

WAY E-NEWS

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



September 13, 2010

A PUBLIC-PRIVATE PARTNERSHIP

Volume 10, Issue 19

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WATERSHED CONTACTS

COUNTY 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

24-HR EMERGENCIES – (877) 333-1904

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

ENVIRONMENTAL – DEP-SCRO

- General Info 717-705-4700
- Director SCRO 717-705-4704
- Air Quality 717-705-4702
- Energy & Technology 717-705-4703
- Environmental Cleanup 717-705-4705
- Mining (800) 541-2050
- Radiation Protection 717-705-4704
- Waste Management 717-705-4706
- Water Supply Management 717-705-4708
- Water Management 717-705-4707
- Watershed Management 717-705-4704

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

- Illegal dumping on state forest and park lands (877) 772-3673
- Illegal dumping York County 840-7687

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

Updated 8/17/2010

WATERSHED ALLIANCE NEWS

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

<> For information about farmland preservation in York County contact Patty McCandless at pmccandless@york-county.org or call 717-840-7400.

[Carroll Citizens for Sensible Growth - http://carrollcitizens.com/](http://carrollcitizens.com/)

- Sep 30 – Into the Streets – Northern York County Illegal Dump Site Cleanups. Details to be announced.
- <> Contact: Deana Weaver at (717) 432-2211 or admin@carrollcitizens.com

[Codorus Creek Watershed Association - www.codoruscreek.net](http://www.codoruscreek.net)

- Oct 11 – CCWA Meeting of Members and Board, 7:00 pm, at York Water Co. (Mt. Rose Ave.)
- <> Contact: Jim Leaman at 843-2929

[Codorus State Park - www.dcnr.state.pa.gov](http://www.dcnr.state.pa.gov)

[Conewago Canoe Club - www.conewagocanooclub.org](http://www.conewagocanooclub.org)

- Nov. 4 – Club Meeting – Mount Zion United Church of Christ, 7:00 pm, at Ridgewood Road in Pleasureville
 - Red Lion High School Paddling Instruction Schedule online
- <> Questions or comments e-mail me oc1mike@comcast.net, but remember you catch more flies with honey than vinegar.

[Deer Creek Watershed Association - http://deercreekwatershed.com/](http://deercreekwatershed.com/)

- Senator Cardin on Tuesday, September 7 presented a \$400,000 check to Harford County for the Deer Creek Watershed Restoration Action Strategy (WRAS). As you know, Deer Creek is the largest watershed in Harford County and the goal of the WRAS is to protect water quality, conserve fish and wildlife habitat and restore areas found to be impaired. This funding is a FY10 Appropriation that Senator Cardin and the Maryland delegation fought for. This funding will enable Harford County and the Soil Conservation District to implement the WRAS, which was completed in 2017.
- <> Contact Lee McDaniel at ldmcdaniel@aol.com.

[Farm & Natural Lands Trust of York County - www.farmtrust.org](http://www.farmtrust.org)

<> Contact: Sean Kenny at Farm & Natural Lands Trust of York County • 156 North George Street • Suite 300 • York, PA 17401 • Phone (717) 843-4411 • Fax (717) 854-7452 or skenny@farmtrust.org

[Friends of Codorus State Park - www.friends-of-codorus.org/](http://www.friends-of-codorus.org/)

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

[Gifford Pinchot State Park - www.dcnr.state.pa.us/stateparks/parks/giffordpinchot.aspx](http://www.dcnr.state.pa.us/stateparks/parks/giffordpinchot.aspx)

- Event calendar <http://www.dcnr.state.pa.us/Calendar/list.asp>
- <> Contact Elizabeth Kepley, Environmental Education Specialist, DCNR Bureau of State Parks/Gifford Pinchot State Park, 2200 Rosstown Road, Lewisberry, PA 17339. Phone: 717-432-5011

[Greater Hanover Alliance - pwingert@legacycaps.com](mailto: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](http://www.gunpowderfalls.org)

- Join us on Saturday, September 25, from 5pm-8pm for wine from Baltimore County Vineyards such as Boordy Vineyards and beer from local breweries such as Clipper City, delight in some tasty hors d'oeuvres while exploring the beautiful grounds of Camp Puh'tok in Monkton, Maryland. The evening will feature wonderful food provided by the finest restaurants and caterers from the Gunpowder Valley, each highlighting their specialty. Dessert will be served under the stars and full moon.
 - Rain garden installation to be announced
- <> 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](http://www.hornfarmcenter.org)

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

[Izaak Walton League York Chapter #67 - www.yorkchapter67iwla.org/](http://www.yorkchapter67iwla.org/)

- Calendar of events 2010 - www.yorkchapter67iwla.org/id21.html
 - Club Open Meetings are held the Third Tuesday of each month at 7pm in the Clubhouse.
- <> Contact: York Chapter #67 IWLA, 7131 Ironstone Hill Road, Dallastown, PA 17313. Club Grounds Phone: 717-428-2000 *Leave a message for the Committee Contact or Club Officer you are trying to reach. Committee Contacts & Club Officers are listed on the Club Information Page. If no phone or email address is listed contact club grounds phone number.

[Lower Susquehanna Riverkeeper - www.lowersusquehannariverkeeper.org](http://www.lowersusquehannariverkeeper.org)

- We've got some great new updates on our website, including the "Heal the Susquehanna" powerpoint from a presentation I gave to PA DEP Secretary Hanger, PA Department of Agriculture Secretary Redding, and PA DCNR Sec Quigley regarding the decline of the

Susquehanna fishery and lack of enforcement on non-point sources like construction sites and agricultural run-off. I was representing a Bay Leaders' group that includes PA and MD organizations and politicians. <http://bit.ly/LowSusRiver>

- I know this may be confusing for some folks, but we feel very strongly that we must OPPOSE the passage of the Cardin-Inhofe-Specter Chesapeake Bill (S. 1816). While everyone loves the funding that could be authorized in the bill (not actually appropriated), the other aspects of the bill make it impossible for us to support it. Please see our concerns on our website (under the powerpoint) (<http://bit.ly/LowSusRiver>) and in the Baltimore Sun op-ed piece that I co-authored (<http://ow.ly/2uwNK>). If you agree that the changes that this bill makes to the Clean Water Act are unacceptable, write your Senator at <http://www.waterkeeper.org/TakeAction/CardinBillNow>.

<> 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

- Next meeting will be on Mon 20th September, 5:30 pm at the McFaul Center in Bel Air. Primary topics will be the MD Phase I WIP and the upcoming public meetings on the Bay-wide TMDL and the WIP.
- Our closest WIP meeting, which we will co-host with the Patapsco-Back team, is Monday October 4th from 6:30 - 8:30 p.m. in Timonium, with a pre-meeting for elected officials from 5 - 6 p.m.
- Our closest TMDL meeting, hosted by the EPA, is Wednesday October 13th from 2-4 p.m. in Annapolis.

<> Contact: Mike Bilek, Tributary Team Coordinator, MD DNR, Tawes Office Building, Annapolis, MD 21401. Ph: 410-260-8988. E-mail: mbilek@dnr.state.md.us

Mason-Dixon Trail System, Inc. - <http://www.masondixontrail.org/>

<> Contact: James Hooper at 717/252-3784 or j.e.hooper@ieee.org

Mid-Atlantic Ecological Landscapes Partnership [MAEscapes] - www.maescapes.org

- Introduction to Mid-Atlantic Ecological Landscapes September 14, 6:30p.m.—8:00p.m. What is so great about ecological landscapes? This question will quickly be answered as participants are introduced to the goals, principles, and benefits of MAEscapes. Instructors: Linda and Rich Silverman, York County Master Gardeners
 - Landscape Design with Native Plants—Plant Combinations September 28, 6:30p.m.—8:00 p.m. Come and explore how you can effectively combine native plants. The focus will be on using native plants in arranged combinations for various sites and conditions, including shade, sun, dry meadow, wet meadow, and woodland. Emphasis will be placed on using plants typically found growing together in nature. Have a site in your yard in mind? Bring along a photo and description for the “hands-on” part of the class. Instructor: Lauri Danko, Landscape Designer, MAEscapes Partner & Advisory Board Member, & Cumberland County Master Gardener
 - The Influence of Native Plants on our Watershed October 5, 7:00p.m.—8:30 p.m. Join us as we discuss the positive impact of native plants on our local watershed. We will explore the influence of Mid-Atlantic Piedmont Region native plant communities with species adapted to similar soil, moisture, and weather conditions. Some of the widespread communities include oak-hickory-chestnut and beech-maple forests, and freshwater marshes. Additional communities occupied specialized niches, including floodplains, wetlands, and forested areas. Instructor: Gary Peacock, Watershed Specialist for the York County Conservation District & MAEscapes Advisory Board Member
 - Gardening for Wildlife Certification October 19, 6:30p.m.—8:00 p.m. Learn how your yard can become a valuable habitat for insects, birds, and other wildlife. Recognition and certification programs will be included in the exciting program. Instructor: Tom Smith, York County Master Gardener & MAEscapes Advisory Board Member
 - Oct 25 - MAEscapes Advisory Board meeting at ANNEX, 6:30 pm
- <> Contact: 717-840-7408 or Connie Schmotzer at cxs51@psu.edu

Peach Bottom Concerned Citizens Group Inc. - www.pbccg.com

<> Contact Maria Payan by email pbccg@hotmail.com or mail: Peach Bottom Concerned Citizens Group, P.O. Box 307 Delta, PA 17314. PBCCG, Inc is a nonprofit organization supported solely by volunteers and donations.

Prettyboy Watershed Alliance - www.prettyboywatershed.org

- Sunday, October 17, 2010 - Prettyboy Trail Hike (Dogs and older children are welcome) GB - Moderate. 6 miles along the shoreline and hillsides and through forests around Prettyboy Reservoir on the old Prettyboy Trail, walking a loop between George's Creek and the trail's start at Beckleysville Rd. Learn about this isolated trail and its wildlife and pristine drinking water for Baltimore. Meet at 10:00 AM at the Mt. Carmel Rd. Park and Ride just west off I-83 north of the Baltimore Beltway and past the Shawan Rd. exit. For more information, contact Mary at 410-239-4590 (home), 443-386-0862 (cell), or email at XxDiTz4LyFxFX@aol.com.
 - Reservoir Forest Management Study - The project is first being tested on a small scale in order to see if it will result in a healthy and increasingly diverse native forest. Six study sites, comprising a total area of 21 acres, were chosen at Liberty and Prettyboy Watersheds, by foresters from the MD-DNR Forest Service. In each site, trees will be thinned in order to allow more light to reach the forest floor and stimulate new growth. High quality, mature trees will be left in order to provide seed for repopulation.
- <> Contact: Nancy Shaper at nshaper@ihmi.edu

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

- New 2010 Meeting Location! Monthly meetings will be held the last Tuesday of the each month at 6:30 pm in the Community Room at the Giant at 2300 Linglestown Rd, Harrisburg, PA 17110. All members are welcome!
 - 9/25 - Susquehanna River Clean-up
 - 10/24 - Highway Clean-Up
 - Green Drinks - 5:30 pm happy hour on the second Wednesday of every month at a local pub. For Green Drinks locations click [here](#) or on Twitter @HBGGreenIrene, or on [Facebook](#)
 - Inner City Outings (ICO) - find out [more](#) about this great local Sierra Club program
- <> Kim Anderson at sgfornyc@aol.com.

Sputwood Farm Center for Sustainable Living - www.sputwood.com

- You are Cordially Invited to participate in the 6th Annual MEHF – Sunday, Oct 3, 2010 at Sputwood Farm, Glen Rock, PA. (45 minutes from Baltimore, Harrisburg, Lancaster, Gettysburg). A Family FunFilled Celebration. A Showcase of All Aspects of Healthy Living in the Mid-Atlantic Region. An Old-Fashioned Modern Country Fair in its 6th Year. A Coming Together for a Hope-filled Locally-based Future. How to: Fill out an application available online and send to the address above. Fee: FREE for non-profits, others: \$50.
- <> Contact Rob & Lucy Woods at Sputwood Farm at 717-235-6610 or sputwood@comcast.net.

Susquehanna Gateway Heritage Area - <http://www.susquehannaheritage.org/>

- SGHA Lecture Series – We are pleased to kick off our new Susquehanna Heritage Lecture Series at the Zimmerman Center on October 14, 2010 at 6:30pm, with a presentation on Pennsylvania German Gravestones: Art and History in Stone, presented by Michael Emery, Museum Educator, from Landis Valley Museum. The program examines the gravestones of the Pennsylvania Germans as accessible pieces of public art as well as historic markers. This presentation will focus on the sandstone markers of Lancaster, Lebanon, and Berks Counties of the 18th and 19th centuries. This event will take place at our office, the Zimmerman Center for Heritage, located at 1706 Long Level Road, Wrightsville, PA 17368. Light refreshments will be provided. The presentation will conclude with a short walk to the Dritt Cemetery, located behind the Zimmerman Center in Native Lands County Park, to examine the tombstones. Please wear comfortable shoes and bring a flashlight. The cost for this unique presentation is \$10/person in advance or \$15 at the door. Proceeds benefit the operations and programs of the Susquehanna Gateway Heritage Area. Registration can be completed online www.susquehannaheritage.org or by mail.
 - Future lectures include topics such as Native American Petroglyphs in the Susquehanna, The History of Pleasant Garden, and other hands-on workshops.
- <> Contact Mark Platts, Susquehanna Heritage Corporation, 1706 Long Level Road, Wrightsville, PA 17368. Office: 717-252-0229. E-mail: info@lyhr.org.

Susquehanna Greenway Partnership - www.susquehannagreenway.org

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

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

- Welcome to our re-designed web site! We're still working out a few kinks, but we hope you like the new layout! New features should be added soon, and we'd like to hear your suggestions. We're now on Twitter!
 - Oct. 13 – Monthly Chapter Meetings 2nd Wednesday, 7:00 p.m., at Sawmill pavilion (summer)
- <> 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/>

- Pine Run Growing Greener Restoration Project is underway!
 - Felton Stream Restoration Project effectively controlled storm runoff and flooding recently!
 - Sep 15 – Chapter Meeting at [Collinsville Fish & Game](#)
- <> Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

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

- The Watershed Alliance of Adams County holds its board meeting monthly. Board meeting dates have changed to the fourth Tuesday of the month. All board meetings are held at the Adams County Agricultural and Natural Resources Center at 4:30pm unless otherwise specified. The public is invited to attend.
- <> Contact: Michelle Kirk 717-677-4628 or email at: mkirk@adamswatersheds.org

Watershed Alliance of York - www.watershedsyork.org

- Oct. 6 – Meeting of WAY Board of Directors, 7:00 PM, at 324 W. Market St., York, PA.
 - COMMUNITY CLEANUPS – WAY to help coordinate and finance your community's illegal dump cleanup.
 - COMMUNITY EVENTS – Got a community event planned for 2010 that you would like WAY to exhibit its display? Contact us.
 - SPEAKERS BUREAU – Need a speaker for your event? Contact WAY's speakers bureau composed of local experts in watershed-based planning, restoration and planning.
 - WAY E-News – 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 (1,850). Frequency: bi-weekly. Subscription: No charge. Editor: Gary R. Peacock.
 - You can make 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

- 2010 Annual Meeting Notice – What? Annual Membership Meeting – Open to the Public When? Wednesday October 13, 2010 at 7:00 PM (Social hour 6-7 PM) Where? Lower Allen Township Community Park Barn - Lisburn, PA. The annual membership meeting of the YBWA will be held for the purpose of conducting annual business including highlights of activities during the past year, an update on the strategic plan and the election of directors for 2011. Following the business meeting, Paul Schweiger, P.E. of Gannett Fleming Inc. will

give a presentation on SOLUTIONS FOR IMPROVING FISH PASSAGE AND PUBLIC SAFETY AT LOW HEAD DAMS. An informal gathering will be held from 6-7 PM prior to the meeting. Light refreshments will be served.

- In 2009, the YBWA completed a strategic planning process to establish future direction, goals and priorities for the organization. Again this year, the annual meeting is an open call to all members and non-members. YBWA needs your help. Please consider becoming actively involved with YBWA. If you have an interest in the Yellow Breeches, please come to the annual meeting and let it be known. YBWA has a need for new board members and officers, committee members and volunteers to assist with various programs and initiatives. Please join us to learn more about the Association and how you can get involved.

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

York-Adams Regional Smart Growth Coalition - www.yorkadamssmartgrowth.org

<> 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/>

- Monday, September 13 – Terry Neumyer presents “Arizona: Wildlife of Sedona and the Grand Canyon”
- Monday, October 11 – Kevin Fleming presents “Wild Delmarva”
- Saturday, October 30 – Annual YAS Bird Seed Pick-up at Brown’s North in Emigsville.

<> Contact Tom Smith at 717-246-9767 or ts35@psu.edu.

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

- Board meets 2nd Friday, 11:30 a.m. (December-March) and 2nd Thursday, 7:00 p.m. (Apr.-Nov.), at the York County ANNEX
- Rain barrels for sale! Visit our website for more information and prices.

<> Contact: YCCD at 717-840-7430 or yorkccd@yorkccd.org

York County Planning Commission - www.ycpc.org

- Meets 1st Tuesday at 7:30 p.m., except Wed. Nov. 1 at 7:30 and Tues. Dec. 1, 6:00 p.m., at 28 E. Market St., 2nd Floor.

<> Contact YCPC at 717-771-9870 or planner@ycpc.org



WATERSHED EDUCATION & OUTREACH

EPA Announces Public Meetings on Chesapeake Bay ‘Pollution Diet’

(PHILADELPHIA – September 8, 2010) The U.S. Environmental Protection Agency is scheduled to hold 18 public meetings this fall to discuss the draft Chesapeake Bay Total Maximum Daily Load (TMDL) – a strict “pollution diet” to restore local waters and the Chesapeake Bay. The Bay TMDL will set binding limits on nitrogen, phosphorus and sediment pollution throughout the 64,000-square-mile watershed to meet clean water standards for the Bay and its tidal tributaries and help restore local rivers and streams. At the public meetings, EPA officials will outline the draft Bay TMDL and highlight key provisions designed to ensure that by 2025 all practices that are necessary to fully restore the bay are in place, with 60 percent of the actions taken by 2017. EPA will also receive comments and answer questions from the public at the meetings, which are part of an official 45-day public comment period on the draft TMDL ending November 8. In addition, officials from the respective states and D.C. are expected to participate in the meetings to discuss their draft implementation plans to achieve and maintain the necessary pollution reductions. The implementation plans were submitted to EPA last week and are being used to help the agency shape details of the TMDL. The draft Bay TMDL will be issued on Sept. 24. Instructions for submitting formal written comments to EPA will be included on the Bay TMDL web site - <http://www.epa.gov/chesapeakebaytmdl> - and contained in an upcoming Federal Register Notice. A final Bay TMDL will be established by Dec. 31, 2010. The public meetings will be held across the six watershed states, Virginia, Maryland, Pennsylvania, Delaware, West Virginia and New York, and the District of Columbia from late September to early November. One meeting in each state will be accessible online via webinar. The public meetings are scheduled for our area include:

- Lancaster, Pennsylvania, October 18, 2 p.m. – 4 p.m.
- State College, Pennsylvania, October 19, 2 p.m. – 4 p.m.
- Williamsport, Pennsylvania, October 20, 2 p.m. – 4 p.m.* (Meeting also broadcast online via webinar)
- Ashley, Pennsylvania, October 21, 2 p.m. – 4 p.m.

Complete information on the meetings, including venues, directions and webinar registration links, can be found on the Bay TMDL web site. For more information visit <http://www.epa.gov/chesapeakebaytmdl>.

Pennsylvania Submits Draft Chesapeake Bay Watershed Implementation Plan

HARRISBURG – The Pennsylvania Department of Environmental Protection has submitted to the Environmental Protection Agency (EPA) Pennsylvania’s Draft Chesapeake Bay Watershed Implementation Plan (WIP), outlining the state’s plan to address nutrient and sediment loadings that drain to the Chesapeake Bay. Pennsylvania’s draft WIP (Phase 1) was prepared to address the EPA’s expectations for the Chesapeake Bay Total Maximum Daily Load (TMDL), scheduled for publication in December 2010. For Pennsylvania and other headwater states, the TMDL will include an aggregate Wasteload and Load allocation for each of the major basins. For the tidal water states, the TMDL will include individual wasteload allocations for individual NPDES permitted facilities. EPA established a Sept. 1, 2010 deadline for submission of the Draft Phase 1 WIP, and a Nov. 29 deadline for the final plan. The WIP is based on a foundation that addresses three core elements. Those elements are: 1) milestone implementation and tracking; 2) supporting the implementation of advanced technologies and nutrient trading; and 3) enhancing common sense compliance efforts. Pennsylvania made a decision to develop the WIP through an open process that solicited significant input from a variety of constituency groups. Over 125 individuals representing a broad range of organizations and interest

volunteered to participate on workgroups that provided input throughout the development of the document. The hours of effort from these workgroup members demonstrate the commitment of Pennsylvanians to help protect and restore both local waters as well as the Chesapeake Bay. WIP documents are posted to the department's Chesapeake Bay website, http://www.depweb.state.pa.us/portal/server.pt/community/chesapeake_bay_program/10513. The public comment period for the draft WIP will run from Sept. 24 – Nov. 8. For more information, visit www.dep.state.pa.us, Keyword: "Chesapeake Bay."

Getting rid of old medications? Don't flush 'em down the drain!

Do you ever flush your old medications down the drain? You could be polluting our rivers and lakes — and our drinking water — if you do! There are some important reasons to avoid doing this, and there is an easy alternative solution for the disposal of medications. Those that work for a water or wastewater utility are encouraged to share the following information with customers. Sharing this information is another way, in addition to the regular services, to improve the quality of your community's drinking water. The National Community Pharmacists Association rolled out the new "Dispose My Meds" campaign to help consumers find a safe disposal method for their old prescriptions. The campaign reports that 41 million Americans from California to New Jersey are affected by traces of medications in water. These traces include a wide variety of medications including antibiotics, anti-convulsion medication, mood stabilizers and hormones. The campaign's website – disposemy meds.org – will direct you to the nearest participating pharmacy that will take old medications and send them to a safe medical waste disposal site. This process ensures that dangerous chemicals from these medicines won't end up in the water systems. The issue of medicines in Americans' water systems is of growing concern. In the Potomac River, many of the male bass have started producing eggs, and similar situations have been arising across the country. This phenomenon is thought to be caused by a group of compounds known as endocrine disruptors. These compounds are used in medications like birth control, and it is believed that such medications are making their way into the water systems through improper disposal. The Food and Drug Administration reports the body does not absorb 100 percent of the drugs consumed. What's left is passed via bodily excrement. The FDA says that this is another way that that distinguishable amounts of medications end up in our water systems. Additional Resources:

- Dispose My Meds <http://www.disposemy meds.org>
- National Community Pharmacists Association <http://www.ncpanet.org/>

RCAP has partnered with the National Environmental Services Center (NESC) for the "Water We Drink" campaign, which helps small communities make wise choices about what's in their water systems. The campaign offers free articles and educational resources about maintaining safe, sustainable, and secure water supplies in small and rural communities. Visit the campaign's website and take advantage of the resources it offers. An article written for the campaign, "Drugs in our waterways: What can community leaders do to slow the flow?" describes how prescription drugs can contaminate local water systems and provides information on their safe disposal. The article explains that water treatment plants are ill-equipped to handle medications and certain household products, and such products will end up as pollution without proper disposal. The campaign also suggests three methods of disposal that can be completed easily by consumers:

1. Take unused drugs and medications to a community pharmaceutical take-back program, such as the "Dispose My Meds" campaign.
2. Do NOT flush unused portions of drugs and medicines down the toilet, except where the label or instructions indicate to flush.
3. Throw them in the trash, but only after removing them from their original bottle, making them unpalatable by mixing them with wet coffee grounds, glue, or kitty litter, and putting them in a leak-proof container.

If you edit a newsletter, maintain a website, are a leader in a water or wastewater utility, or otherwise have the means to communicate with your utility's customers and residents in your community, the "Water We Drink" campaign has produced ready-to-use content for your publications/communications resources on several topics of concern to small water utilities. The campaign also provides other educational resources that address the topic of pharmaceuticals and personal care products in our waterways. They include a brochure, fact sheets, a PowerPoint presentation and instructor's guide, a reference article, and federal guidelines for properly disposing of prescription drugs. They are designed for small community leaders and decision-makers, water and wastewater board members, and the general public, although many other audiences will find the information useful. These items can be obtained for free on the campaign's website. They are available to download for educational and nonprofit use, such as reprinting in your newsletter or magazine, distributing via email or Internet, or using in training, meetings, or presentations. Additional resources:

- National Environmental Services Center <http://nesc.wvu.edu/>
 - "Water We Drink" campaign <http://www.nesc.wvu.edu:16080/waterwedrink/>
 - "Drugs in our waterways: What can community leaders do to slow the flow?" http://www.nesc.wvu.edu:16080/waterwedrink/articles/drugs_in_water.cfm
- "Water We Drink" articles
<http://www.nesc.wvu.edu:16080/waterwedrink/articles.cfm>

Pa.'s first long-term forest assessment finds sustainable management facing challenges ahead

A first-ever, federally mandated review of Pennsylvania's woodlands shows that the state is blessed with forests that are "sustainable" now, but are faced with a future that is wrought with challenges, State Forester Daniel Devlin announced recently. Some of the concerns Devlin cited include invasive plant and insects; white-tailed deer impacts; forest loss and fragmentation; energy development; and overall forest health and tree diversity. The state forester's comments came with completion of a statewide forest assessment as part of a national effort toward protecting and sustaining healthy forests—an effort Devlin termed "essential steps" to safeguarding Pennsylvania forests for future generations. Read more... <http://www.dcnr.state.pa.us/news/resource/res2010/10-0901-sfassessment.aspx>.

Wetlands: An Overview of Issues. Report by Congressional Research Service

Recent Congresses have considered numerous policy topics that involve wetlands. Many reflect issues of long-standing interest, such as applying federal regulations on private lands, wetland loss rates, and restoration and creation accomplishments. Read more... <http://ncseonline.org/NLE/crs/abstract.cfm?NLEid=1647>.

Water Quality Standards Regulation Consultation

EPA is in the early stages of developing proposed revisions to the Water Quality Standards Regulations. By making these revisions, EPA intends to improve the effectiveness in restoring and maintaining the chemical, physical, and biological integrity of the Nations waters. The

proposed revisions are expected to be published in the Federal Register in summer 2011. Read more...

<http://www.epa.gov/waterscience/standards/rules/wqs/>

America's Great Outdoors Initiative

Please visit our online action center to help Interior Secretary Salazar develop President Obama's America's Great Outdoors Initiative by urging him to adopt TU's protect-reconnect-restore-sustain conservation strategy and to recommend key TU projects to be supported by the initiative. WHY WE CARE? President Obama has asked Interior Secretary Salazar to help lead the development of a plan to carry out America's Great Outdoors Initiative. Intended to create a "21st century conservation and recreation agenda" to help "reconnect all Americans with the outdoors," the President's goals include protecting and restoring special places (lands and waters); featuring local partnerships to do the job; helping working lands (farms and ranches); and encouraging kids and families spend more time outdoors. These goals are very similar to TU's conservation strategy. This initiative provides us with a great opportunity for the President, Secretary Salazar and others in the administration to adopt TU's conservation strategy and implement several of TU's high-value conservation projects. WHAT YOU CAN DO!

- Visit our online action center today and use the model letter you will find there as a basis for your personal letter or email which can be sent to the Department of the Interior's America's Great Outdoors website.
http://takeaction.tu.org/c.n.tUSJ8MPIqE/b.6211105/k.4C7E/Americas_Great_Outdoors_Initiative/siteapps/advocacy/ActionItem.aspx?uid=6898911
- Please visit the America's Great Outdoors website to learn more about the initiative.
<http://www.doi.gov/americasgreatoutdoors/?tr=y&auid=6898912>

October and November are great months to host a National River Cleanup™.

Low vegetation exposes more trash, the weather is just the right temperature, and volunteers are back into normal routines of school and work. Starting now, there is plenty of time to plan a cleanup and American Rivers can help! Our National River Cleanup™ program is your resource to free trash bags and the [Organizer's Handbook](#). [Register your cleanup](#) with American Rivers at least four weeks in advance to receive all your supplies in time. Your hard work and dedication is what makes the National River Cleanup™ a success. Thank you for caring for your local river. <http://www.americanrivers.org/our-work/restoring-rivers/national-river-cleanup/>

Proposed ban would help stop "rock snot" from spreading in Maryland waterways

Ellicott City - Jonathan McKnight is with Maryland's Department of Natural Resources and deals a lot with invasive species. He is concerned about algae called Didymo. It got that descriptive name by how it covers the rocks on the bottom of streams and can spread from bank to bank once it takes over. Didymo is more prevalent in higher elevations of North America and morphed into more aggressive algae, spreading from British Columbia to the East Coast. The people who love the water the most might be the cause of the problem. Some fishermen like to use felt bottom shoes because they won't slide on slippery rocks. There are other alternatives to the felt bottom. The felt is the real culprit since the algae can survive for weeks on damp felt. That is why Maryland is trying to ban felt boots or waders in the state. Alaska and Vermont have already approved bans. The Department of Natural Resources doesn't want you to stop fishing, they just want you to fish smarter. Fishermen are part of the problem but they can be a big part of the solution too.

RAVE Photographic Expedition Moves Thru PA, Chesapeake Bay Watershed

A team of nationally and internationally known photographers from the International League of Conservation Photographers has donated its time to help the Chesapeake Bay Foundation fight to reduce pollution in local rivers, streams, and the Chesapeake Bay. One of the stops along the way was the Old Forge acid mine drainage borehole which discharges 50-80 million gallons per day directly into the Lackawanna River, a major tributary to the Susquehanna River. Click here to read about this and other scenes photographed by the Expedition <http://cbf.typepad.com/>.

Registrations For 2011 Rivers Conservation Youth Camp Now Being Accepted

The Pennsylvania Council of Trout Unlimited in conjunction with the Rivers Conservation and Fly Fishing Youth Camp has announced a [Rivers Conservation Camp](#) to be held March 20 - 23, 2011 for persons 21 years of age and older. The camp will be held at Allenberry Resort in Boiling Springs, Pa. The camp will teach the science behind Trout Unlimited initiatives and fishing and as well as providing a hands-on learning experience that ties fly fishing to science and vice versa. Based on the model used for the Rivers Conservation and Fly Fishing Youth Camp the camp will include topics such as geology, aquatic entomology, wetlands, riparian buffers, the biology of pollution, stream habitat and the politics of water. In addition there will be classes on stream etiquette, fly tying, bugs and their imitations and a round table discussion on trout and fisheries science. Space has been allotted to include discussion on conservation topics or relevance. A substantial amount of time has been set aside to allow the attendees to fish in the world famous Yellow Breeches Creek as well as other special regulation trout waters in the area. The cost per student is still being developed. Applications will be accepted on a first come - first served basis. For further information or to be placed on the mailing list please contact Michael Klimkos by sending email to: klimkos@embarqmail.com or calling 717-243-3056.

Youth - A Key Audience for Water Resource Education

A new program designed to promote water stewardship in youth is introduced in one of the showcase watersheds. When it comes to water resource education, great efforts are made every day reaching out to homeowners, landowners, municipalities, developers, and more. However, there is another important audience that is sometimes overlooked, and that is youth. Laying the foundation for understanding water issues is vital to the future of our limited water resources, whether through school curriculum, 4-H clubs, scouting, summer camps, or individual experiences. When very young children are aware of their personal water use and start simple conservation habits, such as shutting water off while brushing teeth, it can lead to lifelong water saving behaviors. As youth get older, learning about the properties of water, the water cycle, and how water moves in a watershed can help them to realize the impacts that their daily behaviors have on local water resources. In addition to planting the seeds for the great future stewards of our water resources, youth water education also engages children in Science, Engineering and Technology (SET) topics. The National 4-H Program has stated that "The United States is falling dangerously behind other nations in developing its future workforce of scientists, engineers, and technology experts. America now faces a future of intense global competition with a startling shortage of scientists." Engaging youth in SET education is a fundamental way to foster their enthusiasm for

science and to nurture future decisions about science education and careers. With all of these great benefits, why not consider taking on water education with youth in your community? The Pennsylvania 4-H program has a superb series of hands-on water activity guides available to 4-H club members, school classrooms, special interest groups, and more. Penn State Cooperative Extension and PA 4-H are also currently piloting the brand new Commonwealth Stream Teams program in the Conewago Creek Watershed (Dauphin, Lebanon, and Lancaster counties). To obtain more information about 4-H water projects available in your area, contact your county Cooperative Extension Office (PA residents can find their office here - <http://extension.psu.edu/counties>). For more information about the Commonwealth Stream Teams program in the Conewago Creek Watershed, contact Jennifer Fetter at (717) 921-8803 or jrf21@psu.edu



WATERSHED FINANCIAL ASSISTANCE

Pennsylvania Game Commission Wildlife Grants Available – Sep 24

The Pennsylvania Game Commission is accepting applications for the State Wildlife Grants Program until Sept. 24. These projects will help address conservation needs for endangered, threatened and at-risk species across the state. Nature conservancies, colleges and universities, and conservation organizations are invited to apply. For more information: PA GC – State Wildlife Grants Program at http://www.portal.state.pa.us/portal/server.pt/community/wildlife/9109/state_wildlife_grants?qid=50420561&rank=7

Applications For NOAA Chesapeake Bay Watershed Education Grants – Oct 15

The NOAA Chesapeake Bay Office is now accepting applications for B-WET– Bay Watershed Education and Training Grants– until October 15. B-WET funds high-quality K-12 environmental education programs, fosters the growth of new, innovative programs, and encourages capacity building and partnership development for environmental education programs throughout the watershed. For the formal notice and more information, visit the NOAA Chesapeake Bay Office webpage at <http://chesapeakebay.noaa.gov/education-hot-topics/b-wet-fy11-funding-opportunity>.

National Sea Grant Law Center Accepting Project Proposals – Nov 19

The National Sea Grant Law Center is accepting proposals for one-year, legal research and outreach projects addressing coastal and marine issues. Approximately \$295,000 in federal funds is expected for 2011. A funding request of \$25,000 per project is suggested. Matching funds (cash or in-kind) equivalent to 50% of the federal funds are required. Letters of intent must be received by 5 p.m. Central Time on Friday, September 13, 2010. Full proposals must be received by 5 p.m. Central Time on Friday, November 19, 2010. Resource: <http://nsglc.olemiss.edu/SGLC%202011%20RFP.pdf>

Charles Stewart Mott Foundation Environment Grants – Dec 31

The Mott Foundation accepts grant proposals year-round, but applications received September 1 through December 31 are considered for the following calendar year. Grants include "conservation of freshwater ecosystems," Great Lakes protection efforts, and special environmental initiatives identified by the Mott Foundation. Resource: <http://www.mott.org/about/programs/environment.aspx>.



WATERSHED FACILITATION ASSISTANCE

WATERSHED WEEKENDS – DOING OUR PART TO RESTORE CHESAPEAKE BAY WATERSHEDS

The Watershed Alliance of York and its member groups is sponsoring its annual Watershed Weekends starting September 11 through October 5. Watershed Weekends venues are indoors and outdoors fun for the whole family! Use our convenient [Watershed Weekends Guide](http://www.watershedsyork.org/events.html) (<http://www.watershedsyork.org/events.html>) to locate your watershed and venue nearest you. Guides will also be available to the public at local libraries, municipal offices, York County ANNEX, and from venue sponsors. The Watershed Alliance of York is doing our part to help protect and restore the Chesapeake Bay Watershed. The Chesapeake Bay is a national treasure constituting the largest estuary in the United States and one of the largest and most biologically productive estuaries in the world. Restoration of the health of the Chesapeake Bay will require a renewed commitment to controlling pollution from all sources as well as protecting and restoring habitat and living resources, conserving lands, and improving management of natural resources, all of which contribute to improved water quality and ecosystem health. Come out and get to know your watershed and the people and organizations working hard to restore and protect it. Watershed Weekends 2010 features 24 public venues. Venues include a variety of hands-on conservation, environmental education, and stewardship activities, in York County's Watersheds. For information, visit the Watershed Weekends 2010 webpage at <http://www.watershedsyork.org/events.html> or contact Gary R. Peacock at 717-840-7430. Below, is a listing of this years venues to chose from:

1. MAEscapes Open House & Native Plant Sale

Sep. 11, 9:00 am – 1:00 pm, Featuring a wide variety of native trees, shrubs, perennials, grasses and ferns for the home garden. Also shop our tool, book and stepping stone area. Attend special presentations on native plants throughout the morning. Sponsor: MAE-scapes

2. Tree Vitalize Workshop for Landowners

Sep. 11, 9:00 am – 12:00 pm. This FREE workshop is designed for watershed groups, schools, municipal leaders and other interested groups to learn the basics in planning and implementing a riparian forest buffer in their local watershed. Also included in the workshop will be information on preservation and protection and an update on the latest state guidelines on riparian forest buffers. Sponsor: Alliance for the Chesapeake Bay

3. Introduction to Mid-Atlantic Ecological Landscapes

Sep. 14, 6:30 – 9:00 pm. What is so great about ecological landscapes? This question will quickly be answered as participants are introduced to the goals, principles and benefits of MAEscapes. Registration required. Fee \$7 per person/class or \$25 per person/class series. Sponsor: MAE-scapes

4. New Freedom Fest

- Sep. 18, 10:00 am to 5:00 pm. New Freedom Fest is an old-time “festival of small town life”. It includes music, arts and crafts, animals, food, games, dunking booths, and a pie eating contest and more – all centered in the beautiful and historic town of New Freedom, Pennsylvania. Local non-profit organizations such as the public library, watershed associations and the Audubon Society are invited to exhibit as well. Sponsor: New Freedom Heritage
5. **2nd We Love Clean Air & Water in East Berlin**
Sep. 18, 10:00 am – 2:00 pm. A proactive community cleanup project, picnic and music. Sponsor: East Berlin Citizens Group
 6. **Pawpaw Tasting & Slow Food Gathering**
Sep. 18 & 19, 12:00 – 4:30 pm. Sample foods prepared using the native Pawpaw. Sample five different Pawpaw varieties. Learn about the benefits of the Pawpaw (*Asimina triloba*). Fee \$5.00 per person. Sponsor: The Gardener of Owl Valley Native Plant Shop
 7. **Art at the Mill**
Sep. 25, 10:00 am – 4:30 pm. Come to Wallace Cross Mill, in North Hopewell Township to observe and ask questions of local artists working on site in watercolor, acrylic and oils or bring easels or sketchpads to capture the picturesque, streamside setting and intriguing architecture and machinery of the mill. Tour this water powered grist mill with volunteer docents. No fee. No preregistration required. Sponsor: York County Parks & Recreation
 8. **Brunner Island Conewago Boat Ramp & Hibiscus Area Cleanup**
Sep. 25, 9:00 am – 12:00 pm. When waters rise, debris is deposited on the shorelines. Volunteers are needed to remove unwanted trash. Trash bin, bags and gloves, snacks/refreshments will be provided. Volunteers of all ages, no registration required. Sponsor: PPL
 9. **Sporting Clays Fundraiser Benefiting the York County Envirothon**
Sep. 25, 8:00 am – 12:00 pm, Please join us with our York County Legislators for a hearty breakfast and sporting clays shoot benefiting the York County Envirothon, at the Starview Sportsmen’s Association. Space limited. Fee \$50. Door prizes, raffle, trophies, and more. Student discount. Sponsor: York County Conservation District
 10. **Piedmont Center for Environmental Stewardship Open House**
Sept. 25, 2010; 10:00 a.m. to 3:00 p.m. Self-guided and organized tours of our grounds planted with native plants to host native pollinators and other beneficial insects. Opportunity to purchase native plants from our nursery! Sponsor: Sylva Native Plant Nursery
 11. **Muddy Creek Trout Unlimited Nursery Open House**
Sep. 25., 11:00 am – 4:00 pm. Self-guided and organized tours of our PF&BC Co-operative Nursery grounds. Opportunity to meet our members and learn more about MCTU’s conservation, education and stewardship projects and programs. Sponsor: MCTU
 12. **Medication Collection & Disposal Event**
Sep. 25, 10:00 am – 2:00 pm. Bring your unwanted or expired prescription and over-the-counter medications in their original containers, to the GIANT Pharmacy in Hanover (633-7292). All medications will be disposed of in an environmentally-friendly manner. DO NOT FLUSH DRUGS! Sponsor: The Awareness Group of Hanover
 13. **Codorus Creek Illegal Dump Site Cleanup**
DATE CHANGE: Oct. 2, 9:00 am – 12:00 pm. CCWA teaming up with the York County Solid Waste Authority and PA CleanWays to keep Pennsylvania Beautiful cleaning up an illegal dump site in the Codorus Creek Watershed, in the vicinity of the Rt 30 bridge. Meet at YCSWA Center 2700 Blackbridge Rd., then transported to site. Sponsors: Codorus Creek Watershed Association & York County Solid Waste Authority
 14. **Soils Beneath Your Feet Hike**
Sep. 26, 2:30 – 4:30 pm. Come to Nixon Park Nature Center and learn how soils are formed, their importance and what types of soils are found in the park. Program Coordinator Jeri Jones will have participants drill into the ground to produce various soil profiles. Ages 12 and up. No fee. No preregistration. Spnsor: York County Parks & Recreation
 15. **Pontoon Boat Tour of Pinchot Lake**
Sep. 26, 10:30 am and 1:30 pm. Come out and discover the beauty and history of Pinchot Park! Enjoy a 1.5 hour educational tour of our lake, where you will learn a little about the history of Pinchot Park, and discover the different types of critters that call our park and watershed home. For ages 6 and up; children must be accompanied by an adult. Life vests will be provided and must be worn. Cameras and binoculars recommended – you never know what we might see! Sponsor: Gifford Pinchot State Park, DCNR
 16. **Good Housekeeping & Pollution Prevention Workshop for Municipal Officials & Employees**
Sep. 28, 10:00 am and 1:00 pm. Learn good housekeeping techniques for municipal operations and stormwater pollution prevention ideas for Municipal Employees and Officials. Workshop will be held at the York County Emergency Management Center, Pleasant Acres Road. Enrollment restricted to local municipal officials and employees. Morning session is geared to local officials and afternoon session is geared to municipal employees. Sponsor: WAY & C.S. Davidson Inc.
 17. **Landscape Design with Native Plants Class**
Sep. 28, 6:30 – 8:00 pm. Come and explore how you can effectively combine native plants into your home’s landscape. The focus will be on using native plants in arranged combinations for various sites and conditions. Bring along a photo and description of your yard for the “hands-on” part of the class. Registration required. Fee \$7 per person/class or \$25 per person/class series. Sponsor: MAE-scapes
 18. **Berky Road Illegal Dump Site Cleanup**
Sep. 30, 2010; 10:00 a.m. to 2:00 p.m. Citizen volunteers partnering with PA Cleanways and WAY to keep Pennsylvania Beautiful cleaning up illegal dump site. Sponsor: Carroll Citizens for Sensible Growth
 19. **2nd Annual Downtown Hoedown FNLTL Fundraiser**
Sep. 30, 2010; 5:30 pm Mark your calendars for Thursday, September 30, 2010 for the 2nd Annual Downtown Hoedown benefitting land preservation efforts of Farm & Natural Lands Trust of York County. The event will once again take place at the Agricultural & Industrial Museum, a perfect setting for a late September evening out. Festivities begin at 5:30 PM with complimentary beer and wine, also featuring a wonderful picnic spread catered by Artistic Foods Catering. All evening long enjoy our roving folk-bluegrass friends “Waitin On A Train”, who will provide a soundtrack to make the night complete. . Location: Agricultural & Industrial Museum , 217 W Princess St., York PA. Sponsor: Farm & Natural Lands Trust of York County
 20. **Your Water, Your Decision**
Sep. 30, 2010; 5:30-6:30 p.m. Planning land use at the watershed level protects sources of drinking water by conserving and protecting land where development would harm source water. Guidelines for community leaders and citizens committed to safe drinking water will

be presented. Location: L. Windsor Twp. Municipal Building, 2425 Craley Rd., Wrightsville PA. Sponsor: Lower Windsor Twp. & Red Lion Municipal Authority

21. Wizard Ranch "Environmental Science" Safari

Oct. 2, 2010; 9:00 a.m. to 3:00 p.m. Scouts investigate the concepts of environmental science, and learn the important environmental interrelationships while working towards the Environmental Science Merit Badge. Location: Wizard Ranch. Sponsor: New Birth of Freedom Council – BSA & WAY

22. 6th Mother Earth Harvest Fair

Oct. 3, 2010; 10:00 a.m. to 6:00 p.m. A celebration of sustainable, balanced, and healthy living in the Chesapeake Bioregion. Location: 4255 Pierceville Rd, Glen Rock, PA. spoutwood Farm CSA

23. Influence of Native Plants on Our Watershed Class

Oct. 5, 2010; 7:00-8:30 p.m. Join us as we discuss the positive impact of native plants on our local watershed. We will explore the influence of Mid-Atlantic Piedmont Region native plant communities with species adapted to similar soil, moisture, and weather conditions. Some of the widespread communities include oak-hickory-chestnut and beech-maple forests, and freshwater marshes. Additional communities occupied specialized niches, including floodplains, wetlands, and forested areas. Registration required. Fee \$7 per person/class or \$25 per person/class series. Location: York County ANNEX, 112 Pleasant Acres Rd., York. Sponsor: MAE-scapes

24. Adams-York Smart Growth Town Meetings

Schedule:

- ⇒ Sept. 21, South West Region, Penn Township Building, 20 Wayne Ave., Hanover
 - ⇒ Sept. 22, Greater York Region, Realtors Association of York and Adams Counties, 901 Smile Way, York
 - ⇒ Sept. 28, South East Region, Airville Fire Hall, 3576 Delta Road, Airville
 - ⇒ Sept. 29, Northern Region, Fairview Township Fire Station, 340 Lewisberry Road, New Cumberland
 - ⇒ Sept. 30, South Central Region, Springfield Township Building, 9211 Susquehanna Trail, Seven Valleys
- Sponsor: York-Adams Regional Smart Growth Coalition

Watershed Academy Webcast: "A Watershed Dialogue: How Can We Build the Capacity and Effectiveness of Watershed Groups?" – Sep 15

On Wednesday, September 15, 2010, from 1 to 3 PM EDT, the U.S. Environmental Protection Agency will feature "A Watershed Dialogue: How Can We Build the Capacity and Effectiveness of Watershed Groups?" This webcast will feature an exchange of ideas on supporting local stakeholder efforts to protect and restore watersheds. Dialogue panelists include Don Waye from EPA, Wendy Wilson from River Network, Hye Yeong Kwon from Center for Watershed Protection, Christine Olsenius from Southeast Watershed Forum, and Glynnis Collins from Illinois' Prairie Rivers Network. Each will discuss how EPA and other organizations are addressing the needs of watershed groups by providing technical tools and support to the local level and what more could be done. This is an opportunity for watershed groups and anyone involved in water protection and restoration efforts to share their views on how we can improve our collective effectiveness. To register for this webcast, visit: www.epa.gov/watershedwebcasts.

South Mountain Speakers Series Highlights Forests, Land Use In Chesapeake Bay Watershed – Sep 16

Learn about the unique role that the [South Mountain landscape](#) plays in the Chesapeake Bay watershed during the next South Mountain Speakers Series on September 16, from 6 to 9 p.m. at Harrisburg Area Community College's Wildwood Conference Center in Harrisburg. The event, entitled, "From Mountain to Sea: The Chesapeake Bay," is free and open to the public. It will start with an informational fair at 6 p.m. on current activities and work being done throughout the mid-state on the Chesapeake Bay. At 7 p.m., Dr. Claire Jantz, associate professor of geography from the Geography and Earth Science Department at Shippensburg University, will discuss the relationships and impacts of local land use and human activity on the Chesapeake Bay ecosystem. The Bay is both the largest and historically most productive estuary in the U.S., and Professor Jantz will discuss how sustainable development and smart growth strategies can help restore the bay's health and productivity. After the lecture, a panel including Dr. Jantz; Harry Campbell, science advocate at the [Chesapeake Bay Foundation](#); and Donna Morelli, Pennsylvania director at the Alliance for the Chesapeake Bay, will discuss contemporary environmental issues facing the bay and respond to questions from the audience. The South Mountain Speakers Series is organized in the spirit of the Michaux Lectures, a series of talks given by Joseph Rothrock as part of his work to restore Pennsylvania's forests during the late 19th century. The series is led by the South Mountain Partnership, which is a unified group of private citizens, businesses, not-for-profit organizations and government representatives in Adams, Cumberland, Franklin and York counties. The partnership works to advance agricultural, forest and freshwater conservation by encouraging best-management practices in agriculture and forestry, and supporting land and watershed conservation. The South Mountain Partnership, the Department of Conservation and Natural Resources, the Nature Conservancy and Harrisburg Area Community College are sponsoring this event.

Peoples' Stormwater Infiltration-Retrofit Workshop & Field Visit – Sep 25

Where & When? Community Center of Giant Super Food Store, 2300 Linglestown Road, 8:30 am-Noon in Susquehanna Township. Why? Two (of 5) strategies to fix dysfunctional watersheds, create gardens, reduce runoff, and remove or avoid pollutants, while spending MUCH less \$ to meet TMDL (pollution) requirements include (1) local precipitation infiltration, & (2) retrofit of existing stormwater controls and imperviousness. These actions also lead to neighborhood greening, increased access to nature & wildlife, enhanced recreational opportunities, decreased erosion and sedimentation, replenished well waters, higher stream base flows, reduced & less frequent floods downstream, etc, ETC. Most training doesn't get around to the details of fixing things ... this session does! How? This workshop & field trip include—2 brief background talks (50 minutes total) About an hour of practical, hands-on answers to questions on planning, design, & implementation from experienced professionals Illustration of workshop principles and considerations through a visit to nearby sites having retrofit potential, and/or undergoing implementation. Register: www.PaxtonCreek.org or Tel. 717-545-1336 or Email: dccedb@verizon.net.

Become a Land Ethic Leader! – Nov. 13-14

Become a part of our new initiative called the [Land Ethic Leaders](#) program! We hope you'll join us to learn to help your communities think about complex and changing environmental issues and learn new ways to discuss our collective values and vision. The two-day Land Ethic Leaders training, held at the Leopold Center in Baraboo, Wisconsin, brings together community leaders from across the country to learn how

to lead reflective discussions about our individual and collective values and the critical environmental issues of our time and, more deeply, the relationship between our human communities and what Leopold termed "the land community." The training will focus on developing facilitation skills for leading conversations based in literature and other media. Participants will learn how they can pair these discussions with outdoor observation exercises and work projects to engage their communities in new ways. They will also talk about how they can use our upcoming documentary film, Green Fire, to reach new audiences. Our second workshop, to be held at the end of this week, is currently full, but you can [register](#) for the next session, November 13-14, today! We also have a limited number of scholarships for high school and college students to attend; if you are interested in learning more, please [contact us](#) at 608.355.0279. <https://www.aldoleopold.org/greenfire/lel.html>



WATERSHED TECHNICAL ASSISTANCE

The Importance of Conservation Planning

Conservation planning is becoming very important in our community. As the number of natural resource concerns in the area keeps growing, the need for conservation planning is on the rise. Conservation Plans are a voluntary set of science based decisions made by producers to address natural resource concerns such as soil, water, plants, animals and air. Of these resource concerns, a major concern for land users is soil erosion. Scientists say that, "approximately six pounds of soil are lost in the United States for every pound of food eaten. The average person eats about 2,000 pounds of food per year, which means approximately 1.68 billion tons of soil are lost in the United States annually, just through typical eating habits²¹"(Smith, Zachary A. 2009). Soil is a valuable resource, so in order to keep that resource abundant and available for years to come, we need to implement Best Management Practices (BMP's). A conservation plan is created to document and plan BMP's on farmland which comply with Pennsylvania's Erosion and Sediment Laws. This requires farms to meet a soil loss no greater than the tolerable (T) level which is an average of 3 tons/acre/year. Without the use of BMP's to control soil erosion, the soil resources will deteriorate over time and crop production will decline. A conservation plan is developed through an interview and field visit process conducted between a conservation planner and the farm operator. During this process, the planner will create a location map, a plan map, and a soils map to help farm operators visualize the installation of the planned BMP's. The planner will also discuss ways to make the operation run more efficiently. This action may save resources as well as provide for cost savings and increases in production. The plan also includes narratives explaining each practice and the standards that are necessary to meet the conservation goals. The plan is flexible and may be modified to incorporate changes over time. While many of Pennsylvania's land users have already installed many BMP's such as strip-cropping, contour farming, buffers, cropping rotations, cover crops and conservation tillage, there remains a large percentage of acreage not covered under a conservation plan and therefore not protected by the necessary BMP's. The Natural Resources Conservation Service (NRCS) is a federal USDA agency which provides free conservation planning assistance as well as various funding sources for the installation of BMP's. The NRCS is dedicated to providing timely planning assistance and looks forward to working with local producers. Contact the York County NRCS office today at (717) 755-2966.

Fertilizer Chemicals Linked to Animal Developmental Woes

ScienceDaily (Aug. 28, 2010) – Fertilizer chemicals may pose a bigger hazard to the environment – specifically to creatures that live in water – than originally foreseen, according to new research from North Carolina State University toxicologists. In a study published in the Aug. 27 edition of PLoS ONE, the NC State researchers show that water fleas take up nitrates and nitrites – common chemicals used primarily in agriculture as fertilizers – and convert those chemicals into nitric oxide. Nitric oxide can be toxic to many organisms. The study shows that water fleas introduced to fertilizer chemicals in water were plagued with developmental and reproductive problems consistent with nitric oxide toxicity, even at what would be considered low concentrations. This raises questions about the effect these chemicals may have on other organisms. There's only limited evidence to suggest that animals could convert nitrates and nitrites to nitric oxide, although plants can. Since animals and plants don't have the same cellular machinery for this conversion, it appears animals use different machinery for this conversion to occur. Nitrite concentrations in water vary across the United States, but commonly fall within 1 to 2 milligrams per liter of water," he says. "We saw negative effects to water fleas at approximately 0.3 milligrams per liter of water. Harmful effects of nitric oxide included developmental delay – water flea babies were born on schedule but were underdeveloped; some lacked appendages important for swimming, for instance. Researchers now plans to identify the mechanism behind nitric oxide's toxic effects; evaluate the relationship between nitrite and nitrate concentrations in the environment and developmental toxicity; and consider possible risks to humans. It's not possible to eliminate nitrates and nitrites from our lives – they do wonders in agricultural crop production, but we can take measures to ensure that the benefits of these chemicals outweigh their risks by keeping them out of surface waters. The research was funded by the Environmental Protection Agency and the National Science Foundation. The Department of Environmental and Molecular Toxicology is part of the university's College of Agriculture and Life Sciences.

Shallow Water Habitats Important for Young Salmon and Trout

ScienceDaily (Aug. 31, 2010) – Research carried out at the University of Gothenburg shows that competition from older fish causes young salmon and trout to seek refuge in shallow water. Preserving such habitats may, therefore, be important for the survival of the young fish. Using field studies in watercourses north of Gothenburg and laboratory experiments in Denmark and Scotland, scientist Rasmus Kaspersson at the Department of Zoology, University of Gothenburg, has studied the competition between different age groups of Atlantic salmon and brown trout. It has previously been believed that poor swimming ability forces young salmon and trout to remain in shallow habitats where the water flows at a lower velocity. Rasmus Kaspersson's work, however, shows that it is rather competition for habitats from the older fish that compels young fish to use shallow water. Rasmus Kaspersson's experiments show that young-of-the-year move to deeper parts of the watercourse as soon as the number of older individuals is reduced. In the natural world, however, older and younger individuals are both present, and shallow habitats then function as refuge for the younger fish. The weight and length of young-of-the-year increased when older individuals were removed from parts of the watercourses studied. Thus it seems that the population of older salmon and trout in a watercourse affects indirectly the number of young-of-the-year that reach adulthood. More protected habitats required The results presented in Rasmus Kaspersson's thesis show how important it is to preserve and restore shallow parts of Swedish watercourses with low-velocity flow. This will provide more protected habitats for the young fish.

Many Urban Streams Harmful to Aquatic Life Following Winter Pavement Deicing

ScienceDaily (Sep. 4, 2010) – The use of salt to deice pavement can leave urban streams toxic to aquatic life, according to a new U.S. Geological Survey study on the influence of winter runoff in northern U.S. cities, with a special focus on eastern Wisconsin and Milwaukee. More than half of the Milwaukee streams included in this study had samples that were toxic during winter deicing. In eastern and southern Wisconsin, all streams studied had potentially toxic chloride concentrations during winter, with lingering effects into the summer at some streams. Nationally, samples from fifty-five percent of streams studied in 13 northern cities were potentially toxic; twenty-five percent of the streams had samples that exceeded acute water quality criteria. Toxicity was measured by direct testing of organisms in samples during the local study component; in the regional and the national study components, observed chloride levels were used to assess potential toxicity. Key Findings: Nationally, during the winter, samples from fifty-five percent of northern streams in this study had chloride levels that exceeded USEPA chronic water-quality criteria, indicating potential toxicity. Samples from twenty-five percent of the streams exceeded acute water-quality criteria. Other major sources of salt to U.S. waters include wastewater treatment, septic systems, farming operations, and natural sources from geologic deposits. These sources may contribute to chloride levels at individual streams in this study, but the geographic, land-use, and seasonal patterns observed in this study suggest deicing activities as the dominant source. This conclusion is also supported by a USGS study published in 2009 on chloride in groundwater and surface water in the northern U.S.

Treating Contaminants of Emerging Concern: A Literature Review

EPA has published the results of an extensive review of the recent literature on wastewater treatment technologies and their ability to remove a number of chemical contaminants of emerging concern (CECs). Read report... <http://water.epa.gov/scitech/swguidance/ppcp/results.cfm>.

Report Predicts Counties Experiencing Future Water Shortages

Climate changes will have a significant impact on the sustainability of water supplies in the coming decades. A new analysis examined the effects of global warming on water supply and demand in the contiguous United States. The study found that more than 1,100 counties (one-third of all counties in the lower 48) will face higher risks of water shortages by midcentury as the result of global warming. York County's water supply sustainability 2050 risk is considered moderate while Lancaster County's is high. Read report...

<http://www.nrdc.org/globalWarming/watersustainability/>

DEP Regulation & Technical Guidance Update

- The final Chapter 102 regulations were published in the PA Bulletin on August 21, 2010. The effective date of the regulation will be November 19, 2010. You can get a copy of the regulation at the following address: http://www.pabulletin.com/secure/data/vol40/40-34/40_34_p3.pdf. The regulations start on page 25 (4885) of the document.
- On August 19, 2010, the Independent Regulatory Review Commission (IRRC) approved the following:
 - Outdoor Wood-Fired Boilers regulation.
 - Water Quality Standards Implementation regulation.
 - National Pollutant Discharge Elimination System Permitting, Monitoring and Compliance.
- The Manure Management Manual—Land Application of Manure Technical Guidance was published in the PA Bulletin, for public comment, on August 14, 2010. You can find the link here <http://www.pabulletin.com/secure/data/vol40/40-33/1489.html> (you need to scroll down one screen). Note, it is believed that this guidance document will come before the AAB at the October and December 2010 meetings for comments.

Comment Period Extended for the Proposed Revised Total Coliform Rule – Oct 13

The U.S. Environmental Protection Agency (EPA) is extending by 30 days the public comment period for a proposed National Primary Drinking Water Regulation, the Revisions to the Total Coliform Rule (RTC), which was published in the Federal Register on July 14, 2010. The comment period for the proposed RTC now ends October 13, 2010. The proposed RTC applies to all public water systems and offers a meaningful opportunity for greater public health protection beyond the current Total Coliform Rule by requiring systems that have an indication of coliform contamination in the distribution system to assess the problem and take corrective action. This extended comment period will afford greater opportunity to all interested parties to review and submit comments on the proposal. Anyone seeking to submit comments must follow the procedures specified in the SUMMARY section of the proposal as published in the Federal Register notice (75 FR 40926). To access the RTC Proposed Rule Federal Register Notice go to EPA's website at <http://water.epa.gov/lawsregs/rulesregs/sdwa/tcr/regulation.cfm#tcr1989>

DEP eNOTICE - Regulation Update

The following final regulations were published in the [Pennsylvania Bulletin](#) on 9/11/2010:

- Hazardous Waste Mngmt System; Proposed Exclusion for Identification & Listing of Hazardous Waste.
- Large Appliance and Metal Furniture Surface Coating Processes.

Please access the [Pennsylvania Bulletin](#) for copies of the final regulations. The [Pennsylvania Bulletin](#) is the official version of the final regulations until the regulation are codified in Title 25 of the [Pennsylvania Code](#).

