of the plan and take public comment. Read the full draft plan, all 222 pages online at www.ycpc.org. The public comment period ends June 22. [York County Commissioners](http://yorkcounts.org) will hold a public hearing on the plan at their regular meeting July 8.
 - 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

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

York County Agriculture Business Council

- The next meeting of the York County Agriculture Business Council will be on Wednesday, July 8 at 8:00 am at Pleasant Acres Room 4.
 - The York County Agriculture Business Council and the Horn Farm Center for Agriculture Education are partnering to organize a York County Farmstand Tour! This Farmstand Tour will be held on Saturday, August 8 from 10 a.m. – 3 p.m.. Guests visiting a set number of locations will be entitled to free peaches and ice cream at our two finale locations: Horn Farm Center and York County 4-H Fair.
- <> 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

- <> 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

- July 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

- <> Contact: 717-771-9870 or e-mail planner@ycpc.org

York County Parks & Recreation - <http://www.york-county.org/>

- July 6-10: Archaeology Week I Nixon Park, 9 a.m.–3 p.m. For ages 9–12. \$125, pre-registration required by calling 840-7440.
- July 7: Fox Story Time: “Scales and Tails” Nixon Park, 9–11 a.m. Parent with a child ages 4–7. \$5, please call 428-1961 to pre-register.
- July 7: Sunset Scramble Bike Ride Rail Trail, Railroad Parking Area, 6:30–9 p.m.
- July 8: Kayak Lessons Kain Park, Lake Redman Activity Area, 5:45 p.m.–dusk. Call Uller’s at 747-0095 to pre-register.
- July 8: Family Rambles Rocky Ridge Park, Oak Timbers Parking Area, 6:30–7:30 p.m.
- July 8: Porch Talks at the Stations Hanover Junction Train Station, 7 p.m.
- July 8: Porch Talks at the Stations New Freedom Train Station, 7 p.m.
- July 9: Raab Park Archaeology Walk Raab Park, 6–8 p.m. 1.5-mile stroll through history and remains of the York Iron Company Mine.
- July 11: Nine in '09 Hike: Apollo Park Apollo Park, Shenk’s Ferry Rd. Parking Lot, 9–11 a.m. Pre-register by calling 428-1961.
- July 11: Public Star Watch Rudy Park, 8–10 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. Groups with ten or more people should place a courtesy call to 578-9109.
- July 11: Forgotten Friend Reptile Show Nixon Park, 11 a.m.–12 noon & 1–2 p.m.
- July 11–26: Photography Contest on Display Nixon Park Nature Center, during normal hours.
- July 12: Wallace-Cross Mill Open House Wallace-Cross Mill, 1:30–4:30 p.m.
- July 12: The Not So Common Garter Snake Nixon Park, 2:30–4 p.m.
- July 14: Sunset Scramble Bike Ride Rail Trail, New Freedom Parking Area, 6:30–9 p.m.
- July 14: Highpoint History: Industry on the Susquehanna Highpoint Scenic Vista, 7 p.m.
- July 15: Senior Excursion Rail Trail, Brillhart Station Parking Area, 10 a.m., 12 noon, 2 p.m. & 7 p.m. \$5, pre-register at 840-7440.
- July 18: Nine in '09 Hike: Kain Park, George St., Parking Area, 9–11 a.m. Pre-register at 428-1961.
- July 18: Butterfly Count Nixon Park, 9 a.m.–2 p.m. Please call 428-1961 to pre-register.
- July 19: Wallace-Cross Mill Open House & Corn Roast Wallace-Cross Mill, 1:30–4:30 p.m.
- July 19: Backyard Chickens Nixon Park, 2:30–4 p.m. Local chicken owner will share her knowledge of raising from chick to egg layer
- July 21–24: Nature Discovery Program I Nixon Park, 9–11:30 a.m. OR 1–3:30 p.m. For ages 5 and 6. \$55, call 840-7440 to pre-register.
- July 21: Sunset Scramble Bike Ride Rail Trail, Indian Rock Elementary School, 6:30–9 p.m.
- July 21: Fox Story Time: “Nest Builders” Nixon Park, 9–11 a.m. Parent with a child ages 4–7. \$5, please call 428-1961 to pre-register.
- July 22: Family Rambles Rocky Ridge Park, Oak Timbers Parking Area, 6:30–7:30 p.m.
- July 22: Porch Talks at the Stations New Freedom Train Station, 7 p.m.
- July 23: Grandparents–Grandchild Camp Nixon Park, 2–3:30 p.m. For children ages 5 and up. \$40 for series, pre-register at 428-1961.
- July 23: Evening Nature Camp Nixon Park, 6–7:30 p.m. Children ages 7–10. \$40 for series, pre-register at 428-1961.
- July 24: Family Fishing Program Kain Park, Spartan Road Parking Lot, 5–8 p.m. No license required. All equipment will be provided.
- July 25: Gold Panning Seminar Spring Valley Park, Line Road Parking Area, 9 a.m.–2 p.m.
- July 25: Nine in '09 Hike: Spring Valley Park Spring Valley Park, Line Rd., 9–11 a.m. Pre-register by calling 428-1961.
- July 25: DreamWrights Presents “Taming of the Shrew” Kain Park, Lake Redman Activity Area, 6:30 p.m.
- July 25: A Bug’s Night Life Nixon Park, 8:30–11 p.m. For ages 10 and up. Rain date August 1. Please call 428-1961 to pre-register.
- July 26: Wallace-Cross Mill Open House Wallace-Cross Mill, 1:30–4:30 p.m.
- July 26: Ridge Top Walk Nixon Park, 2:30–4 p.m.
- July 28: Highpoint History: A Remarkable Woman of the Susquehanna Highpoint Scenic Vista, 7 p.m.

- July 28: DreamWrights Presents “Taming of the Shrew” Rudy Park, 6:30 p.m.
 - July 28: York County Parks Advisory Board Meeting Pleasant Acres Annex, 7 p.m.
 - July 28: Sunset Scramble Bike Ride Rail Trail, Brillhart Station Parking Area, 6:30–9 p.m.
 - July 29: Kayak Lessons Kain Park, Lake Redman Activity Area, 5:45 p.m.–dusk. Call Uller’s at 747-0095 to pre-register.
 - July 30: Grandparents–Grandchild Camp Nixon Park, 2–3:30 p.m. For children ages 5 and up \$40 for series, pre-register at 428-1961.
 - July 30: Evening Nature Camp Nixon Park, 6–7:30 p.m. Children ages 7–10. \$40 for series, pre-register at 428-1961.
- <> Contact ADMINISTRATIVE HEADQUARTERS (Located adjacent John Rudy County Park) 400 MUNDIS RACE ROAD . YORK, PENNSYLVANIA 17406-9721. TELEPHONE: 717-840-7440 . FAX: 717-840-7403. Web: www.yorkcountyparks.org .Email: Parks@york-county.org



WATERSHED EDUCATION & OUTREACH

National Research Council findings and proposed effluent guidelines could add up to significant changes

Many new things are happening in the erosion and sediment control industry. A new report released by the National Research Council in late 2008 states that the EPA’s stormwater program needs a significant overhaul to improve its effectiveness and the quality of urban streams. In addition, a new proposed rule regarding effluent limitations guidelines and standards for construction and development was published in the Federal Register on November 28, 2008, for public comment. These two documents have the potential to change the industry significantly in the coming years. The EPA recognized a number of problems with the stormwater program as it is currently implemented. First, there is limited information available on the effectiveness and longevity of many best management practices (BMPs), thereby contributing to uncertainty of their performance. Second, the requirements for monitoring vary depending on the regulating entity and the type of activity. Finally, state and local stormwater programs are plagued by a lack of resources for reviewing stormwater pollution prevention plans (SWPPPs) and for conducting regular compliance inspections. For all these reasons, the EPA believes the stormwater program has suffered from poor accountability and uncertain effectiveness at improving the quality of the nation’s waters. In light of these challenges, the EPA requested the advice of the National Research Council’s Water Science and Technology Board on its stormwater permitting program. The following tasks guided the council:

- Clarify the mechanisms by which pollutants in stormwater discharges affect ambient water-quality criteria and define the elements of a “protocol” to link pollutants in stormwater discharges to ambient water-quality criteria.
- Consider how useful monitoring is for both determining the potential of a discharge to contribute to a water-quality-standards violation and for determining the adequacy of SWPPPs.
- Assess and evaluate the relationship between different levels of SWPPP implementation and in-stream water quality, considering a broad range of BMPs.
- Make recommendations for how to best stipulate provisions in stormwater permits to ensure that discharges will not cause or contribute to exceedances of water-quality standards.
- Assess the design of the stormwater-permitting program implemented under the Clean Water Act.

Read more... <http://www.erosioncontrol.com/products-and-services-2010/developments-sediment-control.aspx>

What Can Be Done About Micropollutants In Water Resources?

ScienceDaily (June 23, 2009) — Worldwide, around 11,000 new substances are registered every day. Chemicals are an indispensable part of our daily lives: industrial chemicals, pesticides and biocides, medicines, cleaning agents, flame retardants for furniture and plastics – the list could be extended indefinitely. Ultimately, almost all these substances find their way into natural waters, albeit in some cases in very low concentrations. This is true not only for soluble substances but also for nanoparticles, which – in a rapidly expanding market – are already found in over 800 products. Eawag has demonstrated, for example, that titanium dioxide nanoparticles, used as a whitening pigment in facade paints, are released into the environment in rainwater runoff. Although these pigments are of little concern in terms of ecotoxicology, a joint Eawag/Empa project showed that silver nanoparticles from facades also enter the aquatic environment. Here, they can continue to exert the antimicrobial effects that are desired in the facade, destroying algae and fungi. While research has previously focused on the effects of individual substances under controlled laboratory conditions, it is now becoming clear that the situation in natural waters is considerably more complex: mixtures of substances can produce additive effects, and new stressors – such as increased water temperatures or higher levels of ultraviolet radiation associated with climate change – can create additional pressures for organisms exposed to pollutants. In particular, the classical doctrine that effects are determined by the dose alone has now been called into question. For example, exposure to pesticides typically fluctuates sharply, and Eawag researchers have shown that the interval between two peak concentrations is a crucial factor determining whether organisms are permanently damaged or are able to recover. If this period is too short – e.g. less than 34 days in the case of the freshwater amphipod *Gammarus pulex* exposed to the pesticide carbaryl – a second wave of contamination will be significantly more toxic, as the organisms have been damaged by the previous exposure. Accordingly, Eawag has developed a model which takes these findings into account and should thus improve risk assessment for chemicals. In addition, Eawag researchers have shown that it is essential for transformation products to be taken into consideration in chemicals assessment and water quality monitoring: in a study involving 37 pesticides, 30% of the transformation products were found to be as toxic as or even more toxic than the parent compound. The transformation products are also frequently more persistent and mobile, so that they can even be detected in groundwater. Pesticides are released not only from agricultural sources but also from urban areas, where they are used, for example, in gardens and on sports grounds or as biocides for material protection purposes. In wet weather, these substances are washed away and, if the runoff cannot be stored in retention facilities, pollutants enter receiving waters without first passing through a wastewater treatment plant. This explains the importance of precautionary measures such as increasing the capacity of overflow tanks or improving materials. In the case of bitumen sheets (roofing felt), cooperation between Eawag and industry has resulted in manufacturers changing their formulations and the recommendations for use of their products. Thanks to the change in formulation, the leaching of the herbicide mecoprop (used to prevent root penetration in sealing membranes) has been reduced more than tenfold in new bitumen sheets. Over the long term, in combination with the recommendation that root-resistant products should only be used in essential cases, this should allow a reduction of more than 95% in environmental releases of mecoprop from bitumen sheets. The example of bitumen sheets shows that releases of pollutants can be avoided or reduced by tackling the problem at the production stage. As things stand, however, wastewater entering treatment plants from urban areas contains a cocktail of contaminants.

Because our wastewater treatment plants were designed mainly to remove nutrients rather than chemicals, some of these substances subsequently enter receiving waters. As part of the "MicroPoll" strategy initiated by the Federal Office for the Environment (FOEN), Eawag has therefore been investigating how wastewater could be more effectively purified. In a pilot experiment at the Regensdorf plant (Canton Zurich), it was shown that the ozonation of wastewater largely eliminates the toxic effects of micropollutants. The additional treatment step would only increase wastewater charges by about 10%. It could therefore make sense to upgrade wastewater treatment plants, especially where treated effluents are discharged into small receiving waters. *Adapted from materials provided by [EAWAG: Swiss Federal Institute of Aquatic Science and Technology](#).*

Artificial Sweeteners May Contaminate Water Downstream Of Sewage Treatment Plants And Even Drinking Water

ScienceDaily (June 18, 2009) – Sewage treatment plants fail to remove artificial sweeteners completely from waste water. What's more, these pollutants contaminate waters downstream and may still be present in our drinking water. Thanks to their new robust analytical method, which simultaneously extracts and analyses seven commonly used artificial sweeteners, Marco Scheurer, Heinz-Jürgen Brauch and Frank Thomas Lange from the Water Technology Center in Karlsruhe, Germany, were able to demonstrate the presence of several artificial sweeteners in waste water. Their findings are published online this week in Springer's journal *Analytical and Bioanalytical Chemistry*. A range of artificial sweeteners are commonly used in food and drinks, as well as drugs and sanitary products. The potential health risks of artificial sweeteners have been debated for some time. Until now, only sucralose has been detected in aquatic environments. Through the use of a new analytical method, the researchers were able to look for seven different artificial sweeteners (cyclamate, acesulfame, saccharin, aspartame, neotame, neohesperidin dihydrochalcone and sucralose) simultaneously, and show, for the first time, that a number of commonly used artificial sweeteners are present in German waste and surface water. Scheurer and colleagues collected water samples from two sewage treatment plants in Germany – Eggenstein-Leopoldshafen and Karlsruhe – as well as from a soil aquifer treatment site located in a Mediterranean country that treats secondary effluent from a sewage treatment plant. They tested the water samples using their new analytical method and detected four (acesulfame, saccharin, cyclamate, and sucralose) of seven artificial sweeteners in the waters from the two German sewage treatment plants, indicating incomplete elimination during waste water treatment. Their analyses also showed that these pollutants contaminate rivers and streams receiving water from the sewage treatment plants. The authors then compared the conventional waste water treatment by sewage treatment plants with advanced waste water treatment by soil aquifer treatment. Traces of artificial sweeteners were present in both cases, proof that water purification was incomplete. *Journal reference: Scheurer et al. Analysis and occurrence of seven artificial sweeteners in German waste water and surface water and in soil aquifer treatment (SAT). Analytical and Bioanalytical Chemistry, 2009; DOI: [10.1007/s00216-009-2881-y](https://doi.org/10.1007/s00216-009-2881-y). Adapted from materials provided by [Springer](#).*

Wildlife For Everyone Foundation Partners To Restore Bald Eagle Tributary, York County

In 2006, a Compliance Violation was issued to the Department of Transportation, requiring the restoration of the tributary to Bald Eagle Creek in York County near the SR 2051 culvert bridge crossing. The primary goal of the project was to restore the channel to its natural dimensions in order to facilitate the transport of sediment, and to prevent deposition within the culvert bridge, which created a constant maintenance effort for PennDOT. A portion of this stream was actively meandering, and as a result was cutting into a steep bank, adding additional sediment to the stream. As part of the restoration plan, a portion of the channel was realigned in order to streamline the flow and thereby facilitate sediment transport through the system. The rest of the existing channel was reshaped to the proper dimensions by either building bank full benches or by cutting and sloping of the banks. A total of 23 log vanes were installed along the reach to direct flow away from the banks, while at the same time enhancing the aquatic habitat of the stream. Two rock cross vanes were constructed downstream of the culvert to maintain stream grade where excess dredging had occurred and to concentrate the flow in the middle of the channel. In order to minimize impacts from livestock on the property, three cattle crossing structures were installed at optimum positions along the reach; likewise, most of the stream was fenced in to deny cattle unlimited access to the stream and its banks. For this project, the U.S. Fish and Wildlife Service applied for the permits, developed the restoration plan, and provided construction services; PennDOT provided construction support in the form of equipment; the [Wildlife For Everyone Endowment Foundation](#) assisted with the management of funds. The primary benefits of this restoration project are: reducing sediment deposition around the culvert bridge; stabilizing the banks to reduce erosion and sediment input to the stream; and improving wildlife habitat by providing a healthy stream channel with natural log and rock features. The ecological value of the stream is expected to greatly increase.

Over 57 Percent Of Major Crop Acreage In PA Uses No-Till Practices A new survey released this week by the U.S. Department of Agriculture

Pennsylvania Field Office found no-till practices on 57.5 percent of major crop acreage in the Commonwealth and the remaining 20.9 percent use other conservation tillage practices. No-till farming practices reduce nutrient and sediment runoff, improve soil health and allow farmers to use less fuel and commercial fertilizer to grow the crops with the same or higher yields. The survey found 70 percent of soybeans, 57 percent corn, 55 percent of barley, 55 percent of winter wheat and 22.7 percent of oats were raised using no-till.

[A copy of the survey is available online.](#) For more information on no-till, visit the [PA No-Till Alliance website](#).

Video Contest Winners Inspire Stewardship for the Nation's Waters

The two winners of EPA's first-ever water quality video contest made videos that will help educate the public about water pollution and give simple steps that people and communities can take to improve water quality. View:

<http://yosemite.epa.gov/opa/admpress.nsf/3881d73f4d4aaa0b85257359003f5348/6fb9703c35184fc9852575e50062d3e9!OpenDocument>



WATERSHED FINANCIAL ASSISTANCE

Resolution Adopted To Evaluate Growing Greener, Community Conservation Grant Programs

The House this week adopted [House Resolution 17](#) (Harper-R-Montgomery) directing the [Legislative Budget and Finance Committee](#) to review the [Growing Greener II](#) and DCNR's [Community Conservation Partnerships](#) programs. The resolution directs the Committee to, at a minimum—

- determine the costs and benefits of the Growing Greener II Program, including a compilation of miles of stream buffers restored, acres of wetlands restored, abandoned mine land reclaimed, oil and gas wells plugged, acres of open space preserved, infrastructure improvement made, catalog State Park and Forest improvements and the number and type of energy and brownfield projects funded;
- review the projects completed under the Growing Greener County Environmental Initiative Program;
- review and evaluate projects completed by the Game and Fish and Boat Commission; and
- make a study of various proposals for continued funding for environmental initiatives to address watershed improvements, preserve farmland and open space, reclaim abandoned mines, improve infrastructure, State Parks and Forests and for the Community Conservation Partnerships Program.

The Committee is to report its findings to the General Assembly within one year.

Maryland –COVER CROP PROGRAM ENROLLMENT TO RUN – Jul 8

Following up on his pledge to accelerate the Chesapeake Bay cleanup, Governor Martin O'Malley has committed approximately \$12 million in cost-share funds to farmers who plant cover crops on their fields this fall to reduce nutrient runoff, control soil erosion and protect water quality in the Bay and its tributaries. Enrollment for the statewide program will take place from June 22 through July 8, 2009 at local soil conservation district offices. This year, farmers may use a single application to apply for MDA's Traditional Cover Crop Program, which does not allow for harvest, and the Commodity Cover Crop Program, which allows farmers to harvest their cover crops. Farmers who plant traditional cover crops this fall receive a base rate of \$40 per acre. Additional incentives allow farmers to receive up to \$85 per acre if their farm is located in a targeted watershed, they plant early, select rye as their cover crop, or follow other environmental guidelines. Farmers who harvest their cover crops will receive \$25 an acre. Farmers may enroll up to 750 acres in this year's Cover Crop Program. Of this total, no more than 250 acres may be enrolled as commodity cover crops. Farmers may select which acres to retain for commodity in the spring. Standby acres will be accepted if funds are available after regular sign-up ends. To help offset seed costs, MDA will reimburse farmers at a rate of \$25/acre following fall certification. In addition, farmers will be able to wait until spring to determine which of their enrolled fields they will retain for harvest. To address time and labor concerns and help farmers meet planting deadlines, MDA will provide a list of contractors available to plant cover crops following harvest. Cover crops are cereal grains that may be planted immediately following the fall harvest of corn, soybeans, sorghum, tobacco or vegetables. Barley, canola, rapeseed, kale, rye, ryegrass, spring oats, triticale, and wheat planted in the fall of 2009 are eligible. All seed used is required to meet Maryland Seed Law and Regulatory Standards and have a minimum germination rate of 80 percent. The 2009-2010 Maryland Cover Crop Program is administered by MDA through the Maryland Agricultural Water Quality Cost-Share (MACS) Program and funded largely by the Chesapeake Bay Restoration Fund and the Chesapeake Bay 2010 Trust Fund. Applicants must be in good standing with MACS to participate and must be in compliance with the Nutrient Management Program. Farmers should visit their local soil conservation district to enroll between June 22 and July 8, 2009. For more information, contact the MACS office at 410-841-5864. For more information please contact: Sarabjit Jagirdar, Email:- htsyndication@hindustantimes.com.

Wetland Program Development Grants Request for Proposals – Jul 15

On Friday May 29, 2009, EPA announced the release of the FY09 National Wetland Program Development Grants Request for Proposals (RFP). The total amount of expected federal funding available under this announcement is approximately \$550,000 and the federal portion of the awards will range from \$25,000 to \$225,000. Grants are awarded through Section 104(b)(3) of the Clean Water Act and are made to build the capacity of all levels of government to develop and implement effective, comprehensive programs for wetland protection and management. This year the RFP lists five national priority areas: 1) State/Tribal Technical and Meeting Support; 2) Regulation; 3) Monitoring and Assessment; 4) Voluntary Restoration/Protection; and 5) Water Quality Standards for Wetlands. The RFP will close at 7pm EDT on July 15, 2009, with decisions expected by the end of the fiscal year. The RFP can be viewed on the EPA wetlands website:

<http://www.epa.gov/owow/wetlands/pdf/HQrfp09.pdf>

The 2009 Kodak American Greenways Awards – Jul 15

Do you know an organization that is working to create or improve a greenway, trail or waterway? Apply for a Kodak American Greenways Award grant and your organization could receive up to \$2,500 in grant funds. The Eastman Kodak Company, The Conservation Fund and the National Geographic Society team up each year to present the Kodak American Greenways Awards Program. One major aspect of the Program provides grant funding to organizations that enhance our nation's outdoor heritage by creating and restoring greenways, blueways, trails and open space systems. This year's application deadline has been extended to July 15th. Most grants range from \$500 to \$1,000. The maximum grant is \$2,500. Apply: <http://grants.conservationfund.org/tcf/public/displayLogin.action>

Growing Greener Plus - PA DEP Watershed & Flood Protection Grants – Jul 17

PA DEP is accepting applications for grants under the Growing Greener Plus program. Applicable projects should protect watersheds from nonpoint source pollution or restore damaged waterways. Deadline to apply is July 17, 2009.

<http://www.ahs2.dep.state.pa.us/newsreleases/default.asp?ID=5514>

EPA to Award \$10 Million in New Climate Change Grants to Communities – Jul 22

PHILADELPHIA (June 24, 2009) - For the first time, EPA is making available up to \$10 million in Climate Showcase Communities grants to local and tribal governments. These grants are designed to assist communities to establish and implement climate change initiatives to help reduce greenhouse gas emissions. The agency expects to award approximately 20-30 cooperative agreements, each one ranging from \$100,000 to \$500,000. Approximately five percent of the funds (\$500,000) are set-asides for tribal governments. The grants are only available to government agencies such as local governments, federally-recognized Indian tribal governments, local public authorities, school districts, special districts, intrastate districts, councils of governments, regional or interstate government entities. The grants would be used to create models of sustainable community action, generate cost-effective greenhouse gas reductions, improve the environmental, economic,

public health, and social conditions in a community, which can be replicated in other communities. A 50 percent cost-share is required for recipients, with the exception of tribal governments and intertribal consortia, which are exempt from matching requirements under this grant. In addition to funding, the grant program will offer peer exchange, trainings, and technical support to grant recipients. Each grant recipient will be profiled online and in EPA materials. The agency will share lessons learned from the grant program with communities across the nation. Proposals are due no later than July 22, 2009, at 4:00 p.m. EDT. Grants are expected to be awarded in January 2010. For more information go to: <http://epa.gov/cleanenergy/energy-programs/state-and-local/showcase.html> or in the mid-Atlantic region, contact: Andrew Kreider, 215-814-3301 or kreider.andrew@epa.gov. To download the Request for Applications go to: <http://www.epa.gov/air/grants/09-08.pdf>

NRCS Seeking Proposals for Conservation Innovation Grants – Jul 24

ANNAPOLIS, MD, June 23, 2009—The Natural Resources Conservation Service (NRCS) in Maryland is seeking proposals for Conservation Innovation Grants (CIG) for fiscal year 2009. NRCS Maryland anticipates that \$340,000 will be available to support this program. The CIG program is designed to stimulate the development and adoption of innovative conservation approaches and technologies. Applications are due by 4 pm on July 24, 2009. There are two CIG categories available in FY 2009: Natural Resource Concerns Category and Technology Category. Applications are requested from eligible governmental or non-governmental organizations or individuals for competitive consideration of grant awards for projects lasting from one to three years. Information on the objectives for CIG projects, the eligibility criteria for projects, and application instructions are available on www.md.nrcs.usda.gov/programs/cig/cig.html. Applications can be submitted electronically or mailed to NRCS; Attn: Tom Morgart, Maryland Farm Bill Program Specialist, 339 Busch's Frontage Road, Suite 301, Annapolis, MD 21409. Questions should be addressed to Morgart at (443) 482-2927 or thomas.morgart@md.usda.gov. Applications must be received in the NRCS Maryland State Office by 4 pm EST on July 24, 2009.

Department Of Agriculture Outlines Benefits Of REAP Farm Conservation Tax Credit – Aug 3

Pennsylvania farmers are making further investments in the environment by implementing on-farm conservation practices while enhancing their farm's production, thanks to the [Resource Enhancement and Protection tax credit program](#), or REAP. REAP encourages farmers to use conservation best management practices to reduce erosion and sedimentation impacting Pennsylvania's streams and watersheds. The program has proven to be an effective tool to reduce sediment and nutrient – specifically, phosphorous and nitrogen – runoff from their farms. Excess nutrients that exceed a waterway's absorption capacity become pollutants that destroy aquatic and plant life. Applications for the 2009-2010 program will be accepted by the commission beginning August 3, on a first-come, first-served basis. . For more information about the program, contact Program Administrator Mary Bender at 717-787-8821 or send email to: mabender@state.pa.us.

DEP Now Accepting Applications For PA Energy Conservation Works Grants – Aug 14

The Department of Environmental Protection is now accepting applications for \$22.2 million in grants under its PA Conservation Works Program to fund energy efficiency, conservation and renewable energy projects by local governments and nonprofit organizations. Applications will be accepted from June 29 to August 14. ([formal notice](#)). At least 60 percent of the funding is reserved for local governments that are not eligible for direct formula grants under the federal stimulus energy programs. This includes boroughs, townships and cities with fewer than 35,000 residents and counties with fewer than 200,000 residents. Eligible projects may include energy efficient lighting, including streetlight or outdoor lighting; energy efficiency retrofits of existing buildings, including high efficiency furnaces, boilers and air conditioners, combined heat and power, energy efficient ventilation systems, windows, sealing and insulation, and automated control systems; energy efficiency upgrades at wastewater treatment plants; installation of geothermal heat pump systems; premium efficiency motors and variable speed drives; and deployment of renewable energy technologies including solar energy, wind energy, fuel cells, biomass, biogas and low-impact hydro. All projects must save or conserve a minimum of 25 percent of all energy used. Renewable energy projects will be eligible if the project replaces at least 25 percent of the building or entity's energy use. DEP may award financial assistance in the form of grants of up to \$250,000. Multi-municipal projects (two or more units of local government sharing services and working together in the deployment of a project) may request up to \$500,000. All projects must create jobs, be able to start work within 6 months, and be completed within 18 months and prior to September 30, 2011. Guidelines and other information will be posted on the www.Recovery.Pa.gov website. Applications must be submitted by means of the [Environmental eGrants system](#).

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

DEP Offers Nitrogen Tire Inflation System Grants – Aug 28

The Department of Environmental Protection is now accepting applications for Nitrogen Tire Inflation System Grants under the Alternative Fuels Incentive Grant Program. Applications are due August 28. The primary goals of this direct reimbursement Grant Program are to help improve vehicle fuel economy while reducing the consumption of imported oil, and to potentially extend vehicle tire wear over time. Funds awarded under the Grants Program can be used to reimburse a portion of the cost to purchase systems that deliver at least 95 percent nitrogen purity according to manufacturer specifications. Eligible applicants include automotive service providers who sell tires in the Commonwealth. Eligible applicants with 50 percent match of the total system cost may request up to \$5,000 reimbursement for systems purchased and installed after July 1, 2008. DEP said applications and guidelines will be posted on their website. The application package including guidance, instructions and application forms are also available by contacting the Department of Environmental Protection, Office of Energy and Technology Deployment, 15th Floor, Rachel Carson State Office Building, 400 Market Street, P. O. Box 8772, Harrisburg, PA 17105-8772, 717-783-8411.

Fund for Wild Nature – Nov 1

The fund for Wild Nature provides funding for campaigns focused on saving and restoring native plant species and ecosystems. The deadline is November 1, 2009.

<http://www.fundwildnature.org/proposal.html>

EJ Small Grants Program

This grant program provides support to communities that work together on local solutions for environmental or public health issues. It assists communities in creating collaborative partnerships.

<http://www.epa.gov/compliance/environmentaljustice/grants/ej-smgrants.html>

Department of Conservation and Natural Resources Electronic Grants System

The Department of Conservation and Natural Resources provides eGrants, an electronic grants system that contains all available DCNR grants. Applications can be submitted online.

<https://www.grants.dcnr.state.pa.us/index.aspx>

Small Business Low-Interest Rate Loans

The Small Business Pollution Prevention Assistance Account (PPAA) Loan Program provides low-interest rate loans for small business projects that reduce waste, pollution or energy use. The 2% fixed interest loans can fund 75 percent of the project cost to a maximum of \$100,000.

For more information, www.depweb.state.pa.us, keyword: PPAA. "

Keystone Historic Preservation Grant Program

This grant is available to nonprofits and local governments for preserving, restoring, and/or rehabilitating historic resources. It is a competitive matching grant with a maximum award of \$100,000.

<http://www.artsnet.org/phmc/grants.htm#clg>

Conservation Easement Assistance Program

Provided by the Pennsylvania Land Trust Association, this program assists with transaction costs for conservation easements, for a total of \$5,000 per easement transaction. The program assists with completing conservation and trail easements, amending and restating older easements, establishing or updating baseline documentation and installing signs on eased properties.

www.conserveland.org/ceap

Chesapeake Bay Watershed Initiative

Under the Chesapeake Bay Watershed Initiative (CBWI), eligible landowners can use available technical and financial assistance to address soil erosion, sedimentation, and excess nutrients in streams and waterways, as well as other related natural resource concerns such as air quality, wetlands, wildlife habitat, and forestry. Applications for CBWI will be accepted continuously and evaluated on a monthly basis. To apply, farmers must fill out an application form and contact their local NRCS office. Pennsylvania agricultural producers located within the Chesapeake Bay watershed may be eligible to apply. <http://www.pa.nrcs.usda.gov/programs/cbwi/index.html>

American Water Environmental Grant Program

Grants are provided for projects that improve, restore or protect a watershed.

<http://www.amwater.com/Ensuring-Water-Quality/environmental-grants-program.html>

Bridgestone Americas Trust Fund

This Trust provides charities with funding to support education, the environment/conservation, or children's programs.

<http://www.bridgestone-firestone.com/trustfund.asp>



WATERSHED FACILITATION ASSISTANCE

"Bring Back the Natives" Garden Tour - Jul 11

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 (717-840-7408). 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. For gardens featured on the Bring Back the Natives Tour, download our brochure at www.maescapes.org.

Choose Clean Water Campaign - Jul 14

Please join the Lower Susquehanna Riverkeeper, the National Wildlife Federation, and PennFuture at an outreach and strategy meeting of the Chesapeake Bay Watershed Coalition and the [Choose Clean Water Campaign](#). The meeting will be held on Tuesday evening July 14th at the offices of the Lower Susquehanna Riverkeeper, 324 W. Market Street, York from 6pm to approximately 7:30pm. Together, we hope to form a broad-based, collaborative effort of local and regional organizations to restore the Chesapeake Bay and the waters closest to us. As we all know, Pennsylvania's portion of the Chesapeake Bay is significant; cleaning up the Bay starts with cleaning up our local waterways. Modeled on similar successful efforts in the Great Lakes and Everglades, the Chesapeake Bay Watershed Coalition was informally initiated earlier this year. Through a series of exploratory meetings, Chesapeake regional non-profits and funders determined that there would be significant value in a more collaborative and coordinated campaign to advance the common issues most critical to achieving measurable progress on Bay and sub-watershed restoration. Involvement of Pennsylvania conservation organizations in the Chesapeake Bay Coalition will help elevate this issue in our own backyards, with our members, citizens, and decision makers. The purpose of the meeting on July 14th is to brief you on our organizational progress, outline our coalition governance structure, discuss the policy plans of the coalition, and to invite your long-term participation in this collaborative effort. Your organization's involvement in the Chesapeake Bay Coalition is vital to our success. Please join us to learn about our progress so far, and where we will go - together - from here. We hope you can join us for this important meeting.

Please RSVP to Ryan Ewing, Communications and Outreach Coordinator for the Coalition, by email at ewingr@nwf.org or by phone at 443-759-3407. Please also feel free to contact me with any questions at dierolf@pennfuture.org or at 717-214-7926. Looking forward to seeing you on the 14th!

Pennsylvania's Ag Progress Days – Aug 18-20

Ag Progress Days (APD), Pennsylvania's largest outdoor agricultural exposition, will return for its annual three-day run, Aug. 18-20. Sponsored by Penn State's College of Agricultural Sciences, the event is held at the Russell E. Larson Agricultural Research Center at Rock Springs, nine miles southwest of State College on Pa. Route 45. Hours are:

- 9:00 am to 5:00 pm on Tuesday, August 18
- 9:00 am to 8:00 pm on Wednesday, August 19
- 9:00 am to 4:00 pm on Thursday, August 20

FREE Admission and Parking. FREE APD shuttle service from/to downtown State College, PA. More than 400 commercial exhibitors will display the latest goods and services. Interactive educational exhibits, guided tours and workshops will show how agricultural researchers and educators are addressing important issues, safeguarding and improving our food supply and the environment, and helping to enhance the efficiency and profitability of agriculture and related industries. Visit: <http://apd.psu.edu/>.

Water Availability, Variability & Sustainability (WAVS) Workshop Planned – Sep 29-Oct 1

The Association of State Drinking Water Administrators (ASDWA) will host a work shop in Denver, Colorado from September 29 - October 1, 2009 to set the stage for water resource scale coordination of adaptation to climate change impacts. The principal audiences are state and utility drinking water staff and state and local water resource planners and managers. All interested federal, state and local partner organizations are invited to attend but space is limited; please click on "conferences" at <http://www.asdwa.org/> for detailed meeting and logistical information.

2009 CHESAPEAKE WATERSHED FORUM – Oct 9-11

Come and join us for the fourth annual Chesapeake Watershed Forum from October 9 to 11, 2009 at the National Conservation Training Center in Shepherdstown, WV. Come and learn about how your organization can manage programs, finances and fundraise in these economic hard times. A sample of other session topics includes everything from TMDL's to affordable advocacy and communication tools to putting conservation into local municipal building codes. Come and hear Hedrick Smith as the keynote speaker Saturday, October 10. Smith is one of America's most distinguished journalists and is the senior producer of Poisoned Waters that aired on the PBS FRONTLINE program this past spring. Smith will highlight portions of Poisoned Waters in light of the Chesapeake Bay that is in perilous condition and facing new sources of contamination and what local citizens' groups can do to positively effect environmental change. Come and network with representatives from local watershed groups to state and federal environmental agencies from around the Chesapeake Bay watershed. Come and explore the local area filled with historic features and natural beauty. Registration is \$175.00 per person (includes meals and lodging) before September 1, 2009 (\$195.00 after September 1). Registration and additional information about the Forum will be available at the Alliance for the Chesapeake Bay's website at <http://www.acb-online.org/ChesForum2009.cfm>. We look forward in seeing you at the Forum in October!

United We Serve (Jun 22 - Sept 11, 2009)

United We Serve is President Barack Obama's extended call to service, challenging all Americans to help lay a new foundation for growth in this country by engaging in sustained, meaningful community service. United We Serve has an emphasis on community organization and resilience which are goals shared by Citizen Corps Councils and partners across the country. The United We Serve summer initiative is June 22 through September 11, 2009- the National Day of Service and Remembrance. [Serve.gov](http://www.Serve.gov) has several resources to help you spread the word on United We Serve, including: President Barack Obama and First Lady Michelle Obama's call to service videos, an online tool where individuals and groups can register their local preparedness projects, share success stories, and find local volunteer opportunities, and toolkits to help create new service projects. More information on EPA's three service programs visit www.epa.gov



WATERSHED TECHNICAL ASSISTANCE

New Online Water Quality Standards Academy "TMDL" Module The Water Quality Standards Academy Online (WOSA Online) has posted its second Basic Course Supplemental Topics Module, Listing Impaired Waters and Developing TMDLs. The new online module addresses the identification and prioritization of impaired or threatened waters by states and tribes, and the development of pollutant loading analyses with a focus on meeting the state's/tribe's water quality standards. Similar to the Key Concepts modules, the Supplemental Topics Modules present text-based information across a sequence of pages that include links to further information and resources, and then a brief quiz at the end. Because these modules are supplemental, they are not associated with the Certificate of Completion earned by completing the Key Concepts modules. To access the module go to <http://www.epa.gov/waterscience/standards/academy/supp/tmdl/>. For more information on WQSA Online contact Bryan "Ibrahim" Goodwin at 202-566-0762.

State Water Atlas Available

The Pennsylvania State Water Plan is complete, and the [State Water Atlas](#) is available on the DEP website. The Statewide Advisory Committee held its last meeting on June 18; regional committees will meet again in August and September. One of the next steps is for the regional committees to prioritize Critical Water Planning Areas, and find funding to develop Critical Area Resource Plans (CARPs) for the priority watersheds. The US Geological Survey developed a Water Analysis Screening Tool (WAST) to assist DEP in determining priority Critical Water Planning Areas. USGS has published a User's Guide to the WAST and a publication describing the development of the tool.

DEP: <http://www.depweb.state.pa.us/watershedmgmt/cwp/view.asp?a=1426&q=486209&watershedmgmtNav=%7C>

WREN Library: http://wren.palwv.org/library/General_Water.html

New - The Golf Course Water Resources Handbook of Best Management Practices Manual

The Manual includes 18 Best Management Practices (BMPs) that can help improve water quality and manage stormwater and storm events on golf courses (and other large turf campuses) and enable businesses and property owners to be a better steward of the local watershed. The Pennsylvania Environmental Council (PEC) and LandStudies, Inc. developed the Handbook with the support of the PA Department of Environmental Protection Growing Greener grant program. PEC and Land Studies were assisted by John Chassard, Director of Grounds at the Lehigh Country Club and Jeff Broadbelt, President, Agrostis Golf Management. Each of the BMPs includes a detailed description of the practice, its' associated environmental benefit and a local example of most of the recommended practices at a golf course in the region with contact information so that superintendents can learn firsthand how to best install the practice. Access the Handbook: Golf Course Best Management Practices page on PEC website – <http://www.pecpa.org/gchandbook>

Climate Change, Wildlife, and Wildlands Toolkit

The US Environmental Protection Agency has published an important tool for educators who need teaching materials related to Climate Change, Wildlife, and related environmental topics. The new Climate Change, Wildlife and Wildlands Toolkit for Formal and Informal Educators is an updated and expanded version of the award-winning (2001 Public Relations Society of America Bronze Anvil Award for Interactive Communications and 2002 Telly Award) and very popular (over 40,000 kits distributed in all 51 states and territories and over a dozen countries across the world) Climate Change, Wildlife and Wildlands Toolkit for Teachers and Interpreters first published in 2001. Resource: <http://www.enn.com/wildlife/article/40110>

New Report Provides Authoritative Assessment of National, Regional Impacts of Global Climate Change

Climate change is already having visible impacts in the United States, and the choices we make now will determine the severity of its impacts in the future, according to a new and authoritative federal study assessing the current and anticipated domestic impacts of climate change. The report, "Global Climate Change Impacts in the United States," compiles years of scientific research and takes into account new data not available during the preparation of previous large national and global assessments. It was produced by a consortium of experts from 13 U.S. government science agencies and from several major universities and research institutes. With its production and review spanning Republican and Democratic administrations, it offers a valuable, objective scientific consensus on how climate change is affecting—and may further affect—the United States. The report is available for download online: www.globalchange.gov/usimpacts

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Volume 39, Number 27	Saturday, July 4, 2009	Pages 3311-3418

Web: www.pabulletin.com

DRAFT TECHNICAL GUIDANCE DOCUMENTS AVAILABLE

As of Tuesday, July 6, 2009

NUMBER	DOCUMENT TITLE	DRAFT DATE	COMMENT BY	CONTACT	PHONE
563-2112-606 PDF File	Procedures for Establishing the Quantity of Water in Low-Yield Wells	6/27/2009	7/27/2009	Gregory Shuler	(717) 783-1199
362-4180-001 PDF File	Guidance for Civil Penalty Calculations for Effluent Violations	6/20/2009	7/20/2009	Robert Kachonik	(717) 772-4018
362-4180-002 PDF File	Civil Penalty Calculation Procedure for Pollution Incidents	6/20/2009	7/20/2009	Robert Kachonik	(717) 772-4018
362-4180-006 PDF File	Civil Penalty Assessment Informal Hearing Procedure	6/20/2009	7/20/2009	Robert Kachonik	(717) 772-4018

DEP e-Notice – Reg Update

The following proposed regulations were published in the [Pennsylvania Bulletin](#) on 6/20/2009:

- Environmental Laboratory Accreditation Amendments - This proposed regulation is accessible at <http://www.pabulletin.com>. The public comment period closes on 7/20/2009. Comments may be submitted to the Environmental Quality Board at any one of the following addresses: U.S. Mail: EQB, P.O. Box 8477, Harrisburg, PA 17105-8477; Electronically: RegComments@state.pa.us; Street Address: 16th Floor, Rachel Carson State Office Building, 400 Market Street, Harrisburg, PA 17101-2301.

