

WAY E-NEWS

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



May 11, 2009

A PUBLIC-PRIVATE PARTNERSHIP

Volume 9, Issue 10

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WATERSHED CONTACTS

COMPREHENSIVE PLANNING –
(717) 771-9870

CONSERVATION – (717) 840-7430

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

EMERGENCIES – (800) 541-4741

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

ENVIRONMENTAL – (877) 333-1904

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

FISHERIES – (800) 541-2050

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

GAME & WILDLIFE – (888) 742-8001

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

ILLEGAL DUMPING – (877) 772-3673

- Illegal dumping on state forest and park lands

MUNICIPAL (Phonebook Blue Pages)

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

NOXIOUS PLANTS – (717) 772-5209

RECYCLING – (717) 845-1066

WETLANDS – (717) 249-2522

WATERSHED ALLIANCE NEWS

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

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

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

- Project Clean Stream Annual Stream Clean Up is a Success! Volunteers Register 156 clean-up sites throughout Maryland
- Join the growing Chesapeake Watershed Network – www.chesapeakekenetwork.org/profile.htm?mode=getagreement
- June 24-28th – Lower Susquehanna Sojourn from Harrisburg, PA to the Holtwood Dam. For more information contact katiesoi@earthlink.net or call the Sojourn Hotline at 717-737-8432 ext: 12
- Oct 9-11 – 2009 Chesapeake Watershed Forum Friday, (NOTE...This is a change from the previous announcement). National Conservation Training Center, Shepherdstown, WV. More details forthcoming on the Chesapeake Network website www.chesapeakekenetwork.org

<> Contact: Donna Morelli, Director Pennsylvania Office, 3310 Market Street Suite A, Camp Hill, Pennsylvania 17011. Phone: (717) 737-8622 Fax: (717) 737-8650. E-Mail: acbpa@acb-online.org

American Rivers - www.americanrivers.org

- Jun 2 – River Action Day provides a unique opportunity for river advocates from across the country to meet with their Members of Congress to discuss the value of healthy rivers to their communities. This year's River Action Day is special because it coincides with River Network's 10th annual River Rally in Baltimore, MD. If you are attending River Rally, you can register for River Action Day through the River Network's River Rally registration page. <https://rivernetwork.org/rally/rallyreg.php>.
- American Rivers Now on Facebook – <http://www.facebook.com/pages/American-Rivers/117682905290>

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

Capital Resource, Conservation & Development (RC&D) Area - <http://www.capitalrcd.org/noframes/index.htm>

- The next scheduled meeting of the Capital RC&D Area Council will be held from 9:30 until 11:30 AM on Friday, May 15, 2009 at the Hospital and Health Systems Association (HAP) Building, otherwise known as the Capital RC&D office, at 4750 Lindle Road in Harrisburg (Directions included below).
 - The Buy Fresh Buy Local Campaign continues to plan events and inform consumers of the many and varied opportunities to "taste the gifts of our region." Watch the Capital RC&D web site or the Pennsylvania Buy Fresh Buy Local web site (www.buylocalpa.org) for updates.
- <> Contact: Susan Parry, Coordinator, Capital RC&D Area Council, 4750 Lindle Road, Harrisburg, PA 17111. Phone: (717) 724-0009.

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

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

Chesapeake Bay Foundation - www.cbf.org

- President Obama establishes the Chesapeake Bay as a "National Treasure;" states release new commitments.
- 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

- May 23 – Oil Creek Restoration Project monitoring
 - 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

Condoguinet Creek Watershed Association - www.conocreek.org

- Tue, May 12 – Board meeting
- May 16 – The Condoguinet Creek Watershed Association, Mechanicsburg Area Environmental Club, and Diakon Wilderness Center are joining forces again in 2009 to clean the creek through Hampden and Silver Spring Twps. Our goal is one mile of bank and creek bed a month from May to September. In a perfect world, that would be 5 miles a year. We are cleaning the one mile of creek on the western side of Bent Creek Road / eastern side of Condoguinet Parkway (Route 114). This event will be held on May 16, 2009 at 8:45. We will meet, park our vehicles, and carpool to the entry site. If you have any problems locating us, call Paul Garrett on his cell phone 514-3546. Please reply or call 737-2554 or 514-3546 with questions, comments, sign up.

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

Conewago Canoe Club - www.conewagocanoecub.org

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

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

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

Doyle Farm Nursery - www.doylefarm.com

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

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

- MAY PROGRAMS
 - Family Twilight Canoe Trips - Tuesday and Thursday evenings from approx. 5:45pm- 8:00pm; ages 6- senior. Fee: \$5/member OR \$8/non-member
 - Critter Chow-down - Wednesdays at 3:00pm; all ages. No fee
 - Bird Banding - Sunday, May 15th, May 22nd, and May 29th from 7:00am-12:00pm; all ages. No fee and no registration. just attend at the Bird Banding Pavilion at the trail head
 - Homeschool- Water Exploration - Mondays, May 11, 18 from 9:30-11:30am; ages 6-12. Fee: \$20/member and \$16/sibling member or \$23/non-member. Parents and siblings are welcome to enjoy the trails during the program.
 - Nature Storytime - Thursday, May 14th and May 28th at 11:00am; all ages. Donation only to cover the cost of the craft.
 - Tiny Wonders- Leaping Frogs and Hopping Toads Friday, May 15th from 10:30am-12:00pm; ages 2-5. Fee: \$8/member with \$6/member sibling OR \$10/non-member
 - Early Morning Guided Canoe Trip - Saturday, May 16th 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!
 - Bee Hive Maintenance - Tuesday, May 19th at 4:30pm; all ages. No fee and no registration- meet at bee hives along paved pathway.
 - Trail Maintenance - Saturday, May 23rd 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!
 - Introduction to Kayaking - Saturday, May 23rd from 9:00am-3:30pm; ages 14+. Fee: \$70/member OR \$80/non-member. A full day of classroom, on-water basic strokes, wet exits, rescues, and even a game or two This workshop explores the lower-in-the-water world of the recreational and touring kayak, perfect for paddlers who want to enjoy exploring the quiet waters of the upper bay region. Basic strokes, kayak gear, styles/pro's and con's of different kayak design, maneuvers and getting wet will fill out your day!
- To learn more about general and specific program offerings, visit our web site and download a copy of our newsletter The Beaver Chew, EDEN MI L L NATURE CENT ER NEWS, Spring 2009
- <> 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/

<> 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

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

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

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

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

- Calendar of events 2009 - www.yorkchapter67iwla.org/id21.html
 - Sept 25-27 – NEW IWLY Outdoor Show 2009
 - Club Open Meetings are held the Third Tuesday of each month at 7pm in the Clubhouse.
- <> Contact Lee Irwin 428-9368

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

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

Lancaster-York Heritage Region – www.lyhr.org

- First Annual River Experience Saturday, June 20, 2009 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. For more info, please visit www.StoriesoftheLand.com
- <> Contact Mark Platts, Lancaster-York Heritage Region, 1706 Long Level Road, Wrightsville, PA 17368. Office: 717-252-0229. E-mail: info@lyhr.org.

Lower Susquehanna Riverkeeper – www.lowersusquehannariverkeeper.org

- Intersex Fish Linked To Population And Agriculture In Potomac River Watershed. Research by the U.S. Geological Survey shows that a high incidence of intersex occurs where farming is most intense and where human population density is highest. Read the Science Daily Article here www.sciencedaily.com/releases/2008/02/080208115302.htm. More information can be found online by searching 'intersex fish'.
- <> Contact: Michael Helfrich, Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: lowsusriver@hotmail.com.

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

- June 1 – Next Upper Western Shore Trib Team Meeting, 5:30-7:30PM, Harford County, Maryland.
 - June 3 – As part of the Maryland Department of the Environment's (MDE) triennial review of water quality standards, MDE is holding a public hearing for the purpose of reviewing applicable water quality standards which are set forth in Code of Maryland Regulations §26.08.02 (Water Quality). Please see the attached letter announcing the hearing details. Additional information can be found at: http://www.mde.state.md.us/ResearchCenter/Data/waterQualityStandards/Triennial_Review_2007.asp
 - Wade In – June 6th from 2 to 5, Sandy Point State Park, MD.
- <> Contact: Mike Bilek, Tributary Team Coordinator, MD DNR, Tawes Office Building, Annapolis, MD 21401. Ph: 410-260-8988. E-mail: mbilek@dnr.state.md.us

Messiah College – www.messiah.edu

- Research Highlights – Erik Lindquist studies biodiversity modeling and community ecology in woodland vernal pools of South Central Pennsylvania. Recently I have been studying species of tropical canopy amphibians that have survived the *Bd* fungal pathogen in Panama. A study will soon be published by Dr. Michael Freake of Lee University and I, found that persistent pesticides are being introduced into the Great Smoky Mountains National Park park through the food chain. Contact: quist@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!)

- May 16 – Spring Native Plant Sale at the York County Annex 112 Pleasant Acres Road, York, PA. Plant sale starts at 9:00am and continues, rain or shine, until all plants are sold (3:00 PM). No sales before 9:00am. 10:00am Garden Tours and Educational Sessions Penn State Master Gardener experts available all day to help you with plant selection.
 - July 11 – Bring Back the Natives" Garden Tour. MAEscapes Partners sponsor the Bring Back the Natives" tour the second weekend of July, annually. Visitors can tour diverse gardens, all located in the York County. Our own Demonstration Gardens at the York County ANNEX features the Entrance, Edge, Meadow, and Rain Gardens. Tickets for the entire day/all garden sites must be purchased in advance at the Penn State Extension Office. Cost is \$8 for adults and children under 12 years are FREE. Tickets bought on the day of the event will be \$10. All proceeds of the tour benefit the MAEscapes Demonstration Gardens, public education and outreach programs.
 - Jul 27 – MAEscapes Advisory Board meets, 6:30 pm, at the York County ANNEX.
- <> Contact: 717-840-7408 or Connie Schmotzer at cxs51@psu.edu

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

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

PPL Environmental Preserve – www.pplpreserves.com

- PPL Preserves Calendar of Events
 - SUSQUEHANNA AQUACULTURES FISH FARM TOUR (at Brunner Island Environmental Preserve) – Date: Thursday, May 21 - 10:00a.m. Susquehanna Aquacultures Inc., growers of farm-raised hybrid striped bass, is one of the largest facilities in the country to use warm power plant water for fish farming.
 - "The Nature Notebook," a weekly radio feature delivered by PPL senior naturalist Jon Beam, is broadcast on Sundays at 4:57 p.m. on the National Public Radio affiliate serving northeastern and central Pennsylvania. Listeners can hear WVIA's broadcast of "The Nature Notebook" on 89.9 FM in northeastern Pennsylvania, 94.3 FM in Stroudsburg/East Stroudsburg, 99.3 FM in Allentown, 100.5 FM in Lewisburg, 105.7 FM in Sunbury, 99.7 FM in Mainesburg, 89.7 FM in Williamsport, 90.3 FM in Clarks Summit, 105.7 FM in Bethlehem and 94.9 FM in Pottsville.
- <> Contact: Karen Ament, Naturalist, Holtwood Environmental Center, 9 New Village Road, Holtwood, PA 17532. Ph: 717-284-6272 or email pplpreserves@pplweb.com.

PSU Cooperative Extension York County – <http://york.extension.psu.edu/>

<> Contact Jeff Myers, Director, 112 Pleasant Acres Road, York, PA 17402-9041. Phone: 717-840-7408. Office Hours: 8:00 to 4:30. County Email: YorkExt@psu.edu.

Prettyboy Watershed Alliance – www.prettyboywatershed.org

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

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

- Red Lion Area Senior High School's Project N.A.T.U.R.E. was designed as a way to facilitate student learning through authentic, outdoor, hands on style learning activities. Although a trail existed through the wooded area behind the high school, a formal nature trail was not started until 1989 as an extension of the Envirothon club facilitated by Science Teacher and Envirothon Coach, Sandy Cooley with help from student volunteers and the community support from members of the Izaak Walton League.
- <> Project Coordinator: Sarah Warner, Global Biology and Science Technology Teacher, Red Lion. E-mail: warnerse@rlasd.k12.pa.us

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

- Opening June 2009 – "The Susquehanna House Art Gallery" featuring PA Arts Trail Artists
 - Full list of 2009 programs now listed on "Activities" page
 - Kayak instruction begins late May – sign up now!
 - 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/>

- Tuesday, May 26, 2009 - 6:30 pm - Conservation Presentation - topic to be announced. Where: East Shore Library, 4501 Ethel Street, near the Colonial Park Mall. GVP Excom Meeting to follow, all members welcome!
- <> Kim Anderson at sgfornyc@aol.com.

Spoutwood Farm CSA – www.spoutwood.com

- 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/>

- Deep Spring Walk May 27, 7:30 to 9 p.m. Find out why May is one of the best months to be outdoors. The forest comes alive on beautiful spring evenings. Let's take a hike to experience the biodiversity of Strawberry Hill. Register by May 26. Members, \$5; member families of

five or more, \$25; non-members, \$8; non-member families of five or more, \$40; children age 3 and under, free. [Email Registration Option](#)

- 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

- 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/>

- 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 May 13, 2009, 7:00 p.m., Laughman's Sawmill pavilion
 - 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/>

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

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

- 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.
- A new LTAP training course – EQUIPMENT & WORKER SAFETY (RS-S01). 8/12/2009, 8:00 AM - 11:30 AM, DOVER TOWNSHIP BUILDING, 2480 WEST CANAL ROAD, DOVER, PA 17315. If interested, please visit the LTAP website and register for this class. If you have any questions, please contact your LTAP Administrator via the LTAP website and your question will be answered as quickly as possible.
- 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](http://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. The Yellow Breeches Creek Water Trail guide provides boating and recreation information for approximately 13 miles of the Yellow Breeches Creek. The guide is divided into three trips due to the existence of several hazardous dams and the lack of approved access and/or portage. The guide also includes boating and fishing regulations, safety tips for paddling, and emergency and tourism information. Water trails are boat routes suitable for canoes, kayaks and other small watercraft. Like conventional trails, water trails are recreational corridors between specific locations. Water trails are comprised of access points, boat launches and day use sites. The goals of the Yellow Breeches Creek Water Trail project are to highlight existing recreation facilities and to encourage stewardship of, and recreation on the Yellow Breeches Creek. The Yellow Breeches Creek Water Trail project is a cooperative effort including public, private and non-profit organizations. Cumberland County leads the project and provided in-kind technical assistance and funding for printing and signage. The Pennsylvania Fish and Boat Commission designated the Yellow Breeches Creek an official Pennsylvania water trail and assisted with design and printing of the guide. The Yellow Breeches Watershed Association provided volunteer support and technical assistance. Other project partners include the local municipalities and the York County Planning Commission. Additional grant funding assistance was provided by the Pennsylvania Department of Conservation and Natural Resources. 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!](#)

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

[York Audubon Society - http://www.yorkaudubon.org/](http://www.yorkaudubon.org/)

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

[YorkCounts - yorkcounts.org](http://yorkcounts.org)

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

[York County - www.york-county.org](http://www.york-county.org)

- 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. Click here to view the full report <http://yorkcounts.org/YorkCounts09.pdf>
- <> Contact the Board of Commissioners, Administrative Center, 28 East Market St. York, PA 17401-1588. Phone: 717-771-9964.

[York County Agriculture Business Council](#)

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

[York County Agriculture Land Preservation Board - www.york-county.org](http://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](http://www.yccf.org)

- Keynote Speaker: Steve Gunderson, President and CEO, Council on Foundations. Our 2009 Annual Meeting is just around the corner, and we would love to see you there! Last year, York County Community Foundation gave nearly \$4.5 million back to York County to help enrich the quality of life for its residents. We could not have accomplished so much without your support! Our Annual Meeting is for you, so please RSVP today! Email us at rsvp@yccf.org or call 717.848.3733 no later than May 15. Event details: Thursday, May 21, 2009, 5 pm at the Yorktowne Hotel, 48 E. Market St.
- If your municipality or organization would like to partner on a project, sponsor a project, or need free technical assistance leveraging resources to implement a project the York County Community Foundation's Codorus Endowment can help. Contact: Jake Romig, Coordinator, 848-4717 or e-mail jakeromig@ecoconstructionllc.net
- <> Contact Jane Sload at 717.848.3733 or jsload@yccf.org.

[York County Conservation Alliance - www.yorkcountyconservationalliance.org](http://www.yorkcountyconservationalliance.org)

- May 16 – Mason Dixon "GO GREEN" Music Festival, Saturday, May 16, 12 Noon, 6:00 P.M., 543 Miller Road, Delta, PA 17314. Featuring: Local Musicians. Beverages available Variety of music. Food available 50/50 raffle. Pie Contest Chili cook-off. Pony Rides Bring your blankets or pull up a bale of hay (provided) Price: \$8.00 in advance for ages 12 and up, \$10.00 on May 16 Ages 11 and under enter free Chili cook-off and Pie contest: \$5.00 entry fee. Winners receive ½ of the entry fee total. Call for tickets: Mark or Diane Thomas 717-456-7473 or Maria Payan 717-456-5800
- <> Contact: Jane Heller at info@yorkcountyconservationalliance.org or 717-845-3797, or mail to YCCA - 543 Dupont Ave, York, Pa. 17403

[York County Conservation District - www.yorkccd.org](http://www.yorkccd.org)

- May 14 – 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](http://www.ycpc.org)

- May 13 – York County Planning Commission's 50th Anniversary Celebration 10th Annual Planning Awards and LGAC Full Committee
- May 27 – Local Government Advisory Committee Meeting (LGAC) Executive Committee Meeting
- <> Contact: 717-771-9870 or e-mail planner@ycpc.org

[York County Parks & Recreation - www.yorkcountyparks.org/parkpages/Nixon.htm](http://www.yorkcountyparks.org/parkpages/Nixon.htm)

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



[WATERSHED EDUCATION & OUTREACH](#)

[Campaign Promotes Homeowner Involvement to Slow Pollution](#)

New "Rainscaping" campaign urges residents to find "beautiful solutions to water pollution" to reduce polluted runoff to the Bay. Learn more... http://www.chesapeakebay.net/news_rainscaping09.aspx?menuitem=35773

[Help the Bay in Your Backyard](#)

We may think the actions we take in our yards are contained within our fences, but runoff from fertilizers, pesticides and pet waste collectively have a big impact on our local streams, creeks, rivers — and ultimately the Chesapeake. A healthy Bay begins in your backyard; so follow these tips to help clean the Bay, one yard at a time. Learn how... <http://www.chesapeakebay.net/inyourbackyard.aspx?menuitem=16888>

[What are you doing to help the Bay?](#)

Are you doing your part to help the Bay or your local river? Have you installed a rain garden at your home? Do you volunteer for a watershed organization? We're looking for great examples of people making a difference in the Bay cleanup effort, one small step at a time. If you'd like to tell us your story, send me an e-mail at apimenta@chesapeakebay.net. Or you can add your photo or video to our new Flickr group <http://blog.chesapeakebay.net/post/What-are-you-doing-to-help-the-Bay.aspx>. If you're chosen to be featured on our website, you'll get a Bay-friendly freebie, such as a reusable mug or shopping bag.

[Explore Your Chesapeake](#)

Paddle along the 65-mile Lower Susquehanna Water Trail, which stretches from Harrisburg, Pa., to Havre de Grace, Md. Paddle... <http://www.baygateways.net/general.cfm?id=17>

[Middle & Lower Susquehanna Sections Named DCNR's 'River of the Year':](#)

The DCNR has named the middle and lower Susquehanna sections as the 'River of the Year' for 2009. The middle Susquehanna River is a stretch from Northumberland, Northumberland County, to Duncannon, Perry County. Bordering counties include Union, Snyder, Juniata, and Dauphin. The lower Susquehanna flows from Duncannon to the Maryland state line. Bordering counties include Perry, Dauphin, Cumberland, York and Lancaster. More... <http://www.dcnr.state.pa.us/news/newsreleases/2009/0309-susquehannaroty.htm>

[EPA Promotes American Wetlands Month, 2009: Learn! Explore! Take Action!](#)

Throughout the month of May, EPA and its wetland partners across the country are celebrating the vital importance of wetlands to our nation's ecological, economic, and social health. EPA and a host of other public and private partners are planning a number of events as part of this year's celebration. In particular, 2009 marks the 20th Anniversary of the National Wetlands Awards program (143 champions of wetlands

conservation honored since 1989). On May 12, the Environmental Law Institute, EPA, and other federal partners will, once again, honor a diverse group of individuals for their extraordinary commitment to conserving wetlands at an award ceremony on Capitol Hill (Other highlights include EPA's Science Notebook focus on wetlands that will highlight the diversity of wetlands and wetland research being undertaken by EPA across the country using assorted multi-media tools such as blogs, podcasts, interviews, and photo diaries and a National Webcast "Wetlands–Re-connecting Youth with Nature" on May 28th" that will explore the unique role wetlands can play in connecting young people with nature. EPA regional activities planned for the month of May include educational displays, discussions, presentations, special feature articles, wetland walks and celebrations, and an array of other outreach and communication events. Information on national, regional, and local activities planned for May will be updated and posted throughout the month on EPA's American Wetlands Month website: Feel free to contact Kathleen Kutschenreuter (202) 566-1383 or Gregg Serenbetz (202) 566-1253 for more information.

- <http://www.nationalwetlandsawards.org>)
- <http://www.epa.gov/sciencenotebook>
- <http://www.epa.gov/owow/watershed/wacademy/webcasts>
- <http://www.epa.gov/owow/wetlands/awm>

iConservePa encourages gardeners to 'Bring Home the Natives'

With the arrival of planting season, the commonwealth is encouraging homeowners sprucing up their gardens to consider native species for their beauty, reduced maintenance when planted in the right spot, and the habitat they provide to birds and animals. Read more...

<http://www.dcnr.state.pa.us/news/resource/res2009/09-0506-iconservempa.aspx>

TreeVitalize expanding to three new metropolitan areas

The TreeVitalize initiative to plant one million trees is branching into three additional metropolitan areas in Pennsylvania this spring, DCNR said recently. Read more... <http://www.dcnr.state.pa.us/news/resource/res2009/09-0506-treevitalize.aspx>

Recreational Opportunities at Codorus State Park

This park has a lot of recreational opportunities, but the lake is a good place to start—and end. Read more...

<http://www.dcnr.state.pa.us/news/resource/res2009/09-0506-codorussp.aspx>

EE Connections May 2009

An electronic newsletter linking Pennsylvanians with environmental news and information. General news, K-12 news, Higher Education news, Professional development for educators, grants/awards, and more. Read more at www.pcee.org.

Rachel Carson Intergenerational Sense of Wonder Contest 2009 – Jun 10

The EPA, Generations United, the Dance Exchange and the Rachel Carson Council, Inc., are hosting a poetry, essay, photo and dance contest "that best expresses the sense of wonder that you feel for the sea, the night sky, forests, birds, wildlife, and all that is beautiful to your eyes." Entries will be judged on how the use of intergenerational teams made the entry special and how the project brought teams in touch with the natural world. Entries are due by June 10, 2009 and the winner will be announced in September. Enter...

<http://www.epa.gov/aging/resources/thesenseofwonder/index.htm>.

Fast facts - consumption statistics

Sometimes it can be difficult to relay to people just how much we consume; particularly those of us in developed countries. While purchasing green this and eco-friendly that are all well and good; one of the root causes of our environmental problems is hyperconsumption. We simply buy too much of what we don't need and often even what we don't really want. Here's some fast facts on consumption relating to various goods, services and resources we use. Half the world lives on less than two dollars a day - source: [GlobalWatch](http://www.globalwatch.org).

- 12 percent of the world's population lives in North America and Western Europe and accounts for 60 percent of private consumption spending, but a third of humanity that lives in South Asia and sub-Saharan Africa accounts for only 3.2 percent. [WorldWatch Institute](http://www.worldwatch.org)
- In 1950, the global population was 2.6 billion people. We had 53 million cars- which works out to be one car for every 50 persons. Today, there are over 6 billion people and 500 million cars-more than one car for every dozen inhabitants. [Sierra Club](http://www.sierraclub.org) (lots of fascinating facts on that page)
- If the Chinese consume resources in 2031 at a level that Americans do now, grain consumption per person there would climb from around 600 pounds today to around 2000 pounds needed to sustain a typical western diet. This would equate to 1,352 million tons of grain, equal to two thirds of all the grain harvested in the world in 2004. [OneWorld](http://www.oneworld.net)
- In 1950, Americans consumed 144 pounds of meat and poultry per person on average. In 2007, that shot up to 222 pounds. [Factory Farming Campaign](http://www.factoryfarming.org).
- Global oil production is currently about 81 million barrels a day and is predicted to fall to 39 million barrels a day by 2030 due to diminishing resources (see [Peak oil](http://www.peakoil.org)). Source: [Energy Watch Group via Guardian](http://www.energywatchgroup.org)
- In 2003, gasoline consumption per capita in North America was 1,593.1 litres per person, whereas in developing countries it was 59.2 litres per person. [World Resources Institute](http://www.worldresources.org).
- Atmospheric carbon dioxide levels in November of 1958 were at 313.34 parts per million. In March 2009, levels were at 387.41 parts per million, an increase of over 20%. [Carbonify.com](http://www.carbonify.com)
- Industrialized nations, representing only 20% of the world's population, consume 87 percent of the world's printing and writing papers and global production in the pulp, paper and publishing sector is expected to increase by 77% from 1995 to 2020. The pulp and paper industry is the single largest consumer of water used in industrial activities in OECD countries and is the third greatest industrial greenhouse gas emitter, after the chemical and steel industries. [Co-op America](http://www.co-opamerica.org)
- The average American buys 53 times as many products as someone in China and one American's consumption of resources is equal valent to that of 35 Indians. Over a lifetime, the typical American will create 13 times as much environmental damage as the average Brazilian. [Sierra Club via CNN](http://www.sierraclub.org)
- South Australia is the driest state in the driest continent in the world, yet it's water consumption is 445 litres per day per person (2001/2002) according to [Environment SA](http://www.environment.sa.gov.au). Australia's average per person water consumption was 493 litres per day. In the USA,

average water consumption per person in 2008 was 575 litres daily. China's daily per capita consumption in 2006 was 86 litres according to [Data 360](#)

- The world's annual consumption of plastic materials has increased from around 5 million tonnes in the 1950s to nearly 100 million tonnes today. [WasteOnline](#)
- The USA's electricity consumption per capita is 12,343.098 kWh per year and 71.4 % of that electricity is generated via fossil fuel. Australia's consumption is 10,252.432 kWh per capita, with 90.8 % fossil fuel dependent. German consumption is 6,366.428 kWh per capita with only 61.8 % of that fossil fuel generation dependent. [NationMaster](#)
- Between 2000 and 2005 around 10 million acres of forests were lost per year in South America, which incorporates the mighty Amazon forest. The land is cleared primarily for cattle ranches and soybean plantations. Only 20 - 25% of Brazilian soybeans are used domestically; most is exported overseas for use in food, textiles and increasingly - cattle feed. [Choices Magazine](#) and [Monga Bay](#)
- The food we eat now typically travels between 1,500 and 3,000 miles from farm to our dinner plate (also known as [food miles](#)). The distance had increased by up to 25 percent between 1980 and 2001. [Leopold Center for Sustainable Agriculture](#) at Iowa State University
- To grow a pound of wheat requires around 130 gallons of [virtual water](#). For meat, depending on the type - multiply that by five to ten times. [Water Footprint](#)
- Global coal consumption in 1980 was 4,129.498 million short tons. In 2006, it was 6,743.786 million short tons. Coal consumption is projected to grow at about 2.5% per year over the next 20 years. [US Department of Energy](#)

It's frightening stuff isn't it. Readings statistics like these has certainly helped me stop and think "do I really need this" when shopping and using utilities. It's not just a guilt trip; this also helps save money to go towards things that really matter! Remember that [hyperconsumption](#) can also extend to buying "green". Our thinking is that if something is labelled environmentally friendly, then we can use more of it, but we really need to bear in mind that however earth friendly a product may be, it still requires energy to produce, resources to create and transport to get it to us. Even in the world of green shopping it's still a case of everything in moderation. (First published December 2007, updated March 2009)



[WATERSHED FINANCIAL ASSISTANCE](#)

[PennVEST Infrastructure Loans/Grants - May 18](#)

The Pennsylvania Infrastructure Investment Authority published revised cutoff dates for submitting applications for water, wastewater, stormwater and other project funding: May 18, 2009 for the summer board meeting (TBD). Resource:

<http://www.pennvest.state.pa.us/pennvest/cwp/browse.asp?A=4>

[Foundation For Pennsylvania Watersheds Grants - Aug 21](#)

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

[EJ Small Grants Program](#)

This grant program provides support to communities that work together on local solutions for environmental or public health issues. It assists communities in creating collaborative partnerships. Resource: <http://www.epa.gov/compliance/environmentaljustice/grants/ei-smgrants.html>

[Department of Conservation and Natural Resources Electronic Grants System](#)

The Department of Conservation and Natural Resources provides eGrants, an electronic grants system that contains all available DCNR grants. Applications can be submitted online. For information on the various grants offered by DCNR, please visit the following grant program websites: Community Conservation Partnerships Program (C2P2); Wild Resource Conservation Program; Heritage Area Grants; Volunteer Fire Assistance; and TreeVitalize. Resource: <https://www.grants.dcnr.state.pa.us/index.aspx>

[Small Business Low-Interest Rate Loans](#)

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

[Keystone Historic Preservation Grant Program](#)

This grant is available to nonprofits and local governments for preserving, restoring, and/or rehabilitating historic resources. It is a competitive matching grant with a maximum award of \$100,000. Resource: <http://www.artsnet.org/phmc/grants.htm#clg>

[Conservation Easement Assistance Program](#)

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

[Chesapeake Bay Watershed Initiative](#)

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

Fund for Wild Nature – Nov 1

The fund for Wild Nature provides funding for campaigns focused on saving and restoring native plant species and ecosystems. Next deadline is November 1, 2009. Resource: <http://www.fundwildnature.org/proposal.html>



WATERSHED FACILITATION ASSISTANCE

Green Infrastructure webcast – May 12

Registration is now open for the next Green Infrastructure webcast on May 12th, from 1 to 3pm EDT. This webcast will feature two new topics in the green infrastructure webcast series—site planning and design considerations, and a presentation on the Water Environment Research Federation's (WERF) cost tool. The design and construction presentation, led by Dan Christian from Tetra Tech, Inc., will discuss important considerations for green infrastructure design and construction including engineering to mimic natural functions. The presentation will also discuss design issues such as under drains, overflows, liners, soils and how these and other standard storm water engineering approaches are applied differently with green infrastructure approaches. The WERF cost tool discussion will be led by Lisa Hair, EPA, and Dr. Christine Pomeroy and Dasch Houdeshel, University of Utah. WERF has developed a suite of cost tools to address vegetative roofs, rainwater catchment systems, and bioretention facilities. The speakers will discuss how these tools provide a detailed framework to facilitate cost estimation for capital costs, operation and maintenance costs, and life-cycle net present value. The tools can serve as a format for cost reporting for past, current and future projects, and also provide users with planning-level cost estimates. Register: <http://www.epa.gov/npdes/training>

Maryland Land Trust Alliance Hosts 2009 Land Conservation Conference – May 19

On May 19, the Maryland Land Trust Alliance will host its annual Land Conservation Conference and training workshop for land trusts, at the Patuxent Research Refuge National Wildlife Visitor Center. Learn about GIS mapping tools, conservation easement performance issues, environmental financing and more! Register... <http://www.conservemd.org/conference2009/>.

1st Annual Northeast Sustainable Communities Workshop – Jun 18

The 1st Annual Northeast Sustainable Communities Workshop will focus on brownfields redevelopment and its intersection with sustainability. The exciting and informative topics will include: Multi-stakeholder Initiatives for Sustainable Brownfields Redevelopment Brownfields and Climate Change Communities as Brownfield Developers Regionalism, Smart Growth and Brownfields Sustainable Approaches to Assessment and Remediation to Brownfields Sites Green Development on Brownfields Sustainable Approaches to Restoration of Water Systems Using Brownfields to Create Self-Sufficient Neighborhoods Public / Private Partnerships for Sustainability. It is intended that the workshop will not simply add 'sustainability' to the list of issues related to Brownfields but will look deeply at the interconnections and confluences that make for creating sustainable communities through Brownfields redevelopment. Brownfields are uniquely suited to be a place for sustainable redevelopment to grow. The program for this workshop is intended to be one day of intensive, high energy exchanges between stakeholders sharing varied perspectives on the issues surrounding Brownfields and sustainability. Stakeholder perspectives that include real estate finance, government at all levels, corporations, community representatives, NGOs and consultants who provide a range of technical expertise will participate in interactive sessions that focus on best practices and the challenges to their implementation. The focus will be on problem-solving. REGISTER NOW for the workshop at: <http://www.nscw.net/contact.php>



WATERSHED TECHNICAL ASSISTANCE

As World Warms, Water Levels Dropping In Major Rivers

ScienceDaily (Apr. 22, 2009) — Rivers in some of the world's most populous regions are losing water, according to a comprehensive study of global stream flows. The research, led by scientists at the National Center for Atmospheric Research (NCAR) in Boulder, Colo., suggests that the reduced flows in many cases are associated with climate change, and could potentially threaten future supplies of food and water. The results will be published May 15 in the American Meteorological Society's Journal of Climate. The research was supported by the National Science Foundation (NSF), NCAR's sponsor. The scientists, who examined stream flows from 1948 to 2004, found significant changes in about one-third of the world's largest rivers. Of those, rivers with decreased flow outnumbered those with increased flow by a ratio of about 2.5 to 1. In contrast, the scientists reported greater stream flows over sparsely populated areas near the Arctic Ocean, where snow and ice are rapidly melting. Many factors may affect river discharge, including dams and the diversion of water for agriculture and industry. The researchers found, however, that the reduced flows in many cases appear to be related to global climate change, which is altering precipitation patterns and increasing the rate of evaporation. The results are consistent with previous research by Dai and others showing widespread drying and increased drought over many land areas. The study raises wider ecological and climate concerns. Discharge from the world's great rivers results in deposits of dissolved nutrients and minerals into the oceans. The freshwater flow also affects global ocean circulation patterns, which are driven by changes in salinity and temperature, and which play a vital role in regulating the world's climate. Although the recent changes in freshwater discharge are relatively small and may only have impacts around major river mouths, Dai said the freshwater balance in the global oceans and over land needs to be monitored for long-term changes. Scientists have been uncertain about the impacts of global warming on the world's major rivers. Studies with computer models show that many of the rivers outside the Arctic could lose water because of decreased precipitation in the mid- and lower latitudes, and an increase in evaporation caused by higher temperatures. Earlier, less comprehensive analyses of major rivers had indicated, however, that global stream flow was increasing. The researchers analyzed the flows of 925 of the planet's largest rivers, combining actual measurements with computer-based stream flow models to fill in data gaps. The rivers in the study drain water from every major landmass except Antarctica and Greenland and account for 73 percent of the world's total stream flow. In the United States, the Columbia River's flow declined by about 14 percent during the 1948-2004 study period, largely because of reduced precipitation and higher water usage in the West. The Mississippi River, however, has increased by 22 percent over the same period because of greater precipitation across the Midwest since 1948. Adapted from materials provided by [National Science Foundation](#).

Landmark U.S. Geological Survey Study Demonstrates How Methylmercury, Known to Contaminate Seafood, Originates in the Ocean

(Washington, D.C. – May 1, 2009) A new landmark study published today documents for the first time the process in which increased mercury emissions from human sources across the globe, and in particular from Asia, make their way into the North Pacific Ocean and as a result contaminate tuna and other seafood. Because much of the mercury that enters the North Pacific comes from the atmosphere, scientists have predicted an additional 50 percent increase in mercury in the Pacific by 2050 if mercury emission rates continue as projected. Water sampling cited in the study shows that mercury levels in 2006 were approximately 30 percent higher than those measured in the mid-1990s. This study documents for the first time the formation of methylmercury in the North Pacific Ocean. It shows that methylmercury is produced in mid-depth ocean waters by processes linked to the “ocean rain.” Algae, which are produced in sunlit waters near the surface, die quickly and “rain” downward to greater water depths. At depth, the settling algae are decomposed by bacteria and the interaction of this decomposition process in the presence of mercury results in the formation of methylmercury. Many steps up the food chain later, predators like tuna receive methylmercury from the fish they consume. One unexpected finding from this study is the significance of long-range transport of mercury within the ocean that originates in the western Pacific Ocean, off the coast of Asia. In the United States, about 40 percent of all human exposure to mercury is from tuna harvested in the Pacific Ocean, according to Elsie Sunderland, a coauthor of the study. Methylmercury is a highly toxic form of mercury that rapidly accumulates in the food chain to levels that can cause serious health concerns for those who consume the seafood. Pregnant women who consume mercury can pass on life-long developmental effects to their children. That is why in 2004 EPA and FDA issued the landmark Joint Guidance on the Consumption of Fish specifically targeted towards pregnant women and nursing mothers. Previous studies show that 75 percent of human exposure worldwide to mercury is from the consumption of marine fish and shell fish. Scientists have known for some time that mercury deposited from the atmosphere to freshwater ecosystems can be transformed (methylated) into methylmercury, but identifying the analogous cycles in marine systems has remained elusive. As a result of this study we now know more about how the process which leads to the transformation of mercury into methylmercury. The paper, “Mercury sources, distribution and bioavailability in the North Pacific Ocean—Insights from data and models and information on other USGS mercury research,” is available at: http://toxics.usgs.gov/highlights/pacific_mercury.html

Governors O'Malley and Kaine Announce Increase in Bay Blue Crab Population

Governor Martin O'Malley and Virginia Governor Tim Kaine announced the Chesapeake Bay's adult population of blue crabs has increased substantially over last year, indicating management measures put into place in 2008 to address population declines are working. The results of the most recent bay-wide winter dredge survey estimate the total number of crabs overwintering in the Chesapeake Bay during 2008-2009 has increased from 280 million in 2007-2008 to just over 400 million. Read more... <http://www.dnr.state.md.us/dnrnews/pressrelease2009/041709.html>

Underwater Bay Grasses Increase in 2008

Underwater bay grasses increased by 18 percent in 2008 to cover 76,861 acres throughout the Chesapeake Bay and its tidal rivers, according to data collected by scientists with the Bay Program. This is the fourth largest total amount of bay grasses recorded since surveying began in 1984. Read more... http://www.chesapeakebay.net/news_sav09.aspx?menuitem=35941

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

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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)	7/6/2009

DRAFT TECHNICAL GUIDANCE DOCUMENTS AVAILABLE

As of Monday, April 27, 2009. DIRECTIONS: To access the document, click on the ID number. Note: The draft date will show the most recent draft available. The comment period may have passed but the draft will remain available at this site until the document is finalized.

ID NUMBER	DOCUMENT TITLE	DRAFT DATE	COMMENT BY	CONTACT	PHONE
563-2112-224 PDF File	Certification Guidelines for the Chemical and Physical Properties of Coal Ash Beneficially Used at Mines	4/18/2009	5/18/2009	Keith Brady	(717) 787-5103
563-2112-225 PDF File	Mine Site Approval for the Beneficial Use of Coal Ash	4/18/2009	5/18/2009	Keith Brady	(717) 787-5103