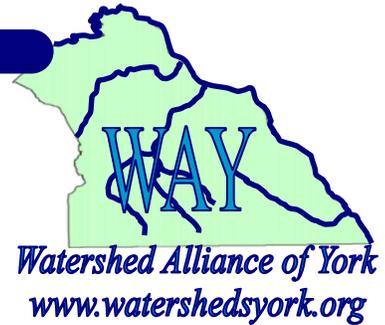


WAY E-NEWS

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



May 25, 2009

A PUBLIC-PRIVATE PARTNERSHIP

Volume 9, Issue 12

INSIDE THIS ISSUE...**WATERSHED ALLIANCE NEWS...2****WATERSHED EDUCATION & OUTREACH...Page 10**

- Sen. Brubaker, Local Leaders Meet With EPA, DEP To Discuss Chesapeake Bay Cleanup
- Governor Rendell Announces \$2.5 Million For Flood Protection, Stream Improvement Projects
- DEP Will Bring No New Financial Resources To Cleanup Chesapeake Bay
- Closures of State Parks will affect millions of hunters, anglers, campers and hikers
- ACTION ALERT - Preserve South Mountain Watershed
- BOTTLED WATER DISASTER – SEE IT!
- Video Highlights Green Methods to Control Stormwater Runoff
- Picturing Smart Growth
- Plant a Tree in PA with a Click of a Mouse!
- PCEE Caught 'Green Handed'

WATERSHED FINANCIAL ASSISTANCE...Page 12

- Securing Green Retrofit Stimulus Funds – Jun 15
- Deadline For Next \$250 Grants To Celebrate 10 Years Of Growing Greener – Jun 20
- DCNR Offers Grants For Protecting Non-Game Species – Jun 30
- Two Conservation Funding Opportunities Available Through NFWF
- SSBN Announces Member Educational Grants
- Lancaster Investment in a Vibrant Economy (LIVE)
- National Wildlife Photo Contest – Enter Now!

WATERSHED FACILITATION ASSISTANCE...Page 13

- June is National Rivers Month!
- Upcoming Webcast: Urban Landscaping with Bare Root Trees – Jun 18
- The River Experience! – Jun 20
- MIDSUMMER FAIRE & EVENING CONCERT at SPOUTWOOD FARM CENTER – Jun 20
- EPA Webcast: Managing Wet Weather with Green Infrastructure – Jun 23
- CWP'S WEBCAST SERIES: Managing Stormwater in the Age of Budget Cuts – Jun 17
- EPA Webcast: Managing Wet Weather with Green Infrastructure – Jul 28
- Chesapeake Conservation Landscaping Council Conference - Save the Date - Dec 4

WATERSHED TECHNICAL ASSISTANCE...Page 14

- How Humans Have Disrupted The Nitrogen Cycle
- Most Polluted Ecosystems Can Recover, Study Finds
- Researchers Compare Mercury Levels in Watersheds
- Report Investigates Influences on Shallow Aquifer Water Quality
- Helping Horse Owners Manage Manure
- Low Impact Development Urban Design Tools
- Web-based Tool Interprets Water Quality Data
- Replicating Natural Runoff Through Retention and Dissipation
- StormUlator
- Watershed Forestry Resource Guide
- Current Wild Trout Streams List for York County
- Aquatic Invasive Species
- PA Bulletin Online
- DRAFT TECHNICAL GUIDANCE DOCUMENTS AVAILABLE
- Proposals Currently Open For Comment
- Availability of Technical Guidance [39 Pa.B. 2747] [Saturday, May 30, 2009]

WATERSHED CONTACTS

COMPREHENSIVE PLANNING –
(717) 771-9870

CONSERVATION – (717) 840-7430

- Agricultural conservation planning
- Environmentally sensitive dirt & gravel road maintenance
- Environmental stewardship and watershed protection
- Erosion & sediment control
- Stormwater complaints

EMERGENCIES – (800) 541-4741

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

ENVIRONMENTAL – (877) 333-1904

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

FISHERIES – (800) 541-2050

- Wildlife (fish, reptiles, amphibians) nuisance problems or to report violations

GAME & WILDLIFE – (888) 742-8001

- Wildlife (mammals or birds) to report violations or nuisance problems

ILLEGAL DUMPING – (877) 772-3673

- Illegal dumping on state forest and park lands

MUNICIPAL (Phonebook Blue Pages)

- Air pollution by burning household garbage
- Dumping waste in surface waters
- Floodplain disturbances
- Municipal and residential septic/sewage problems
- Stormwater management

NOXIOUS PLANTS – (717) 772-5209

RECYCLING – (717) 845-1066

WETLANDS – (717) 249-2522

WATERSHED ALLIANCE NEWS

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

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

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

- Join the growing Chesapeake Watershed Network – www.chesapeakenetwork.org/profile.htm?mode=getagreement
 - June 24-28th – Lower Susquehanna Sojourn from Harrisburg, PA to the Holtwood Dam. 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.chesapeakenetwork.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 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/>

- Carroll Twp. Wal-Mart approval turned down. Read more above...
- <> 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

- Jul 13 – CCWA Member and Board meeting, 7:00 pm, at York Water Company's Mt. Rose Ave. Facility
 - HELP-Buffers Program accepting applications for 2009 projects
- <> Contact: Jim Leaman at 843-2929

Condoquinet Creek Watershed Association – www.conocreek.org

- Jun 20 – Stream Clean-up
- <> 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

- June 7 – Yellow Breeches
 - June 13-14 – Intermediate Kayak Course
 - June 20-21 – Lower Yough First Timers Trip
 - June 27 – Yellow Breeches
 - June 27-28 – Rescue Course
 - 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.
- <> 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

June 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. Join us for a guided hike, but on the water in a canoe! This program is designed to acquaint participants with the natural surroundings of Deer Creek.
- Critter Chow-down – Wednesdays at 3:00pm; all ages. No fee. Join us in the nature center as we feed our critters. Take a turn feeding one of the turtles or fish! Watch as the snakes eat their lunch too!
- Tiny Wonders- "Let's Get Quackin'" – Wednesday, June 3rd from 10:00am-11:30am; ages 2-5. Fee: \$8/member with \$6/member sibling OR \$10/non-member. A former teacher works to cultivate a child's natural curiosity through stories, music, crafts, movement, and dramatic play.
- Nature Storytime – Thursday, June 11th and June 25th at 11:00am; all ages. Donation only to cover the cost of the craft. Join us for a children's story and crafts related to a theme about nature. Families are welcome to bring a picnic lunch to enjoy after the program.
- Wetland Wonders – Saturday, June 13th from 10:00am-11:00am; all ages. Fee: \$3/person or \$10/household of 4 or less. We will get boots and nets and explore the wetland! What do you think we may find? This program is geared for all ages and we have toddler size boots up to adult sizes!
- Be BAY-WISE - You can make a difference – Saturday, June 13th from 1:00pm-2:30pm; Adults and older children w/adult. No fee. Homeowners will learn how they can contribute to a cleaner environment and healthier waterways by using sound environmental practices: These include: Fertilizing wisely, Watering efficiently and mowing properly, Controlling stormwater runoff, Mulching appropriately, Recycling yard waste, Managing yard pests with "Integrated Pest Management", Planting wisely, Encouraging wildlife, and Protecting waterfronts.
- Babes in the Woods- "Insect Party" – Tuesday, June 16, 2009 from 10:00am-1:00pm; ages 4-5. Fee: \$25/member OR \$28/non-member Calling all insects! Join us as we learn about insects that live in the area, make a craft, and go on an insect hunt.
- Bee Hive Maintenance – Tuesday, June 16th at 4:30pm; all ages. No fee and no registration- meet at bee hives along paved pathway. 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.
- Family Campfire – Wednesday, June 17th from 6:30pm-8:00pm; all ages. Donation only to cover cost of the smores supplies. Join us as we hear a presentation from our guest speaker, Magician Wayne Alan (makesmokingdisappear.com) and then enjoy making smores around our campfire.
- Early Morning Guided Canoe Trip – Saturday, June 20th from 8:00-10:30am; ages 6-senior. Fee: \$8/person or \$20/household of 4 or less. Bring the family to Eden Mill Nature Center and enjoy a morning canoe trip on Deer Creek! This program is like a guided hike, but on the water!
- Nature Nights – Saturday, June 20th from 6:00pm-11:00pm; ages 4 -11. Fee: \$25/member or \$30/non-member. Join us on a Saturday evening to make a craft, take a night hike along the trails in the park, and watch a movie while your parents are out and about!
- Field Games – Sunday, June 21st from 3:00-5:00pm; all ages. Fee: \$4/person or \$15/household of 4 or less. Bring the family and enjoy the season while playing field games in the lower park!
- Walk on the Wild Side Camp – Monday June 22nd- Friday June 26th from 9:30am-3:00pm; ages 6-8. Fee: \$145/member OR \$ 155/non-member. Come explore the park to discover various habitats, plants, and animals. We never know what we may find! We will end each day with swimming in the creek and end our week with a canoe ride on Deer Creek!
- Trail Maintenance – Saturday, June 27th from 8:00am-12:00pm; all ages. Join the Eden Mill volunteers as they maintain the hiking trails and other areas around the park. Please call ahead so we know who to expect!

<> 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/

- Jun 26-28 – Codorus "Summer Blast" at main boat launch area
 - 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!
 - Saturday, June 20 - Rain Barrel Workshop, 10-12 pm at Cromwell Valley Park. Rain barrels help you to save water, money, and the health of our streams by reducing rain water runoff that can carry pollutants like fertilizers, oil, gas, and sediments to our streams and eventually the bay. Use stored water for watering gardens and lawns or to clean tools and cars. Learn how to build and install your own barrel today! It's easy, fun, and inexpensive. Cost for your barrel and kit is \$60. GVC Members pay \$50.
- <> 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

- 6/10 – [Wednesday Hike for the Work Weary](#) 6:00pm-8:00pm
 - 6/13 – [Volunteer Work Day](#) 9:00am-12:00pm
 - 6/13/ – [Family Camping for Beginners](#) 1:00pm-11:00am
 - 6/16&25 – [DiscoverE Summer Camps](#) 1:00pm-3:00pm
 - 6/17&18 – [PA Amphibians and Reptiles Educator Workshop](#) 8:00am-4:00pm
 - 6/17 – [Wednesday Hike for the Work Weary](#) 6:00pm-8:00pm
 - 6/20&21 – [Backpack South Mountain](#) 8:30am-5:00pm
 - 6/21– [Kayak Long Pine Run Reservoir](#) 3:00pm-5:00pm
- <> For more information and how to register, contact Kings Gap at (717) 486-3799.

Lancaster-York Heritage Region – www.lyhr.org

- June 20 – First Annual River Experience Saturday, 6-9 p.m. On the riverfront grounds of Shank's Mare Outfitters 2092 Long Level Road, Wrightsville. Please join us for an evening of tastings from local restaurants, wineries & breweries, guest appearances from the region's past, and a silent auction. Tickets are \$50 per person and can be purchased online at 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

- 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: lawsusriver@hotmail.com.

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

- <> 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

- 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.
 - 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/](http://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](http://www.pplpreserves.com)

- June 12 - Basics of Kayaking at 5:30p.m.-7:00p.m at Lake Took-A-While, Susquehanna Riverlands. Dave Buck, owner of Endless Mountain Outfitters, will bring his expertise in paddling sports to Lake Took-A-While as he hosts a program on the increasingly popular sport of kayaking. Buck will cover the basic types of kayaks, equipment and accessories, as well as techniques for paddling and controlling the craft. Different kayak models will be on display, and a lucky few participants may get a chance to paddle out on the lake themselves. The program will be set up at the flagpole just off the lake's south parking lot. In the event of rain, it will be held indoors at the Susquehanna Energy Information Center.
 - Jun 13 - BLUEBIRD TRAIL MONITORING at 9:00a.m. at the Holtwood Environmental Center. We continue with our bluebird trail program. Join PPL naturalists as they monitor the bluebird trails in the Holtwood Environmental Preserve. Learn how you can put up your own bluebird box and monitor the beautiful birds at your home. We will show a video on how to get started. Please meet at the Holtwood Environmental Center, 9 New Village Road, Holtwood, Pa. 17532. GPS coordinates are N39 50.333 W76 19.080. For directions, visit www.pplpreserves.com. For more information, contact Karen Ament at 717-284-6274 or kament@pplweb.com.
 - Jun 13 - BUGS: Entomological Presentation MOTHER NATURE'S MIRACLE at 2:00p.m. The Bug Man is coming. Ryan Bridge brings 30 years of insect study and will be sharing his extensive collection with us. Come enjoy this exciting and informative workshop and learn the basics about entomology. Find out how and why insects play such an important role in the world. He will explain the life cycle, characteristics and insect defenses. Many of the largest species in the world will be on display for study and discussion. Bridge will bring live insects and arthropods and allow the audience a chance to touch or even hold them. The entrance to the wetlands is directly across from Gate A on Wago Road. Follow the stone road back until you see the sign for the Wood Duck Pavilion. The GPS coordinates at the pavilion are N40 05.755 W76 42.287. For additional information, contact Karen Ament at 717-284-6274 or kament@pplweb.com.
 - June 24 - LOWER SUSQUEHANNA RIVER SOJOURN from Wednesday, June 24, from Harrisburg to Sunday, June 28, at Holtwood Dam. Location: Holtwood Environmental Preserve. The Alliance for the Chesapeake Bay will celebrate the state's designation of the Lower Susquehanna River as "River of the Year" by holding its 19th annual paddle down the nation's richest estuary. The sojourn will begin June 24 with a celebration in Harrisburg. The alliance describes this annual trip as a floating classroom, a hands-on experience and a way to see the river from the water's point of view. The goal is to encourage participants and local residents to play an active role in the stewardship of the Susquehanna River and the Chesapeake Bay, according to the alliance. The trip includes a five-day, four-night tour of the Lower Susquehanna Region. The sojourn will visit river towns like Wrightsville, Columbia and Marietta and end at PPL's Holtwood Environmental Preserve. Drift past eagle nests and learn about American Indian culture with a visit to the ancient Safe Harbor Petroglyphs. You can also tour the Indian Steps Museum and hike Lancaster County Conservancy's Tucquan Glen. The final stop will be the Holtwood Dam with a tour of the Holtwood hydroelectric plant and fish lift. Whether you are a solo paddler seeking to meet new river friends or a family, enjoy a front-row view of this beloved river. To learn more, visit www.alliancechesbay.org. You can participate and enjoy one day or the entire event. For more information, call the Sojourn Hotline at 717-737-8432, Ext. 12. Registration will begin in late April. For more information about the final day's activities, contact Karen Ament at PPL 717-284-6274 or kament@pplweb.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.
- <> 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/](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](http://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@ihmi.edu

[Red Lion Area High School - http://rlashnature.wikispaces.com/](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@rlas.k12.pa.us

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

- June 13 - 8:30 am - Adopt-a-Highway Road Clean-up - Harrisburg Airport Connector PAparks.com
- June 14 - Join us for a 6-mile bike ride on the Stony Creek Valley Trail. PAparks.com
- June 24 - 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

- 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. 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.

<> Contact: Rob Wood, 717-235-6610, Spoutwood@supernet.com

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

- Jun 11 – Evening Forest Walk 8 to 9:30 p.m. Second in our series of spring forest walks. We'll go to another scenic spot in the forest to search for crepuscular critters. Register by June 10. 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. Register by e-mail info@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.

<> 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

- Lower Susquehanna Sojourn June 24 – 28 – This five day, four night, 60 mile sojourn will tour of the Lower Susquehanna Region. We will start in Harrisburg, stopping in some very special River Towns like Wrightsville, Columbia and Marietta, and learn about Native American culture, migratory fish and birds and how the people of this region are caring for the Susquehanna River. This annual trip, is a hands-on experience organized by the Alliance for the Chesapeake Bay. For general questions and information, email katiesoj@earthlink.net or call the Sojourn Hotline at 717-737-8432 ext: 12 Registration will begin late April. Watch the Alliance for the Chesapeake Bay website: www.acb-online.org for updates.
- 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/>

- Ice Cream Social! Carmen & David's Creamery. June 17th at 7 p.m. Topic: How to maneuver the system in getting your business up and running. \$5 suggested donation to the ssbn to sustain our monthly public events. ssbn members in good standing will get a coupon at the door to test out 3 scoops of their favorite ice creams free.
- 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 June 10, 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/>

- 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 Buchar-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

United Way of York County

- Sep 11 - Save the Date 2009 Day of Action. A countywide project for volunteers to help those in need. More information to follow this summer.
- <> 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: 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

- YELLOW BREECHES CREEK WATER TRAIL GUIDE AVAILABLE (CARLISLE, PA) - Cumberland County, the Yellow Breeches Watershed Association and the Pennsylvania Fish & Boat Commission are pleased to announce publication of the Yellow Breeches Creek Water Trail Map and Guide. 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.
- <> Contact: John Eby, President, at john_eby@lower-allen.pa.us

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

<> 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

- Meeting held on draft county comp plan - The [York County Economic Development Corp.](http://www.yorkcountyeconomic.com) and the [York County Planning Commission](http://www.yorkcountypc.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://www.yorkcountyc.com) 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 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

- New Project is Off and "RUN"ningRUN, a two-year pilot project administered by the [YMCA of York and York County](http://www.yorkcountyparks.org), will be the catalyst for bringing neighborhood dreams to reality, according to Jessica Martin Fieldhouse, Community Resource Coordinator for RUN. This far-reaching, innovative project will provide neighborhood groups with resources, technical support, and funding for special projects. The goal of RUN is to build residents' confidence in their ability to effect positive change in their neighborhood and the greater community. RUN is funded by a \$125,000 grant from the [Women's Giving Circle](http://www.yorkcountyparks.org) of York County Community Foundation and a \$50,000 grant from York County Community Foundation's [Fund for York County](http://www.yorkcountyparks.org). The project has attracted the attention of the local media, including the [York Daily Record](http://www.yorkcountyparks.org) and [WITF 89.5 FM](http://www.yorkcountyparks.org).
- If your municipality or organization would like to partner on a project, sponsor a project, or need free technical assistance leveraging resources to implement a project the York County Community Foundation's Codorus Endowment can help. Contact: Jake Romig, Coordinator, 848-4717 or e-mail jakeromig@ecostructionllc.net
- <> Contact Jane Sload at 717.848.3733 or jsload@yccf.org.

York County Conservation Alliance - www.yorkcountyconservationalliance.org

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

York County Conservation District - www.yorkccd.org

- June 11 – 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 - www.yorkcountyparks.org/parkpages/Nixon.htm

- June 9: Young at Heart Hike, Hanover Junction Parking Area, 9–11 a.m. Take a leisurely hike with seniors to study nature and learn some local historic facts. This is a great opportunity to make new friends and get exercise. NF, NPR.
- June 9: Sunset Scramble Bike Ride, Rail Trail, Glatfelter Station Parking Area, 6:30–9 p.m. Take a 12- to 15-mile moderately paced ride for exercise and make friends with fellow riders. See historic structures such as Howard Tunnel, Hanover Junction Train Station and New Freedom Train Station. Each rider must have a helmet, a light and water. Bring money for a snack along the way. NF, NPR.
- June 10: Fox Story Time: "Amphibians", Nixon Park, 9–11 a.m. Join park volunteer Amy Slagel for a closer look at amphibians. Participants will enjoy a story and a stroll around the park to look for these marvels of nature. This program is for children ages 4–7 to spend with their favorite adult. \$5, pre-register at 428-1961.
- June 10: Family Rambles, Rocky Ridge Park, Oak Timbers Parking Area, 6:30–7:30 p.m. Led by Parks Board member Anne Walko and her 7-year-old daughter, families are invited for five weeks of fun filled wanders every second and fourth Wednesday. This program's aim is to leave no child inside as recent research finds that children who get outdoors are happier, healthier and smarter. For children who can walk one hour; adults must be accompanied by a child. NF, NPR.
- June 10: Porch Talks at the Stations, Hanover Junction Train Station, 7 p.m. This mini series will take place on the second and fourth Wednesdays of June and July. The June programs will be held at Hanover Junction Train Station and the July programs will take place at New Freedom Train Station. This date, Brett Nease of PARA will present his findings of the spirit detection project at Hanover Junction. Using both audio and visual equipment, some evidence of the Civil War and other past visitors were detected. NF, NPR.
- June 10–11: Senior Excursions, Rail Trail, Hanover Junction Parking Area, 10 a.m., 12 noon, 2 p.m., 7 p.m. Take a ride on an open-aired "People-Mover" and see this popular recreational corridor. Take a tour of the Hanover Junction Train Station, hear about the history of the Northern Central Railroad and say hi to trail users. The ride will be narrated by Parks Program Coordinator Jeri Jones. \$5, pre-register at 840-7440.
- June 13: Nature Camp for Adults, Nixon Park & Kain Park, 8:30 a.m.–1:30 p.m. One-day camp created for adults who long for their share of time in nature. Join staff for a wide range of hikes and activities focusing on wildlife. This camp will include a bird walk, a landscaping

for wildlife program with demonstrations, and an exploration of Lake Redman by canoe. Snacks will be included. Participants must pack their own lunch. Ages 21 and above. Pre-register at 428-1961, \$8 per person.

- June 13: Nine in '09 Hike: Highpoint, Highpoint Scenic Vista, 9–11 a.m. With clear skies let your eyes roam over the views from this ridgetop park. NF, pre-register at 428-1961.
- June 13: Public Star Watch, Rudy Park, 8–10 p.m. Badges—Brownies: Space Explorer (Partial) Juniors: Sky Search (Partial), “Doing” Hobbies (Partial); Cadettes & Seniors: Space Exploration (Partial). View the heavens through telescopes and binoculars. Come to the observatory and see planets, the moon, galaxies and nebulae and learn about each object. Also learn how to use your new telescope or get hints on what to purchase. Please bring a blanket or chair to sit upon if you desire. Event held if skies are partly cloudy to clear. 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. NF, NPR.
- June 14: Wallace-Cross Mill Open House, Wallace-Cross Mill, 1:30–4:30 p.m. Local artists will be creating sketches and paintings of the mill. Explore the past. Tour guides will lead you through the inner workings of a restored water-powered gristmill and explain its history and the role mills played in our communities. All three floors contain displays about milling. Throughout the summer, public open houses will be held every Sunday. NF, NPR (donations appreciated).
- June 14: Nesting Birds, Nixon Park, 2:30–4 p.m. A park naturalist will lead this indoor and outdoor program to see what birds are setting up house for the summer at Nixon Park. For ages 10 and up, bring binoculars and field guide. NF, NPR.
- June 14: Deadline for York County Parks Photography Contest, Nixon Park or Parks Administrative Headquarters at Rudy Park, 4:30 p.m. Today is your last chance to enter the contest. Photos may be black and white or color pints, and must have been taken in a York County Park during 2008 or 2009. For complete rules, please call 428-1961 or 840-7440 [Download Rules](#).
- June 16: Young at Heart Hike, Rudy Park, 9–11 a.m. Take a leisurely hike with seniors to study nature and learn some local historic facts. This is a great opportunity to make new friends and get exercise. NF, NPR.
- June 16: Sunset Scramble Bike Ride, Rail Trail, Seven Valleys Parking Area, 6:30–9 p.m. Take a 12- to 15-mile moderately paced ride for exercise and make friends with fellow riders. See historic structures such as Howard Tunnel, Hanover Junction Train Station and New Freedom Train Station. Each rider must have a helmet, a light and water. Bring money for a snack along the way. NF, NPR.
- June 16: Highpoint History: Forming the Susquehanna, Highpoint Scenic Vista, 7–8 p.m. Part of a four-session series emphasizing local history. Enjoy a hands-on presentation by York College Geology professor Bill Kreiger as he discusses how the dramatic landscape you see came to be. NF, NPR.
- June 17: Kayak Lessons, Kain Park, Lake Redman Activity Area, 5:45 p.m.–dusk. Join Uller’s Kayak and Canoe Shop on the water to learn the basics of kayaking. You may bring your own kayak or rent one from the boat rental. Call Uller’s at 747-0095 to pre-register.
- June 18: Made in America Days: Nature’s Builders, Nixon Park, 10 a.m. & 1 p.m. Take a stroll around the park examining how animals construct their homes for the family. Even wildlife have creative construction methods on to protect themselves from other animals. NF, NPR.
- June 19–20: Made in America Days: Wallace-Cross Mill, Wallace-Cross Mill, 11 a.m.–3 p.m. Tour this operating gristmill and see displays on all three floors. This mill began operation in 1826 and is one of only a few surviving in the area. NF, NPR.
- June 19–21: Balloon Festival, Rudy Park, Friday: 5–9:30 p.m.; Saturday & Sunday: 3–9:30 p.m. Come see 24 magnificent balloons and learn how they work, purchase crafts, eat, take a helicopter ride and support this York County Parks fundraiser. \$10 per car.
- June 20: Hot Air Balloon Festival Astronomical Observing, Rudy Park, 3 p.m.–dusk. Badges: Junior: “Doing” Hobbies 6,9,10; Sky Search 6, 2, 3, 4, 7; Environmental Health 1; Cadettes & Seniors: Space Exploration T1 Join the York County Astronomical Society for an afternoon of Solar Observing and other activities at the Hot Air Balloon Festival. Come up the hill to the observatory and talk with our members about our activities, get a free poster and look at the sun through our Solar Telescopes. NF, NPR.
- June 21–28: York County Senior Games, For information, call Melissa at (717) 852-4964 or 1-800-632-9073.
- June 21: Solstice Celebration, Highpoint Scenic Vista, 5 a.m. Members of various American Indian tribes will greet summer atop this riverside park. Come experience a sunrise ceremony. It is a 15-minute walk to top of hill. Program starts at approximately 5:30 a.m., weather permitting. NF, pre-register at 428-1961.
- June 21: Wallace-Cross Mill Open House, Wallace-Cross Mill, 1:30–4:30 p.m. Local artists will be creating sketches and paintings of the mill. Explore the past. Tour guides will lead you through the inner workings of a restored water-powered gristmill and explain its history and the role mills played in our communities. All three floors contain displays about milling. Throughout the summer, public open houses will be held every Sunday. NF, NPR (donations appreciated).
- June 21: Father’s Day Nature Ramble, Nixon Park, 2:30–4 p.m. The whole family can enjoy an exploration of the summer woods with father and biology teacher Jeff Kuhns. NF, NPR.
- June 23: Young at Heart Hike, Rail Trail, Railroad Parking Area, 9–11 a.m. Take a leisurely hike with seniors to study nature and learn some local historic facts. This is a great opportunity to make new friends and get exercise. NF, NPR.
- June 23–26: Nature Discovery Program III, Nixon, Kain and Rudy Parks. For ages 9–12. This diversified week will present a different theme each day. Activities will include hiking at Rocky Ridge Park, nature study at Nixon Park and an overnight sleepover at Rudy Park. \$95, please call 840-7440 to pre-register.
- June 23: Sunset Scramble Bike Ride, Rail Trail, Hanover Junction Parking Area, 6:30–9 p.m. Take a 12- to 15-mile moderately paced ride for exercise and make friends with fellow riders. See historic structures such as Howard Tunnel, Hanover Junction Train Station and New Freedom Train Station. Each rider must have a helmet, a light and water. Bring money for a snack along the way. NF, NPR.
- June 23: York County Parks Advisory Board Meeting, Pleasant Acres Annex, 7 p.m.
- June 24: Family Rambles, Rocky Ridge Park, Oak Timbers Parking Area, 6:30–7:30 p.m. Led by Parks Board member Anne Walko and her 7-year-old daughter, families are invited for five weeks of fun filled wanders every second and fourth Wednesday. This program’s aim is to leave no child inside as recent research finds that children who get outdoors are happier, healthier and smarter. For children who can walk one hour; adults must be accompanied by a child. NF, NPR.
- June 24: Porch Talks at the Station, Hanover Junction Train Station, 7 p.m. Myra Reichert, a Civil War reanctor, will present “Remembering Mr. Lincoln—A Gettysburg Resident’s Actual Experience.” NF, NPR.
- June 26: Family Fishing Program, Kain Park, Spartan Road Parking Lot, 5–8 p.m. Learn to fish with the PA Fish and Boat Commission. No license required. All equipment will be provided. NF, NPR.

- June 26–27: Family Campout Night, Nixon Park, 7 p.m.–9:30 a.m. Badges—Brownies: Outdoor Adventures 2; Space Explorer 1; Juniors: Outdoor Fun 7; Camp Together 8, 9 Bring the whole family and your sleeping bags and snooze under the stars at the Nature Center. Enjoy campfire stories, night hikes, and telescopes for stargazing and more. A snack and light breakfast are included. Pack a picnic if your family would like to eat Friday evening dinner at the center. Participants will receive a detailed letter prior to the event. In the event of rain, activities and overnight will take place inside the Center. Pre-register at 428-1961, \$12/camper.
 - June 27: Nine in '09 Hike: Rocky Ridge Park, Rocky Ridge Park, Oak Timbers Parking Area, 9–11 a.m. With clear skies let your eyes roam over the views from this ridgetop park. Look south at the valley traveled by American Indians and north to the Blue Ridge Mountains. NF, pre-register at 428-1961.
 - June 27: Music Concert by the Victorian Parlour Ensemble, Hanover Junction Train Station, 12 noon–1:30 p.m. Join in on the fun of this Maryland ensemble as they gather on the back porch to entertain you with a dulcimer, banjo, flute and fiddle. NF, NPR.
 - June 28: Baseball 1864 Style, Rudy Park, 1 p.m. Members of the York County Heritage Trust will introduce you to playing baseball 1864 style and invite you to join in playing. No skills necessary to play ball when gloves weren't used, balls could be caught on the bounce and pitcher could really wind up. NF, NPR.
 - June 28: Wallace-Cross Mill Open House, Wallace-Cross Mill, 1:30–4:30 p.m. Local artists will be creating sketches and paintings of the mill. Explore the past. Tour guides will lead you through the inner workings of a restored water-powered gristmill and explain its history and the role mills played in our communities. All three floors contain displays about milling. Throughout the summer, public open houses will be held every Sunday. NF, NPR (donations appreciated).
 - June 28: Bats Demystified, Nixon Park, 7–8:30 p.m. If you think bats suck your blood, get tangled in your hair, and are filthy, flying rats, you're wrong! Come and join volunteer Linette Mansberger to learn more about bats as she dispels many myths about our flying, nocturnal friends. NF, NPR.
 - June 29: Annual Volunteer Picnic, Kain Park, Lake Redman Activity Area. An invitation-only gathering as the York County Parks says "Thank You" to its many precious volunteers.
 - June 30: Young at Heart Hike, Rocky Ridge Park, Oak Timbers Parking Area, 9–11 a.m. Take a leisurely hike with seniors to study nature and learn some local historic facts. This is a great opportunity to make new friends and get exercise. NF, NPR.
 - June 30: Sunset Scramble Bike Ride, Rail Trail, Glen Rock Parking Area, 6:30–9 p.m. Take a 12- to 15-mile moderately paced ride for exercise and make friends with fellow riders. See historic structures such as Howard Tunnel, Hanover Junction Train Station and New Freedom Train Station. Each rider must have a helmet, a light and water. Bring money for a snack along the way. NF, NPR.
 - June 30: Highpoint History: Native Peoples, Highpoint Scenic Vista, 7 p.m. Badges—Brownies: Listening to the Past 1; Juniors: Local Lore 7 Archaeologist Jan Kliendenst presents the life and times of the various tribes who called this landscape home. NF, NPR.
- <> 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

Sen. Brubaker, Local Leaders Meet With EPA, DEP To Discuss Chesapeake Bay Cleanup

Sen. Mike Brubaker (R-Lancaster) and members of the Chesapeake Bay Tributary Strategy Task Force met with state and federal environmental officials this week to discuss cleanup goals for the Chesapeake Bay. The EPA recently announced that more frequent evaluation periods would be established for pollution reduction, changing from 10-year assessments to two-year assessments. The Chesapeake Bay Commission will seek to reduce nitrogen pollution by 7.3 million pounds and phosphorus pollution by 300,000 pounds by the end of the first assessment period in 2011. The DEP and EPA will hold a series of public meetings throughout the Chesapeake Bay watershed area this fall to draft Total Maximum Daily Load (TMDL) limits on pollution. The EPA and DEP will begin working on a new implementation plan to help meet these goals, and the agencies expect to have a draft of the TMDL requirements this spring. As a result of the meeting, the EPA also agreed to develop a new cleanup model that recognizes the impact of legacy sediment, the thick layers of sediment that resulted from past land use and dams. Sen. Brubaker met with U.S. Environmental Protection Agency Water Protection Division Associate Director Bob Koroncai, Department of Environmental Protection Chesapeake Bay Program Coordinator Patricia Buckley, DEP Water Planning Office Acting Director Andy Zemba and DEP Program Analyst Ann Smith to discuss Lancaster County's role in reducing the amount of nitrogen, phosphorus and sediment that pollutes the Chesapeake Bay.

Governor Rendell Announces \$2.5 Million For Flood Protection, Stream Improvement Projects

HARRISBURG (May 26) – Governor Edward G. Rendell today announced that eight contracts and 22 grants have been awarded for 47 flood protection and stream improvement projects in 21 counties. An additional four projects in two counties are currently in the grant execution process and will be awarded soon. Total value for the 51 projects is more than \$2.5 million. DEP oversees Pennsylvania's flood protection program and investigates flooding problems to determine the feasibility of various solutions ranging from upstream stormwater control to construction of significant flood control structures. Flood control projects can include stormwater detention facilities, concrete channels and floodwalls, earthen levees, stream channel improvements or a combination of these projects. The department conducts yearly inspections, provides technical assistance to local municipal sponsors, and assists local municipalities with design work and cost sharing on federally built projects. For more information on Pennsylvania's Flood Protection Program, visit www.depweb.state.pa.us, keyword: Flood Protection.

- York County Hanover Borough -- Grant for construction project to eliminate erosion threats to homes.

DEP Will Bring No New Financial Resources To Cleanup Chesapeake Bay

Unlike the states of Maryland and Virginia, Pennsylvania has not made a commitment to bring new financial resources to cleanup watersheds feeding into the Chesapeake Bay in the wake of President Obama's Executive Order this week renewing the federal commitment to water quality improvement in the Bay. In an announcement last week, Department of Environmental Protection Secretary John Hanger cataloged the efforts made by the Commonwealth to date. In concert with the President's announcement, the Executive Council announced a series of two-year milestones for reductions in nitrogen and phosphorus pollution that cause murky water and algae blooms that block sunlight from reaching bay grasses and dramatically reduce oxygen levels for aquatic life. Pennsylvania is responsible for 50 percent of the fresh water

entering the Chesapeake Bay through the Susquehanna and Potomac rivers. In Pennsylvania, the cost of complying with the nutrient and sediment reduction requirements for Chesapeake Bay cleanup is over \$2 billion– \$1.4 billion for wastewater treatment plants, according to a [Legislative Budget and Finance Committee report](#) and over \$650 million for agriculture, according to the Department of Environmental Protection.

Closures of State Parks will affect millions of hunters, anglers, campers and hikers

The closings will have a devastating effect on our access to areas for hunting, fishing, camping and hiking. Trails routed through State Parks offer safe parking, tested drinking water, restrooms and access to trailheads. Families who can't afford vacations at the shore will have their State Park campground reservations cancelled. Where that leave us? In our backyards with lawnchairs around the wading pool? Those who hike from Maryland to New York State on the Mid-State Trail (<http://hike-mst.org/>) will find most of the nine State Parks linked by that trail will not be open for safe parking. The Senate budget cuts are particularly onerous because they will reduce tourism in our Commonwealth, hurting the rural businesses adjacent to those State Parks and Forests. Closing 35 state parks would turn away more than 3 million visitors. That would wipe out at least \$57 million in visitor spending in nearby communities. In addition, it is expected that DCNR will be forced to cut the staff of DCNR Rangers who promote safety and enforce the law. At last report, there were only 43 DCNR Rangers (37 full-time and six part-time), compared to the 50 employed in 2005. The \$19 million cut planned by the Senate Appropriations Committee would affect many other DCNR programs, but the Tourism and Enforcement issues are most critical, affecting our economy and our stewardship of our public lands. What to do? Write to your State Senator today. Tell him or her why cutting \$19 million from DCNR is a very bad idea. Use the talking points below and add your own experiences. If you fail to speak up, we all suffer the consequences. Contact information for your Senator is at: http://www.legis.state.pa.us/cfdocs/legis/home/member_information/senators_alpha.cfm. When you write, please cc Senate Appropriations Chairman Jake Corman at jcorman@pasen.gov.

ACTION ALERT - Preserve South Mountain Watershed

Thanks to your many letters, Senator Specter has submitted our funding request for the 1,000 acre "White Rocks Tracts" to the Senate Appropriations Committee in Washington D.C. The Central Pennsylvania Conservancy has now asked for our help in having the South Mountain area designated as part of DCNR's Forest Legacy Program. This is a must-have in order to be granted the State funding. I ask you to look over the information below and include just two of the "talking points" below in an e-mail to billingha@state.pa.us. Please copy the ForestCoalition@aol.com.

- South Mountain is the source of water for six public water supplies.
- Two of these use surface water reservoirs from streams originating on the South Mountain, while four others depend on ground water.
- South Mountain is largest forested watershed in Cumberland and Franklin Counties and is critical for municipal, commercial and residential water supplies.
- The headwater streams of South Mountain provide good habitat for brook trout. Let's keep it that way.
- South Mountain is the northernmost extension of the Blue Ridge Mountains (most commonly associated with Virginia). It is an ancient and unique landscape which should be preserved as one of our Forest Legacy Areas.
- Franklin County realized a 9.6% change in population from 2000 to 2007, while Cumberland County's population rose by 6.7% during that same time period. Not only was this far greater than Pennsylvania's average growth, but future projections for both counties indicate tremendous population growth in the future.
- Sprawling development patterns devour the land we depend on for critical water supplies and timber resources
- Game animals on South Mt. include turkey, deer, bear, squirrels and grouse.
- Among non-game animals, South Mountain includes nearly ten percent of the Earth's population of Wood Thrush and Worm-eating Warblers and an even larger percentage of the world's Scarlet Tanagers. South Mountain is designated an Important Bird Area by Audubon.
- Both Cumberland and Franklin County areas of South Mountain boast wetlands and vernal pools, habitats which should be preserved since those wetlands provide valuable habitat for breeding and migrating birds, mammals, reptiles, amphibians and insects.
- 40% of the total land area in Franklin County and 30% of Cumberland County is forested. This land should be retained in the present form to sustain the high-quality water in this watershed.
- The area is an important source of forest products. There are almost 195,000 acres of privately-owned woodlands in the South Mt. area.
- A good example of an Appalachian Oak Forest occurs throughout most of South Mountain's Michaux State Forest.
- The market values for forested acreage the Forest Legacy Area are \$172 million in Cumberland County and \$273 million in Franklin County.
- The Department of Conservation and Natural Resources has designated South Mountain as a Conservation Landscape Initiative Area.
- Only about half of Franklin County's municipalities have zoning regulations. These regulations are ineffective at preserving forest and farmland. The situation is a little better in Cumberland County, where 88 percent of municipalities have some kind of zoning ordinances in place.

Please help us secure the State funding for this important conservation project and send your letter of support to: Rachel R. Billingham, CF Community Forestry Coordinator, PA DCNR Bureau of Forestry, PO Box 8552, Harrisburg, PA 17105-8552. Phone: 717-783-0385. FAX: 717-783-5109. E-mail: billingha@state.pa.us.

BOTTLED WATER DISASTER – SEE IT!

This presentation was authored by [PM Architecture PC, Architects and Interior Designers, New York City](#). Used by permission.

Resource: <http://www.seychelle.com/waterdisaster/index.html>

Video Highlights Green Methods to Control Stormwater Runoff

EPA and the U.S. Botanic Garden have produced an online video, "Reduce Runoff: Slow It Down, Spread It Out, Soak It In," highlighting the use of rain gardens, green roofs, rain barrels and cisterns to manage stormwater runoff. Green stormwater management practices not only reduce the volume of runoff at its source by capturing harmful pollutants but also improve air quality by planting trees to absorb erosion, reduce the urban heat islands effect and a community's carbon footprint. The video highlights the green techniques displayed at the U.S. Botanic

Garden's 2008 Exhibit and at EPA headquarters in Washington, D.C. To watch the video, go to www.epa.gov/nps/lid. For more information on stormwater management, go to www.epa.gov/greeninfrastructure.

Picturing Smart Growth

The Natural Resources Defense Council (NRDC) and Urban Advantage partnered to develop an eye-opening Web site about smart growth potential. Using photo-editing software, Urban Advantage transformed pictures of communities from all over the country to show how they could become more aesthetically pleasing, walkable neighborhoods. Visitors to the NRDC Web site are presented with photo slideshows that progressively show possible changes, such as adding sidewalks, streets trees, bike lanes and mixed use buildings to an existing site. The Web site offers five featured scenarios, which provide detailed explanations and photos of how a particular site might be improved through smart growth principles. Visitors can also see a snapshot of what smart growth changes could look like at an additional 70 sites across the country via a Web mashup. Links provide visitors with more smart growth information and resources. Resource: www.nrdc.org/smartgrowth/visions

Plant a Tree in PA with a Click of a Mouse!

The Plant a Tree program is a partnership between Odwalla and Pa Parks and Forests Foundation to support our Earth and help with important reforestation and planting initiatives. Now in its second year, the Odwalla Plant a Tree program will donate \$100,000 worth of trees to 11 state park systems based on where Web site visitors at Odwalla choose to plant a tree. The Odwalla Plant a Tree program helps maintain a healthy environment for generations to come. Take a minute and plant a tree in Pennsylvania. Only one click per person--so vote well!
Link: Odwalla Plant a Tree Program click here <http://www.parkvisitor.com/odwalla/>.

PCEE Caught 'Green Handed'

The Pennsylvania Center for Environmental Education's website, www.pcee.org, was recently recognized in an online blog authored by Principals for Change. "You will find endless resources ranging from their one of a kind CritterQuest to their Green Guide to Pennsylvania...a must see for all enviro-ed-junkies," wrote Aaron Steinly, Pennsylvania educator and founder of Principals for Change. The full blog entry may be found at <http://principalsforchange.blogspot.com/>. In other PCEE News: [Special Issue Released - Educator Professional Development](#).



WATERSHED FINANCIAL ASSISTANCE

Securing Green Retrofit Stimulus Funds - Jun 15

The U.S. Department of Housing and Urban Development (HUD) issued application and eligibility guidance for its "Green Retrofit Program for Multifamily Housing" on May 13, 2009. The \$250 million loan and grant program is funded by the economic stimulus bill enacted in February (P.L. 111-5), and is limited to properties receiving HUD project-based assistance. HUD will begin accepting applications on June 15, 2009, and will make awards on a first come, first served basis. Interested owners are encouraged to move quickly in reviewing their eligibility and gathering application materials, as the process is complex and funding is limited by building type and geographic region. In total, HUD estimates that funding is available for approximately 300 properties. Eligible owners can receive up to \$15,000 per apartment unit towards green building improvements that boost energy efficiency, water conservation, improve indoor air quality and provide other environmental benefits. Property owners will work with the Retrofit Program to establish the most effective retrofit plan for their site and must accept 75 percent of the program's recommended retrofit suggestions. Read more at the resource link below. Resource: <http://www.nmhc.org/Content/ServeContent.cfm?ContentItemID=5239>

Deadline For Next \$250 Grants To Celebrate 10 Years Of Growing Greener Watersheds - Jun 20

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 [Growing Greener website](#). June 20 is the next deadline for entries for the second month of the grant program. Thanks to the Foundation for Pennsylvania Watersheds and an anonymous benefactor, two \$250 grants will be given to the watershed groups with the best article and photo or video each month through December. 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 Offers Grants For Protecting Non-Game Species - Jun 30

Visit the [GrowingGreener 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. Applications are being accepted by the Department of Conservation and Natural Resources for grants to protect Pennsylvania's non-game animals, native plants and their habitat. Applications are due June 30. For more than 25 years the Wild Resource Conservation Program has helped to protect Pennsylvania's native biodiversity by supporting research, conservation, and education projects. This year WRCP is soliciting grant applications in five areas: effects of climate change on biodiversity; Internet-based educational tools; wildlife protection plan priorities; wild plant management; and general biodiversity projects. Launched in 1982, the program is funded through Growing Greener and voluntary contributions, and supports research and protection efforts to conserve Pennsylvania's diverse native wildlife resources, including bird and mammal species, amphibians and reptiles, insects and wild plants. Applications should be for projects between January 2010 and June 2011. For the first time, applications only will be accepted electronically through DCNR's eGrants online grant application system. For more information, visit the [Wild Resource Conservation Program webpage](#). Questions on the grants program can be directed to Greg Czarnecki at 717-783-1639.

Two Conservation Funding Opportunities Available Through NFWF

The National Fish and Wildlife Foundation recently announced two funding opportunities available through the Pulling Together Initiative (PTI) and the Native Plant Conservation Initiative (NPCI). Eligible applicants for both opportunities include local governments and non-profit organizations.

- The PTI seeks to find programs that control invasive plant species through public and private partnerships. Competitive programs for application must prevent, manage or eradicate invasive and noxious plants through a coordinated program of public and private partnerships and increase public awareness of the adverse impacts of invasive and noxious plants. The pre-proposal deadline for the PTI is June 30, 2009. For more information and to apply for the PTI, please click here. http://www.nfwf.org/AM/Template.cfm?Section=Browse_All_Programs&CONTENTID=12669&TEMPLATE=/CM/HTMLDisplay.cfm
- The NPCI is a program that seeks projects that focus on the conservation of native plants and pollinators. Priority will be given to those projects that have a climate change component as it pertains to the conservation, restoration and sustainability of native plants. The pre-proposal deadline for the NPCI is July 1, 2009. For more information and to apply for the NPCI, please click here. http://www.nfwf.org/AM/Template.cfm?Section=Charter_Programs_List&TEMPLATE=/CM/HTMLDisplay.cfm&CONTENTID=12637

SSBN Announces Member Educational Grants

Dues paying members and their employees are eligible to receive grants to assist them in attending educational opportunities related to their industry and the mission of Susquehanna Sustainable Business Network. Educational opportunities can include (but are not limited to): workshops, college level course work, certification coursework, convention, and job training. Subjects that the ssbn will consider giving educational grant money can include (but not be limited to): green building practices, alternative energies, promoting independent businesses, organic farming, and holistic medicine. Applicants should fill out an application that can be found on the ssbn website beginning June 15. Grant money will be given on a first come first serve basis until the budgeted funds have been assigned. The ssbn will pay up to 50% of the educational fees, not to exceed \$200. Applicants will be required to present the information they learned in 2 ways- a short summary to be included in a future newsletter, and a 5-10 minute presentation at the next quarterly gathering following their coursework, workshop, or convention. Applications should be submitted no less than 30 days from date funds are required. The Board of Directors will vote on each application at monthly Board Meetings (10 minutes per meeting allotted to discussion of grant submissions). If questions should arrive, the Board will send the application back to the requesting member for clarification. Budgeted funds for 2009 are \$500.

Lancaster Investment in a Vibrant Economy (LIVE)

Presently accepting pre-proposals from City non-profits to advance the sustainability and livability of Lancaster through strategic investment and collaboration in the following three priority areas:

- Energy Efficiency and Conservation
- Green Infrastructure Improvement
- Creative Greening Project

The deadline for submission is 12:00 p.m. on June 23, 2009. Any questions about this initiative should be addressed to Danene Sorace, President & CEO, preferably via email (danene@livelancaster.org).

National Wildlife Photo Contest – Enter Now!

Let us showcase your photography! We invite you to submit your favorite nature images to our 2009 Photo Contest – our biggest photography competition ever. Cash prizes totaling \$25,000, including two Grand Prizes of \$5,000 each, and other gifts will be awarded to the winners in three separate divisions: Professional, Amateur and Youth. Enter here...

http://www.nfwf.org/photozone/enterphotocontest.cfm?s_src=&s_subsrc=&CFID=15040710&CFTOKEN=c1d9837cd7efbb40-C15FF633-5056-A868-A0E120CBD6BBA852



WATERSHED FACILITATION ASSISTANCE

June is National Rivers Month!

As school lets out and the days grow longer, millions of Americans head outdoors to swim, paddle, fish, and enjoy their local rivers. A great way to help ensure the health and safety of your river is by participating in American Rivers' [National River Cleanup™ program](#). You can join an already scheduled cleanup or organize one of your own. National Rivers Month is a great time to do a cleanup, but rivers benefit from cleanups year-round. [Visit our Interactive Cleanup Map](#) to find a cleanup near you or [register to organize your own!](#) Anyone who organizes a cleanup through American Rivers will receive a Cleanup Kit that includes trash bags, t-shirts and snacks. At a time when more and more Americans are looking for opportunities to volunteer and serve their communities, National River Cleanup™ is a great way to make an impact. [Register now!](#) Don't hesitate to contact me at NRC@AmericanRivers.org or 202-347-7550 with any questions. Have a great National Rivers Month!

Upcoming Webcast: Urban Landscaping with Bare Root Trees – Jun 18

Conservation districts who work with landowners and communities on urban tree planting may be interested in the June 18 webcast by the Alliance for Community Trees. Scheduled for 1:00pm eastern time, participants will learn about the advantages and disadvantages of bare root stock, dealing with the narrower planting window, finding desired species, and selling to and educating the public about bare root trees. In an industry where having a viable root system is the primary determining factor of whether trees survive and thrive in their new location, current practices must be reevaluated. Addressing this topic will be speakers from the Urban Horticulture Institute at Cornell University and Delaware Center for Horticulture. Click here to sign up for the free one-hour webcast.

http://www.surveymonkey.com/s.aspx?sm=gDXkf007fdoXGI1gh1WTjQ_3d_3d

The River Experience! – Jun 20

Looking for an evening along the Susquehanna River? Please join us on Saturday, June 20th, 6-9 p.m. for The River Experience! Tickets are \$50 per person & can be purchased online at www.StoriesoftheLand.com.

- Local Food & Beverage Tastings
- Live Music
- Living History

- River Boat Rides
- Silent Auction

On the riverfront grounds of Shank's Mare Outfitters, 2092 Long Level Road, Wrightsville. Tickets can also be purchased by calling the Heritage Region office, visiting the office between 9 a.m. & 5 p.m. Monday- Friday, or mailing a check payable to the Lancaster-York Heritage Region. [Lancaster-York Heritage Region, 1706 Long Level Road, Wrightsville, Pennsylvania 17368]. Phone: 717-252-0229. E-mail: info@lyhr.org. Web: www.StoriesoftheLand.com. Special thanks to all of the River Experience's sponsors, especially the Lancaster County Solid Waste Management Authority.

MIDSUMMER FAIRE & EVENING CONCERT at SPOUTWOOD FARM CENTER – Jun 20

Spoutwood Farm Center, Inc., a 501(c)(3) non-profit education and community-supported agriculture (CSA) farm in Glen Rock, PA, is proud to announce its first annual Midsummer Faire and Evening Concert, to be held on Saturday, June 20th, 2009, to benefit Spoutwood's Education Program and CSA. The gates will open at two o'clock. Ongoing events include:

- Silent Auction of items and services.
- Farmer's Market, Bake Sale, and Country Kitchen featuring produce from Spoutwood's gardens and favorite recipes from the Spoutwood community.

Two-thirty and four o'clock p.m. workshops will include:

- Introduction to Herbalism and a "Weed Walk" by Camille Freeman of the Tai Sophia Institute.
- Mead-making with Michael Kaiser.
- A kid- and family-friendly workshop on Natural Dyeing.
- Living structures and Green Building with L.J. Sanders.
- Cooking from the Garden, host/instructor to be announced.

Five-thirty is Dinner and an Open Mike – Potluck Cookoff: Bring a cookoff dish using at least one fresh local ingredient, and you and two family members may eat at our Potluck Dinner starting at 5:30. Others may purchase a meal at \$10 for adults, \$5 children 12 and under, while the food lasts. Bring or buy your food, and bring drums, instruments, or your singing voice for the open mike. A seven o'clock concert by local bands Ahlyrra and Spootiskerry follows – dancing allowed and encouraged! Following the concert will be a Summer Solstice Bonfire, with more drumming and dancing, the evening to conclude at ten o'clock. The cost of \$25/person benefits Spoutwood's CSA, toward the purchase of a new bucket-loading tractor, and our Education Program, for exciting new projects including the Sustainable Living Film Festival, Fresh-Local-Healthy Youth Initiative, and a regional "green" resource website. Tickets must be purchased in advance and may be ordered from Spoutwood Farm Center, 4255 Pierceville Road, Glen Rock, PA 17327. For more information or to request a registration form, please contact Spoutwood Farm at 717-235-6610, <http://www.spoutwood.org>, csa@spoutwood.org, or edu@spoutwood.org. Fliers available, in print or electronic format; please contact us. Thank you!

EPA Webcast: Managing Wet Weather with Green Infrastructure – Jun 23

Funding & Incentives and Brownfield Redevelopment. For more information, see www.epa.gov/npdes/training.

CWP'S WATERSHED & STORMWATER MANAGEMENT WEBCAST SERIES: Managing Stormwater in the Age of Budget Cuts – Jun 17

Two-Hour Live Webcast Webcast: Wednesday, June 17, 2009, Eastern: 12:00 pm - 2:00 pm. Cost: FREE! Registration closes 6/12/09. Space is limited, so register today to secure your spot!

EPA Webcast: Managing Wet Weather with Green Infrastructure – Jul 28

Retrofits: Green Streets and Operation & Maintenance. For more information, see www.epa.gov/npdes/training.

Chesapeake Conservation Landscaping Council Conference - Save the Date - Dec 4

The Chesapeake Conservation Landscaping Council presents its 2009 conference on Friday, December 4 at the George Washington University, Washington, DC. Co-Sponsored by George Washington University's Landscape Design Program. Featuring: Keynote speech by the Honorable Tony Williams, former mayor of Washington, DC. Four concurrent sessions: Sustainable Landscape Design: Making Beautiful Practical; Selling Green: Business Models, Planning and Marketing; Getting It Done with Local Governments; and The Science of Sustainability: Urban Ecology and New Technologies. Plenary by Eric Eckl, Water Words that Work blogger and environmental consultant. Eco-Marketplace. Educational Information and Displays. CEU Credits. For more information on attending, sponsoring and participating in the eco-marketplace at the conference contact Sylvan Kaufman at sylvan.kaufman@gmail.com or visit www.chesapeakelandscaping.org.



WATERSHED TECHNICAL ASSISTANCE

How Humans Have Disrupted The Nitrogen Cycle

ScienceDaily (June 5, 2009) — More and more, scientists are getting a better grip on the nitrogen cycle. They are learning about sources of nitrogen and how this element changes as it loops from the nonliving, such as the atmosphere, soil or water, to the living, whether plants or animals. Scientists have determined that humans are disrupting the nitrogen cycle by altering the amount of nitrogen that is stored in the biosphere. The chief culprit is fossil fuel combustion, which releases nitric oxides into the air that combine with other elements to form smog and acid rain. But it has been difficult to know precisely the extent to which such emissions have altered the nitrogen balance. Researchers from Brown University and the University of Washington have found a new way to make the link. The scientists show that comparing nitrogen isotopes in their deposited form — nitrates — can reveal the sources of atmospheric nitric oxide. In a paper published June 5 in Science, the group traces the source of nitrates to nitric oxides released through fossil fuel burning that parallels the beginning of the Industrial Revolution. The group also reveals that the greatest change in nitrogen isotope ratios occurred between 1950 and 1980, following a rapid increase in fossil fuel emissions. To make the link, researchers from the Department of Earth and Space Sciences at the University of Washington, examined at high resolution for the first time two isotopes of nitrogen found in nitrates in a Greenland ice core. The core, 100 meters long and taken at the peak of the Greenland ice cap in June 2006, contains a record of nitrates from about 1718 to 2006, according to the group.

Tests showed the ratio of the nitrogen-15 isotope to the more common nitrogen-14 isotope had changed from pre-industrial times to the present. The task is complicated, however, because nitrogen, when cycling through the atmosphere or deposited on land or in water, is subject to influences that can alter the isotopic ratios, thus masking the source. So, the scientists will need to tease out the extent of those alterations to trace the isotopic signatures of nitric oxide sources accurately. The research was funded by the National Science Foundation's Office of Polar Programs and the Joint Institute for the Study of the Atmosphere and the Ocean (JISAO). *Journal reference: M. G. Hastings, J. C. Jarvis, and E. J. Steig. Anthropogenic Impacts on Nitrogen Isotopes of Ice-Core Nitrate. Science, 2009; 324 (5932): 1288 DOI: [10.1126/science.1170510](https://doi.org/10.1126/science.1170510)*

Most Polluted Ecosystems Can Recover, Study Finds

ScienceDaily (May 28, 2009) – Most polluted or damaged ecosystems worldwide can recover within a lifetime if societies commit to their cleanup or restoration, according to an analysis of 240 independent studies by researchers at the Yale School of Forestry & Environmental Studies. Their findings will appear in the June edition of the journal PLoS ONE. The Yale researchers found that forest ecosystems recovered in 42 years on average, while ocean bottoms recovered in less than 10 years. When examined by disturbance type, ecosystems undergoing multiple, interacting disturbances recovered in 56 years, and those affected by either invasive species, mining, oil spills or trawling recovered in as little as five years. Most ecosystems took longer to recover from human-induced disturbances than from natural events, such as hurricanes. The Yale analysis focuses on seven ecosystem types, including marine, forest, terrestrial, freshwater and brackish, and addresses recovery from major anthropogenic disturbances: agriculture, deforestation, eutrophication, invasive species, logging, mining, oil spills, overfishing, power plants and trawling and from the interactions of those disturbances. Major natural disturbances, including hurricanes and cyclones, are also accounted for in the analysis. The researchers point out that a potential "pitfall" of the analysis is that the ecosystems may have already been in a disturbed state when they were originally examined. Many ecosystems across the globe that have experienced extinctions and other fundamental changes as a result of human activities, combined with the ongoing effects of climate change and pollution, are far removed from their historical, natural pristine state. Thus ecologists measured recovery on the basis of an ecosystem's more recent condition. The study points out the need for the development of objective criteria to decide when a system has fully recovered. The researchers said the analysis rebuts speculation that it will take centuries or millennia for degraded ecosystems to recover and justifies an increased effort to restore degraded areas for the benefit of future generations. *Journal reference: Holly P. Jones, Oswald J. Schmitz. Rapid Recovery of Damaged Ecosystems. PLoS ONE, 2009; 4 (5): e5653 DOI: [10.1371/journal.pone.0005653](https://doi.org/10.1371/journal.pone.0005653)* . Adapted from materials provided by [Yale University](http://www.yale.edu), via [EurekAlert!](http://www.eurekalert.com), a service of AAAS.

Researchers Compare Mercury Levels in Watersheds

The U.S. Geological Survey (USGS) recently published three articles on mercury transport, biogeochemical processes and bioaccumulation in stream ecosystems in Environmental Science & Technology. The USGS studied eight streams in Oregon, Wisconsin and Florida from 2002 to 2006. Although all eight streams receive mercury predominantly via atmospheric deposition, watershed characteristics primarily determine mercury transport and bioaccumulation in these streams. Key factors include (1) the abundance of wetlands, which influence how much of the atmospherically deposited mercury is converted to methylmercury (the most toxic, bioaccumulative form of mercury); and (2) runoff of dissolved organic carbon and suspended sediment, which control how much mercury and methylmercury is delivered to the streams. Findings show that the relative amount of methylmercury in streams is strongly correlated with streamflow and the production of methylmercury in the watersheds (particularly in wetland areas), which is subsequently transported in runoff to streams. An unexpected finding was that methylmercury production in channel sediments appears to be relatively unimportant for governing within-stream methylmercury levels. Methylmercury concentrations increase with each trophic level in the food chain. For more information, see <http://water.usgs.gov/nawqa/mercury/pubs>.

Report Investigates Influences on Shallow Aquifer Water Quality

The U.S. Geological Survey collected and analyzed data from more than 400 wells in the shallow regional unconfined aquifer in the Northern Atlantic Coastal Plain (New York through North Carolina) to assess what natural and human factors influenced water quality. They studied concentrations of nitrate and selected pesticide compounds and volatile organic compounds found in groundwater to see if these are related to likely influences, such as observed geochemical patterns, surface land use, soil types and hydrogeology. The study results demonstrate that understanding geochemical information and distribution of potential pollution sources will help predict the regional occurrence of selected compounds in unconfined aquifers. For more information, see the report "Natural and Human Influences on Water Quality in a Shallow Regional Unconsolidated Aquifer, Northern Atlantic Coastal Plain," at <http://md.water.usgs.gov/publications/sir-2008-5190>.

Helping Horse Owners Manage Manure

The Livestock and Poultry Environmental Learning Center now offers a series of Web-based resources on how to manage horse manure (see www.extension.org/pages/Managing_Horse_Manure). Topics include stall waste, barnyards, storing manure, spreading manure, off-farm disposal options and pasture management. The articles include an overview of each topic and provide links to additional information and resources.

Low Impact Development Urban Design Tools

Designed by the nonprofit Low Impact Development (LID) Center, this Web site provides guidance to local governments, planners, and engineers for developing, administering, and incorporating LID into their aquatic resource protection programs. Visitors can select icons to view sketches of a number of LID techniques dispersed throughout general land use settings to help them choose LID techniques for their site. Resource: www.lid-stormwater.net

Web-based Tool Interprets Water Quality Data

Colorado State University's Water Quality Interpretation Tool helps people evaluate the quality of water for drinking, irrigation or livestock use by comparing water quality data provided by a certified laboratory with Colorado-specific and federal water quality standards. Although designed for use in Colorado, the tool presents valuable information about the suitability of water quality for particular uses and has wider applicability. <http://wsprod.colostate.edu/cwis435/index.cfm>

Replicating Natural Runoff Through Retention and Dissipation

Stormwater – Natural watersheds retain and dissipate most rainwater. This water is retained on the surfaces of vegetation and in ground depressions, such as puddles, wetlands, and marshes. Natural processes such as transpiration by plants, infiltration into the soil, and evaporation dissipate this water. A natural watershed's retention and dissipation capacity is sufficient to prevent any runoff from occurring during most rainfalls. Occasionally, when there is a heavy rainfall, a small amount of the rainwater becomes surface runoff that enters nearby creeks, rivers, and lakes. The natural processes that retain and dissipate the rainwater are diminished when land is developed, whether for agriculture or for urban use. Land development removes vegetative cover, fills in low areas, compacts the soil, and creates impervious areas. The result is increased water runoff flowing more frequently across the land and discharging into the watershed's rivers, streams, and lakes. This increased runoff causes downstream flooding, accelerated soil loss from erosion, unstable stream banks, and pollution of water resources. Read more... <http://www.stormh2o.com/september-2008/retention-volume-modeling.aspx>

StormUlator

This free online runoff calculator estimates what practices might be needed to keep pre- and post-runoff volume the same on a particular site. The StormUlator is a public awareness tool developed by the California State Water Resources Control Board, University of California–Davis and the California Sea Grant Program. Resource: www.stormulator.com.

Watershed Forestry Resource Guide

This Center for Watershed Protection-sponsored site serves as a central source for resources related to forests and watersheds, and offers fact sheets, slideshows, training exercises and other tools, as well as links to research papers, reports and relevant Web sites. The site was developed in cooperation with the U.S. Department of Agriculture's Forest. Resource: www.forestsforwatersheds.org.

Current Wild Trout Streams List for York County

Below is a link to the 2009 wild trout list for your reference. Happy Reading! Please pass along to anyone I missed that may need it for permitting determinations. Resource: http://www.fish.state.pa.us/trout_repro.pdf

Aquatic Invasive Species

The spring 2009 issue of the national newsletter Volunteer Monitor (www.epa.gov/owow/monitoring/volunteer/issues.htm) focuses on aquatic invasive species. Articles include examples of case studies and techniques that volunteer monitors are using to assess the presence of aquatic invasive species, and precautions that monitors are taking to prevent cross-contamination of waterbodies.

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Saturday, June 6, 2009

Pages 2771-2920

- Safe Drinking Water Chapter 109 Update final regulation was published in the [Pennsylvania Bulletin](#) on 5/23/2009.

DRAFT TECHNICAL GUIDANCE DOCUMENTS AVAILABLE

As of Monday, June 08, 2009

ID NUMBER	DOCUMENT TITLE	DRAFT DATE	COMMENT BY	CONTACT	PHONE
392-0900-001 PDF File	Draft Trading of Nutrient and Sediment Reduction Credits - Policy and Guidelines	5/30/2009	6/29/2009	Ann Smith	(717) 787-4726

Proposals Currently Open For Comment

Date Published In PA Bulletin	Proposal	Comment Deadline
4/04/2009	Proposed Revisions to General NPDES Permit for Stormwater Discharges from Municipal Separate Storm Sewer Systems (PAG-13). Published PA Bulletin Notice . Notice of Extension of Public Comment Period . Draft General Permit	7/6/2009

Availability of Technical Guidance [39 Pa.B. 2747] [Saturday, May 30, 2009]

Technical guidance documents are available on the Department of Environmental Protection's (Department) web site at <http://www.depweb.state.pa.us> (DEP Keywords: "Technical Guidance").

- DEP ID: 392-0900-001. Title: Trading of Nutrient and Sediment Reduction Credits--Policy and Guidelines. Description: Credit trading is a market-based program that provides incentives for entities to earn nutrient reduction credits by going beyond legal obligations to remove nutrients from a watershed. Interested persons may submit written comments on this the substantive changes to the draft technical guidance document by June 29, 2009. The Department will accept comments submitted by e-mail. A return name and address must be included in each e-mail transmission. Written comments should be submitted to Ann Smith, Water Planning Office, P. O. Box 2063, Harrisburg, PA 17105-2063, (717) 787-4726, annsmith@state.pa.us. Contact: Questions regarding the draft technical guidance should be directed to Ann Smith at (717) 787-4726 or annsmith@state.pa.us. Effective Date: Upon publication of notice as final in the Pennsylvania Bulletin.

