

WAY E-NEWS

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

September 10, 2012

A PUBLIC-PRIVATE PARTNERSHIP

Volume 12, Issue 18

INSIDE THIS ISSUE...

WATERSHED ALLIANCE NEWS...2

WATERSHED EDUCATION & OUTREACH...Page 4

- Cleaner Chesapeake Bay due to Heat and Low Rain
- Sediment reservoirs in lower Susquehanna reach capacity, deliver more pollutants into Bay
- Maryland cover crop program hits record
- Water Suppliers Give Thumbs Up to Partnership in Lower Susquehanna River Basin
- Contaminants Found in PA Waters According to USGS Report
- American eel numbers rise after dam removal
- Charting New Waters Update
- DEP Releases Permit Review Policy For Comment Proposing A No Strikes Rule – Oct 1
- Remove standing water to keep mosquitoes, West Nile virus at bay
- Master Well Owner Trainings Announced
- Managing Private Water Supplies During Drought
- Website Helps Group Share and Explain Water Monitoring Data
- VIDEO – Rain Barrels: Small Investment, Big Benefits

WATERSHED FACILITATION ASSISTANCE...Page 6

- 10th ANNUAL WATERSHED WEEKENDS – “Connecting People to Watersheds” – Sep 15-Oct 6
- Building Blocks for Sustainable Communities – Sep 21
- Youth Water Educators Invited to "Dive Deeper" with Penn State Extension – Sep 27
- Develop Your Skills with New Drinking Water Protection Webinar Series - Sep 19 – Nov 15
- Registration Now Open For Lehigh Valley Watershed Conference – Oct 9
- Watershed & Stormwater Conference 2012 – Oct 8-9
- Bioretention Summit - Ask the Researcher – Oct 18-19
- 21st Annual ELI Eastern Boot Camp on Environmental Law® - Nov 14-16
- Maryland Water Monitoring Council 18th Annual Conference - Register Today! – Dec 6

WATERSHED FINANCIAL ASSISTANCE...Page 8

- Webinar on Recruiting and Training Veterans for Careers in the Water Sector – Sep 13
- Green Thumb Challenge \$5,000 Grant – Sep 30
- Applications Now Being Accepted For REAP Farm Conservation Tax Credits
- Webinar Recording Available: *The Future of Water Infrastructure Funding*

WATERSHED TECHNICAL ASSISTANCE...Page 9

- University of Alberta Expert Pinpoints Nutrient Behind Fresh Water Algae Blooms
- Video Highlights Lenexa, Kansas' Use of CWSRFund to Invest in Stormwater Management
- Apartment and Condominium Units Can Earn WaterSense Label
- New Resource for Preventing Harmful Algal Blooms
- New Tool Helps Estimate the Affordability of Water Pollution Control
- Nutrient Pollution Educational Materials Online
- Urban Homeowner Outreach Toolkit
- EPA Launches Climate Ready Water Utilities Initiative
- EPA Releases BASINS and WEPP Climate Assessment Tools (CAT) Final Report
- Revised PENNVEST Nutrient Credit Clearinghouse Rulebook!
- PADEP Proposals Currently Open for Comment

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
- 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
- FISH KILL 1-855-347-4545

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 4/27/2011

WATERSHED ALLIANCE NEWS

Ag Land Preservation Board of York County – www.york-county.org/gov/AUTH/agri.htm

- 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/>

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

Codorus Creek Watershed Association – www.codoruscreek.net

- Oct 15 – Meeting of Members and Board, 7:00 pm, at York Water Co. (Mt. Rose Ave.)
- Contact: Jim Leaman at 843-2929

Codorus Endowment Implementation Committee – www.yccf.org

- For more information, contact the York County Community Foundation at 14 West Market Street York, PA 17401-1203. Telephone: York 717.848.3733; Hanover 717.630.1843. Email: info@yccf.org

Codorus State Park – www.dcnr.state.pa.gov

Conewago Canoe Club – www.conewagocanoecub.org

- Club Meets bi-monthly at Mount Zion United Church of Christ, 7:00 pm, at Ridgewood Road in Pleasureville
- 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/>

- Contact Lee McDaniel at ldmcdaniel@aol.com.

Farm & Natural Lands Trust of York County – 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 or e-mail 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

Gifford Pinchot State Park – 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

Gunpowder Valley Conservancy – www.gunpowderfalls.org

- Contact: Gunpowder Valley Conservancy, P.O. Box 9733. Towson, MD 21284. Or Assistant Project Manager Rachel Streusand rstreusand@gunpowderfalls.org.

Horn Farm Center for Agricultural Education – 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/

- 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

- 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/waters/tribstrat/>

- Contact: RupertRossett, Tributary Team Coordinator, e-mail: RupertRossetti@aol.com

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

- 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

- Contact: Nancy Shaper at nshaper@ihmi.edu

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

- Contact GVP Sierra Club, P.O. Box 606, Harrisburg, PA 17108-0606. GVPsierraClub@email.com

Shank's Mare Outfitters GO PLAY OUTSIDE! – www.shanksmare.com

- 2012 Spring & Summer program dates are now posted <http://www.shanksmare.com/html/news.html>
- Call Us: 717-252-1616. Email us: Shanksmare@comcast.net

Spoutwood Farm Center for Sustainable Living – www.spoutwood.com

- Sep. 23 – 5th Mother Earth Harvest Fair, Sunday, 10am to 5pm, 4255 Pierceville Rd, Glen Rock, PA.
- Contact Rob & Lucy Woods at Spoutwood Farm at 717-235-6610 or spoutwood@comcast.net.

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

- 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

- Monthly Chapter Meetings 2nd Wednesday, 7:00 p.m., at Gander Mtn. (winter)
- 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/>

- Chapter Meeting 3rd Wednesday of month at [Collinsville Fish & Game](#)
- Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

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

- Meet the 3rd Wednesday @5pm.
- Contact: Adam McClain, Ph: 717-334-0636; E-mail: stilden@adamswatersheds.org

Watershed Alliance of York – www.watershedsyork.org

- Oct 3 – Meeting of WAY Board of Directors, 7:00 PM, at SOLS, 324 W. Market St., York, PA.
- 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

Wecology – www.wecologypa.org/

- Contact: WEcology 130 E.Market St., York, PA 17405. Phone: 717-718-7554.

Yellow Breeches Watershed Association – www.ybwa.org

- Sep. 12 – Board of Directors meets 6 PM, location TBA.
- Contact: Deborah Goetz, at deborah.p.goetz@gmail.com or phone 717-697-4734

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

- Contact Shanna Wiest, Government Affairs Director, REALTORS Association of York & Adams Counties, Inc. 901 Smile Way York, PA 17404. Phone: (717) 843-7891. Fax: (717) 854-0720. <http://www.rayac.com>

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

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

York County Conservation District – www.yorkccd.org

- New Wildlife of PA Journal available for purchase \$24.95
- Rain Barrels- Get one while they last! Visit our website for more information and prices.
- Board meets 2nd Friday, 11:00 a.m. (December-March) and 2nd Thursday, 7:00 p.m. (Apr.-Nov.), at the York County ANNEX
- Contact: YCCD at 717-840-7430 or yorkccd@yorkccd.org

York County Parks & Recreation – www.YorkCountyParks.org

- Nixon Park Nature Center, 5922 Nixon Drive, York PA 17403. Phone: (717) 428-1961. E-mail: NixonCountyPark@york-county.org.
- For more information, contact York County Department of Parks and Recreation, 400 Mundis Race Road, York PA 17406-9721. Phone: (717) 840-7440. E-mail: Parks@York-County.org. Web: www.YorkCountyParks.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

Cleaner Chesapeake Bay due to Heat and Low Rain

Last year at this time, the Chesapeake Bay was smothered by one of its largest dead zones—low-oxygen water caused by pollution where fish and plants cannot survive. This year, with so little rain to move pollution from farms and city streets into waterways, the dead zone is smaller. For more information, click [here](#).

Sediment reservoirs in lower Susquehanna reach capacity, deliver more pollutants into Bay

Sediment reservoirs near the mouth of the Susquehanna River are filling up faster than researchers expected, posing a new obstacle for improving water quality in the Chesapeake Bay. As the holding areas behind the lower Susquehanna's three dams reach capacity, their ability to trap upriver sediment and the phosphorous that is often attached wanes, and the sediment that is held grows more and more likely to flow out of the reservoirs and into the river. According to a [report](#) released by the U.S. Geological Survey (USGS), strong storms, severe flooding and faster-moving water have turned the one-time pollutant blockers into less effective gates. The Susquehanna delivered more phosphorous and sediment into the Bay last year than it has in more than three decades of monitoring. The past 15 years have seen a 55 percent increase in phosphorous entering the Bay from the river and a 97 percent increase in sediment. And while nitrogen flow has dropped, it shows a jump during large storms—like Tropical Storm Lee in 2011 or Hurricane Ivan in 2004—and the flooding that follows. Excess [nutrients](#) and [sediment](#) can harm fish, shellfish and underwater grasses. Nitrogen and phosphorous fuel the growth of algae blooms that rob water of oxygen and, with suspended sediment, cloud the water and block the sunlight that plants need to grow. [A previous USGS report](#) cited improvements in nutrient and sediment trends as a sign of improving Bay health. The USGS has seen significant reductions in nutrient and sediment concentrations upstream of the reservoirs, which reflect the positive impacts of conservation efforts in the Susquehanna watershed. But the filling reservoirs behind the Safe Harbor and Holtwood dams in Pennsylvania and the Conowingo Dam in Maryland overshadow the pollution reduction progress that is being made. The [Lower Susquehanna River Watershed Assessment team](#), composed of federal, state and regional partners and administered by the U.S. Army Corps of Engineers, is exploring ways to expand the reservoirs' capacity. Learn more about [the flow of nitrogen, phosphorous and suspended sediment from the Susquehanna River into the Bay](#).

Maryland cover crop program hits record

The Associated Press via Bloomberg Businessweek – It's going to be a record year for cover crops in Maryland's coming season. Lt. Gov. Anthony Brown and Maryland Department of Agriculture Secretary Buddy Hance are scheduled to join agricultural leaders and farmers on Sept. 6 to announce the milestone. A state program gives grants to farmers who plant cover crops immediately after the summer harvest. Cover crops like wheat and barley absorb unused nutrients and control soil erosion. They also help protect water quality in the Chesapeake Bay and its tributaries. Read more... <http://www.businessweek.com/ap/2012-08-30/maryland-cover-crop-program-hits-record>

Water Suppliers Give Thumbs Up to Partnership in Lower Susquehanna River Basin

Water systems throughout the lower Susquehanna region came together with SRBC, PA DEP, EPA and other stakeholders, to discuss and share ideas about collaborative approaches to protect drinking water from pollution in an area that serves 3.9 million people with tap water. The tap water we all take for granted didn't necessarily start out so clean. It may have passed through farm fields and construction sites, over ice-covered roads laden with salt, through over-fertilized lawns and broken septic fields, or past a leaking underground storage tank before it was pumped into the local water treatment plant. If public water suppliers can help keep these and other man-made influences in check prior to the waters reaching their treatment facilities, then the cost to monitor and treat raw water for human consumption at the plants is significantly reduced. Protecting drinking water sources from contamination can be a challenging task in the lower Susquehanna River region where 50 percent of the land is in agriculture and water-cleansing forest cover is the lowest compared to other portions of the river basin. The lower Susquehanna River region is home to the basin's largest population centers and fastest-paced development. Nearly half of the river basin's population (44 percent) live and work in these parts of Pennsylvania and Maryland. Add southern Delaware County's dependence on the Susquehanna River for public water supply and the City of Baltimore's use during times of drought and that's 3.9 million people relying on this lower Susquehanna region for safe drinking water. Read more... http://wren.palwv.org/documents/WRENAugust2012Feature-ThumbsuptoLSusquePartnershipbyPatDevlin5pgs.pdf?utm_source=August+2012+WREN+E-News&utm_campaign=August+2012+E-news&utm_medium=email

Contaminants Found in PA Waters According to USGS Report

Low concentrations of different contaminants, including pharmaceuticals, hormones and organic wastewater compounds, were detected in rivers and streams throughout Pennsylvania during a four year study, according to a U.S. Geological Survey and Pennsylvania Department of Environmental Protection publication released this month. In addition to the types and concentrations of contaminants found, the study also looked at their likely sources as well as potential impact on aquatic life. Click [here](#) to read more. The full [report](#) is available online.

American eel numbers rise after dam removal

American eel numbers are up in the headwater streams of Shenandoah National Park, following the 2004 removal of a large downstream dam. Significant increases in upstream American eel populations began two years after the Rappahannock River's Embrey Dam was removed and have continued nearly every year since, according to a [report](#) released last week by the U.S. Geological Survey (USGS), U.S. Fish and Wildlife Service (USFWS) and National Park Service (NPS) researchers. Dams can act as travel barriers to [American eels](#), which undertake long-distance migrations from their ocean spawning grounds to freshwater streams along the Atlantic coast. While American eels can surpass substantial natural barriers—like the rapids of the Potomac River's Great Falls, for instance—dams pose a more difficult obstacle and have contributed to the widespread decline in American eel populations. Dam removal, therefore, could have long-term benefits for eel conservation. Embrey Dam, which once provided hydroelectric power to Fredericksburg, Va., was breached in 2004 following years of work by nonprofit organizations and city, state and federal government agencies. Its removal was intended to benefit more than the American eel, however, as dams can impact a number of fish that must migrate up rivers to spawn. Learn more about [American eel abundance in Shenandoah National Park](#).

Charting New Waters Update

When I last wrote we had just wrapped up our New England Regional Freshwater Forum at the Langham Hotel in Boston. That meeting's summary, subtitled "Moving Toward Integrated Water Planning and Management," is now available on our website and can be downloaded [here](#) (scroll down and you'll see the report). Contained in the report you'll see summaries of the three case studies that regional presenters shared: Great Bay (NH/ME), Cape Cod (MA), and the Charles River (MA). Participants, some of whom traveled from other parts of the country to give outside perspective, were clearly frustrated with the slow pace of change and the challenges associated with meeting regulatory standards given the realities of budgets, changing weather patterns, and a growing impatience with conventional solutions. There was clear sentiment that not only do we need to move away from water's traditional silos to "one water" management, but that we also need better integration of the governance and human portions of the equation, as well as new financial models. The rest of our summer has included some internal assessment as well as continued work on [Financing Sustainable Water Infrastructure](#). In mid-July twenty-one of you came to Wingspread to advise on the biggest needs for Charting New Waters in the next few years. Priorities ranged from fairly specific but critical topics where we could help with the thorny water issues that vex us all, to broad aspirations around working toward national water priorities recommended in [Charting New Waters](#). There was a general sense, echoed in many of the conversations that I've had with environmental and foundation leaders across the country in recent months, that the time may finally have arrived when our leaders are ready to tackle much-needed national water strategy and priorities. If you have thoughts about this, I welcome your input. There's always a lot of other action happening here at Wingspread, and in fact as I write this guests are arriving for a much-anticipated meeting that begins this evening: "[Summit on Declining Water Demand and Revenues](#)" co-sponsored by The Alliance for Water Efficiency and The Walton Family Foundation.

DEP Releases Permit Review Policy For Comment Proposing A No Strikes Rule – Oct 1

The Department of Environmental Protection published a notice in the [September 1 PA Bulletin](#) inviting comments on a draft policies related to [Permit Review Process and Decision Guarantee](#) and Permit Coordination covering over 244 mining (coal and noncoal), oil and gas, air quality, waste, storage tank, drinking water, water quality, dam safety, erosion and sedimentation control and water obstruction and encroachment permits and approvals. The policies implement Gov. Corbett's July 24 [Permit Decision Guarantee Executive Order](#), outlining the process DEP will use to guarantee an efficient timeframe in which the agency will make a decision on complete permit applications and authorizations. DEP studied applications and permit procedures and discovered that about 40 percent of permit applications submitted to DEP are deficient, meaning they lack full information needed for DEP's permit reviewers to make a sound decision. Under the new process, if a permit application is deficient—requiring it to be returned twice—DEP may deny it.

An important feature of the Permit Review Process and Decision Guarantee is that it strongly encourages applicants to arrange pre-application meetings with DEP to discuss the agency's expectations during the permitting process and learn their obligations as applicants. It also prioritizes the order in which permits are reviewed. The companion Permit Coordination policy outlines how staff should coordinate projects that require multiple permits. DEP staff will review the policies' effectiveness annually and make any necessary adjustments. The agency plans to develop electronic permitting tools to further improve the process.

Permit Review Priorities - The draft policy sets priorities for reviewing applications by DEP and would eliminate any "first-in-first-out" review policies unless required by law. The proposed priorities include—

1. Applications for projects necessary for the protection of public health, safety and the environment;
2. Applications for projects necessary for economic development;
3. Applications within Permit Decision Guarantee;
4. Those applications that have been excluded from the Permit Decision Guarantee but are necessary for economic development projects that create jobs and enhance communities; and
5. Lastly, any remaining applications will be reviewed on a "first-in-first-out" basis.

No Strikes Rule - The draft policy says that only permit applications determined to be complete and without technical deficiencies will be covered by the permit decision guarantee. If technical deficiencies are found in the permit application during the technical review, the deficiencies will void the permit decision guarantee. Applicants will have one opportunity to correct the deficiencies DEP identifies in a deficiency letter and a deadline is established for responding to the deficiency letter. If the applicant's response corrects the deficiencies, the application will then be subject to what DEP calls an Elevated Review Process where DEP sets a new deadline for decisions. The agency plans to develop electronic permitting tools to further improve the process. To review the draft policies and executive order, visit www.dep.state.pa.us and click the "Permit Decision Guarantee" button. The policies are open for public comment until October 1.

Remove standing water to keep mosquitoes, West Nile virus at bay

The itch of a mosquito bite is one of the common nuisances of summer. But with mosquito populations seemingly exploding this year – and cases of mosquito-borne West Nile virus reaching unprecedented numbers nationally – it's a good idea to take a few simple precautions to reduce the chances of being bitten. Learn more... <http://live.psu.edu/story/60822>

Master Well Owner Trainings Announced

The Penn State Master Well Owner Network (MWON) has released its schedule of training opportunities for new MWON volunteers for the next year. http://extension.psu.edu/water/discovery-watersheds/news/2012/master-well-owner-trainings-announced?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+agsci-water-watershedwinds+%28Penn+State+Watershed+Winds+Newsletter%29

Managing Private Water Supplies During Drought

Droughts can be a stressful time for rural homeowners and farmers who rely on groundwater wells for a water supply. The availability of water underground is often invisible to the homeowner creating nervousness about whether the water supply will continue to meet the water needs of the home or farm. Learn how... http://extension.psu.edu/water/discovery-watersheds/news/2012/managing-private-water-supplies-during-drought?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+agsci-water-watershedwinds+%28Penn+State+Watershed+Winds+Newsletter%29

Website Helps Group Share and Explain Water Monitoring Data

A new web-based platform, ChesapeakeCommons.org, allows groups to publicly share site-specific monitoring information. The site, a project of the Chesapeake Bay Funders Network, also provides users with online tools to create informative maps and charts to better present their data to the public and media. For more information, click [here](#).

VIDEO – Rain Barrels: Small Investment, Big Benefits

A simple and effective investment to conserve water, save money, and help the environment.

<http://www.youtube.com/watch?v=rSBKqFrXoZA>



WATERSHED FACILITATION ASSISTANCE

10th ANNUAL WATERSHED WEEKENDS – “Connecting People to Watersheds” – Sep 15-Oct 6

WAY is excited to announce its 10th Watershed Weekends connecting people to their watersheds, in York County, PA, and beyond. The public is invited and encouraged to attend and participate in one or more of the 14 conservation, environmental education, and stewardship venues listed below. The 2012 Watershed Weekends Guide pamphlet may be picked up at your local library, municipal offices, the York County ANNEX, or from each of the venue sponsoring organizations. Or, beginning September 1st you may download the 2012 WSWE Guide from our website at www.watershedsyork.org. Do you know your watershed? Come join us, get involved and make a difference. Watershed Weekends is fun for the whole family. We hope to see you in your watershed.

- 1) *Doing Our Part to Save the Bay!* Sponsor: Watershed Alliance of York. Date & Time: Sept. 15-Oct. 6. Location: Online. Contact: www.watershedsyork.org. Other info: This is a virtual, self-guided tour of BMP's on-the-ground in York County, PA
- 2) *The Lorax, Birding, Hiking & More.* Sponsor: Eden Mill Nature Center. Date & Time: Sept. 15-30; Various Times. Location: 1617 Eden Mill Rd., Pylesville, MD. Contact: www.edenmill.org. Other Info: All Ages; Casual Dress; Indoors & Outdoors; Rain/Shine; On-Site Parking
- 3) *New Freedom Stream Rehabilitation.* Sponsor: New Freedom Heritage. Date & Time: Sept. 15; 10:00 am – 5:00 pm. Location: 22 Railroad Ave., New Freedom, PA. Contact: www.newfreedomheritage.org. Other info: All Ages; Casual Dress; Outdoors; Rain/Shine; Off-Site Parking
- 4) *Civilian Conservation Corps Camp.* Sponsor: Glen Rock Historic Preservation Society. Date & Time: Sept. 16; 11:00 am – 4:00 pm. Location: 4035 Manchester St., Glen Rock, PA. Contact: American Legion 717-235-1476. Other info: All Ages; Casual Dress; Outdoors; Rain/Shine; On-Site Parking
- 5) *Sunday River Paddle & Brunch.* Sponsor: Shank's Mare Outfitters. Date & Time: Sept. 16; 9:00-11:30 am. Location: 2092 Long Level Rd., Wrightsville, PA. Contact: www.shanksmare.com. Other info: All Ages; Casual Dress; Outdoors; Weather Dependent; On-Site Parking; Reservations; Fee
- 6) *Engineers NPDES/BMP Workshop.* Sponsor: York County Conservation District. Date & Time: Sept. 19-20; 7:30 am – 4:30 pm. Location: White Rose Rm., EXPO Center, York, PA. Contact: www.yorkccd.org. Other info: Ages 18+; Casual Dress; Indoors; Rain/Shine; On-Site Parking; Registration; Fee
- 7) *York Envirothon Clay Shoot.* Sponsor: York County Conservation District. Date & Time: Sept. 22; 8:00 am – 12:00 pm. Location: Central Penn Sporting Clays, Wellsville PA. Contact: www.yorkccd.org. Other info: Ages 18+; Casual Dress; Indoors; Rain/Shine; On-Site Parking; Registration; Fee
- 8) *8th Mother Earth Harvest Fair.* Sponsor: Spoutwood Farm Center. Date & Time: Sept. 23; 10:00 am – 5:00 pm. Location: 4255 Pierceville Rd., Glen Rock, PA. Contact: www.spoutwood.com. Other info: All Ages; Casual Dress; Outdoors; Rain/Shine; Off-Site Parking; Fee
- 9) *“Experience a Town At Risk” Demo.* Sponsor: York Township. Date & Time: Sept. 25; 10:00 am – 12:00 pm. Location: 190 Oak Rd., Dallastown, PA. Contact: www.Registration@YorkTownship.com. Other info: Ages 18+; Casual Dress; Indoors; Rain/Shine; On-Site Parking
- 10) *Take Back Your Meds!* Sponsor: York-Adams Pharmaceuticals Stewardship Alliance. Date & Time: Sept. 29; 10:00 am – 2:00 pm. Location: 1) Giant 455 Eisenhower Dr., Hanover, PA and 2) Giant 801 Baltimore St., Hanover, PA. Contact: advocacymom@embarqmail.com. Other info: All Ages; Casual Dress; Indoors; Rain/Shine; On-Site Parking
- 11) *Homesteading Education Day.* Sponsor: Horn Farm Center. Date & Time: Sept. 29; 8:00 am – 2:30 pm. Location: 4945 Horn Rd., York, PA. Contact: www.hornfarmcenter.org. Other info: All Ages; Casual Dress; Indoors; Rain/Shine; On-Site Parking
- 12) *Kayak on the Susquehanna.* Sponsor: Shank's Mare Outfitters. Date & Time: Sept. 16; 9:00-11:30 am. Location: 2092 Long Level Rd., Wrightsville, PA. Contact: www.shanksmare.com. Other info: All Ages; Casual Dress; Outdoors; Weather Dependent; On-Site Parking; Reservations; Rentals Available
- 13) *Barshinger Creek Restoration in Action!* Sponsor: Codorus Creek Watershed Association. Date & Time: Sept. 29; 9:00 am – 1:00 pm. Location: 720 Arbor Dr., Dallastown, PA. Contact: www.codoruscreek.net. Other info: All Ages; Casual Dress; Outdoors; Rain/Shine; On-Site Parking

14) Mill Creek Stream Cleanup. Sponsor: C.S. Davidson, Inc. Date & Time: Oct. 6; 9:00 am – 1:00 pm. Location: 2nd Ave., Spring Garden Twp., PA (along I-83). Contact: Derek Rinaldo 570-527-6494. Other info: All Ages; Casual Dress; Outdoors; Rain/Shine; On-Site Parking; Pre-Registration Requested

Building Blocks for Sustainable Communities – Sep 21

On Friday, Sept. 21, 1:00-2:30 Eastern, join EPA's Office of Sustainable Communities for an overview of free technical assistance available to communities through EPA's Building Blocks for Sustainable Communities Program. This program provides short-term, targeted technical assistance to help communities implement smart growth development approaches, such as creating a green streets strategy, linking land use to water quality, or conducting a parking audit. This webinar will focus on assistance available directly from EPA and from four EPA grantees: ForTerra, Project for Public Spaces, Smart Growth America, and Global Green. Participants will learn about the types of assistance available and how to apply. EPA's call for letters of interest will be released the day before this webinar. Webinar Details: <https://epa.connectsolutions.com/epasmartgrowth>. No pre-registration is required. Call 1-888-850-4523. Participant passcode: 719661. This conference has a maximum audio capacity of 299 callers, so participants may wish to share lines.

Youth Water Educators Invited to "Dive Deeper" with Penn State Extension – Sep 27

Educators who teach youth about water resources can get useful information to help plan their curricula by attending "Dive Deeper," a youth water education summit to be offered Sept. 27 by Penn State Extension. The event will be held from 8:30 a.m. to 3:30 p.m. at the Best Western Premier – The Central Hotel and Conference Center in Harrisburg, Pa. Online registration for the summit is available until Sept. 23. Program details also are available at the website. Dive Deeper will be a one-day summit with keynote speakers, multiple break-out sessions, educational displays and lunch. "Dual keynote speakers will kick the program off," said Sanford Smith, extension youth education specialist. "Bryan Swistock, water resources extension specialist, will start the morning talking about current and emerging water-resources issues in the mid-Atlantic region. "Immediately following, Edward Bender, a Penn State extension educator and the 4-H science manager of professional development and partnerships at National 4-H Council, will present 'Inquiry-based learning - What's the big deal?'" Additional program information can be obtained by contacting Jennifer Fetter at 4HWater@psu.edu or Sanford Smith at sss5@psu.edu.

Develop Your Skills with New Drinking Water Protection Webinar Series - Sep 19 – Nov 15

Learn the latest with the Association of State Drinking Water Administrators new series of four free webinars that will share lessons learned across eight states to protect water from pollution. The series is called: "Findings from the Enabling Source Water Protection Project." REGISTER NOW at www.asdwa.org/swwebinars. Registration is open to anyone who would like to participate! The Enabling Source Water Protection team, led by The Trust for Public Land and the Smart Growth Leadership Institute, with support from the River Network and the Association of State Drinking Water Administrators, worked with eight state partners over three years on projects to improve drinking water source protection. The team will share important information about what they have learned this fall. Mark your calendar and get up to speed!

- September 19 – Models for Improving Collaboration Between Source Water and Clean Water State Programs. This webinar will feature different approaches to integrating source water and clean water programs and improving collaboration among state agency staff. Interagency collaboration in both Maine and North Carolina has led to water supply classifications and regulations that are important for protecting water quality. Missouri is exploring how funds from the Clean Water Section 319 Program can support source water protection planning and implementation. Examples from other states may be included. Time: 1:00 PM - 3:00 PM EDT
- October 11 – Non-Traditional Sources of Funding for Source Water Protection. During this webinar we will feature work underway in North Carolina and Missouri to use Drinking Water and Clean Water State Revolving Funds as well as Supplemental Environmental Project funds in support of source water protection. We will also hear how New Hampshire has improved source water protection by expanding eligibility for funding under the Water Supply Land Protection Grant Program. Time: 1:00 PM - 3:00 PM EDT
- October 30 – Successful state agency efforts to support and coordinate with local planning activities. We will discuss efforts in North Carolina, Ohio, and Maine to coordinate with local planning activities. We will highlight North Carolina's newly formed North Carolina Source Water Collaborative as well as their involvement in the Greater Triangle Stewardship Awards Program. From Ohio, we will learn about the Balanced Growth program, a voluntary watershed-based planning effort designed to prevent flood damage and protect water quality. The Maine Saco River Corridor Commission will be featured as an example of a special planning authority devoted to improving water quality. Time: 1:00 PM - 3:00 PM EDT
- November 15 – Incorporate Source Water Protection in State Economic Strategies. Examples from Maine, New York and Ohio will be featured. Improved economic and fiscal performance is one of the strongest arguments for protecting sources of drinking water. Representatives from these states will discuss how focusing on the economics is helping them to work with new partners in new ways. Time: 1:00 PM - 3:00 PM EST

For more information about the state projects, visit the project web site at www.landuseandwater.org. For questions, please contact Kelley Hart at Kelley.Hart@tpl.org or 415-800-5201.

Registration Now Open For Lehigh Valley Watershed Conference – Oct 9

The 5th annual Lehigh Valley Watershed Conference will be held on October 9 at the Steps Building at Lehigh University in Bethlehem starting with registration at 7:30 a.m. The conference is sponsored by the Watershed Coalition of the Lehigh Valley, watershed associations working together to protect, enhance and represent the region's watersheds. The agenda include 12 different workshop sessions on topics like dam removal, MS-4 stormwater permitting, the impacts of recent flooding on municipal bridges and infrastructure, vernal pools, restoring the American Chestnut, effects of water withdrawals, misconceptions and misinformation on Marcellus Shale and much more. For the conference agenda and to register online, visit the Conference webpage.

Watershed & Stormwater Conference 2012 – Oct 8-9

Baltimore – Watershed management has become a multi-disciplinary effort that engages an entire team, from the professional geologists and hydrologists who enhance our understanding of the movement of water across and under the land, to the scientists and engineers who conduct research and develop the tools for implementing best management practices, to the citizens who live in the watershed and witness the day to day activities that influence its health. In today's complex world of budgets and regulations, the field of watershed management must also include environmental economists and enforcement professionals in order to effectively navigate and implement the tools of

watershed protection. The topics of the 2012 Watershed and Stormwater Conference include both wide ranging topics to address the needs of this varied audience while ensuring an offering of new and emerging ideas in the field. Register <http://www.cwp2012event.awsps.org/program-information>

Bioretention Summit - Ask the Researcher – Oct 18-19

October 18-19, 2012 Villanova University, CEER Bldg., Rm. 001, 800 Lancaster Avenue, Villanova University, PA, 19085. [Click here to view the Summit Website and to register online.](#) *About the Summit:* Bioretention and BioInfiltration raingarden design, construction, and maintenance continue to evolve as the practice has become the most popular small-site stormwater control measure in the Mid-Atlantic states. However, design standards, construction specifications, and maintenance plans often lag behind what recent applied and lab research has discovered. The purpose of this training is to deliver the most up-to-date research-based information that will lead to perhaps dramatic improvements in how bioretention cells are credited by regulators, designed by engineers and landscape architects, and built and maintained by contractors and maintenance personnel. This course has been revised considerably since its 2010 offering at Villanova.

21st Annual ELI Eastern Boot Camp on Environmental Law@ - Nov 14-16

November 14-16, 2012, Washington D.C. – ELI's Boot Camp course is led by approximately 20 carefully selected senior practitioners and environmental managers. This year's topics included: the Clean Air Act; resource conservation and recovery; natural resources damages; the Comprehensive Environmental Response, Compensation, and Liability Act, federal chemical regulation, the Clean Water Act, National Environmental Policy Act, the Endangered Species Act, ethical issues in environmental law, civil and criminal enforcement, and a panel discussion on the legal issues surrounding hydraulic fracturing in the Marcellus Shale. For more information... http://www.eli.org/Bootcamp/east_main.cfm

Maryland Water Monitoring Council 18th Annual Conference - Register Today! – Dec 6

Maryland Water Monitoring Council will hold its 18th Annual Conference at the Maritime Institute, North Linthicum, Maryland, on Thursday, December 6, 2012. Please click [HERE](#) for information on registration, vendor space, directions and more. Early bird registration ends November 16. Are you interested in giving a talk or presenting a poster? The deadline for the [First Call for Papers](#) is September 30. Speaking of posters, this year we are extending a special invitation to high school and undergraduate students to present posters on their water-related research. An award of \$50 will be presented to the best student poster! Click [HERE](#) for the Scoring Criteria for Student Posters. For more information on this student poster session, contact Dr. Sonja Schmitz (sschmitz@cpcbcmd.edu). If your agency or non-profit organization would like to exhibit at the Conference at no extra charge, reply to this email by **November 1** with your request. A limited number of tables is available.



WATERSHED FINANCIAL ASSISTANCE

September 13 Webinar on Recruiting and Training Veterans for Careers in the Water Sector – Sep 13

On September 13, from 1:00 to 2:30 p.m. EDT, EPA will host a webinar for water and wastewater operator certification programs and state drinking water and wastewater programs on recruiting and training veterans for careers in the water sector. Topics include how Veterans Affairs programs can help veterans obtain operator certification and how states and utilities can employ veterans on a temporary basis at no cost. [Click here to register for this free webcast.](#) For more information, contact Allison Watanabe at (202) 564-0128 or watanabe.allison@epa.gov, or Leah Tai at (202) 564-3259 or tai.leah@epa.gov.

Green Thumb Challenge \$5,000 Grant – Sep 30

It's that time of year again! GEF and Gardener's Supply Company have teamed up on an exciting funding opportunity for established youth garden projects nationwide! The organizations are calling on schools and youth groups to submit chronicles of their garden projects in a race to win a \$5,000 prize. The award is designed to support the continued sustainability of an exceptional youth garden program that has demonstrated success, and has impacted the lives of kids and their community. Deadline: September 30, 2012 [Grant Application](#). Mail to: Green Education Foundation (GEF), Attn: Green Thumb Challenge Award, 153 Washington St., 4th Floor, East Walpole, MA 02032. Email to service@greeneducationfoundation.org.

Applications Now Being Accepted For REAP Farm Conservation Tax Credits

Pennsylvania farmers can take advantage of nearly \$7 million in tax credits to purchase on-farm conservation equipment or install facilities meeting best management practice standards through the [Resource Enhancement and Protection Farm Conservation Tax Credit](#), or the REAP program. Producers with proposed or completed projects can submit applications immediately. The projects will be considered on a first-come, first-served basis. REAP is a tax incentive program for agricultural producers who enlist private support to reduce erosion and sedimentation that impacts Pennsylvania's watersheds. The program, administered by the State Conservation Commission, helps producers with the purchase of conservation equipment and materials to help protect the environment. Private investors often provide capital to producers as a project is approved in return for tax credits. Any individual or business subject to taxation under Personal Income Tax, Corporate Net Income Tax, Bank Shares Tax and others, is eligible to participate in REAP. The program began in 2007 and since then 2,609 projects worth more than \$39.5 million have been approved. The public and private investment made to implement these projects is \$68.7 million. REAP has helped reduce more than 11 million pounds of nitrogen, 859,485 pounds of phosphorus and 877,059 pounds of sediment through 2010. Farmers can receive tax credits of up to \$150,000 per agricultural operation for 50 or 75 percent of the total project cost. The most common projects approved are for no-till planting equipment, materials for waste storage facilities, manure management plans and protecting heavy animal use areas like barnyards. Applications for the 2012-2013 REAP program are available on Agriculture's [REAP webpage](#) or by calling 717-787-8821.

Webinar Recording Available: *The Future of Water Infrastructure Funding*

Local governments construct, operate, and maintain the vast amount of the country's water infrastructure networks, essential for economic development and quality of life in our communities. Cities and counties face a backlog of water infrastructure projects and the federal contribution to help meet those needs has declined over the past several decades. This webinar provides an overview of the problem, why alternative mechanisms of funding water infrastructure are needed, as well as examine specific proposals pending in Congress. Click [here](#) for the webinar recording.



WATERSHED TECHNICAL ASSISTANCE

University of Alberta Expert Pinpoints Nutrient Behind Fresh Water Algae Blooms

Edmonton – University of Alberta ecologist David Schindler has reviewed data from studies of controlling human-caused algae blooms in lakes and says controlling the input of the nutrient phosphorus is the key to fighting the problem. Recent short-term algae studies claim that controlling the human input of both nitrogen and phosphorus into lakes must be reduced to control summer algae blooms. In contrast, Schindler concluded that only phosphorus control is necessary after reviewing long-term lake experiments and case histories of lakes where nutrients have been controlled. Schindler estimates that the cost of controlling just the phosphorus input alone would be as much as 90-percent less than trying to control both phosphorus and nitrogen. Possible sources of phosphorus to lakes are from sewage, agriculture, runoff from lawns, gardens and septic tanks. Much of Schindler's critical evidence comes from long-term experiments, some lasting 40 years, in the Experimental Lakes Area in northwestern Ontario.

EPA Video Highlights Lenexa, Kansas' Use of Clean Water State Revolving Fund to Invest in Stormwater Management Efforts

EPA has released a video highlighting Lenexa, Kansas, and the city's use of EPA's Clean Water State Revolving Fund (SRF) program to fund construction of its Central Green Streamway to help manage stormwater runoff and protect water quality, while providing recreational and educational opportunities for residents. The Clean Water SRF program, through the Green Project Reserve (GPR), helps achieve innovative solutions to wastewater infrastructure needs through projects that address green infrastructure, water efficiency, energy efficiency, or other environmentally innovative activities. [Click here for the video](#) and [here for more information on the fund's Green Project Reserve](#).

Apartment and Condominium Units Can Earn WaterSense Label

EPA has modified its specification for new homes to enable apartment and condominium units to earn the label, update product requirements, and adjust landscape criteria. WaterSense-labeled new homes allow residents to enjoy the comforts of home and save water and energy inside and out by using WaterSense-labeled plumbing fixtures, efficient hot water systems, and low-maintenance, water-smart landscapes. Homes labeled after January 1, 2013 must meet the criteria of the revised specification. Highlights include:

- New apartments or condos can earn the WaterSense label. Individual units in new residential buildings are eligible to earn the label, and builders must ensure that the common areas of these buildings also meet specific indoor and outdoor criteria.
- WaterSense now requires builders of WaterSense-labeled homes to use EPA's Water Budget Tool to inform their landscape design. An easy-to-use, interactive version is available on the WaterSense website.
- If an irrigation system with a weather-based irrigation controller is used to water the lawn, the controller must be a WaterSense-labeled model. WaterSense labeled controllers act like a thermostat for your lawn, using local weather data to determine when and how much to water.
- Showerheads must be WaterSense-labeled models that use 2.0 gallons per minute or less. WaterSense labeled showerheads save homeowners more than 2,300 gallons of water and 300 kilowatt-hours of energy per year. [Click here for more information](#).

New Resource for Preventing Harmful Algal Blooms

EPA has published a new web page on harmful algal blooms to help inform states, tribal and local governments, other federal agencies, and the public about key issues regarding cyanobacteria, or blue-green algae, blooms in recreational waters and drinking water. The web page includes information on the causes of bloom occurrence, prevention and mitigation measures, adverse human health effects from exposure to cyanotoxins (toxins from blue-green algae), ecological effects, sampling and detection methods, policies and guidelines, and past and ongoing research. For more information, click [here](#).

New Tool Helps Estimate the Affordability of Water Pollution Control

EPA has released a new, web-based tool to help a variety of stakeholders evaluate the economic and social impacts of pollution controls needed to meet water quality standards set for specific uses for a waterbody, such as swimming or fishing. This tool could be used by states, territories, tribes, local governments, industry, municipalities and stormwater management districts. For more information, click [here](#).

Nutrient Pollution Educational Materials Online

To help raise awareness about nutrient pollution, which is caused by excess nitrogen and phosphorus in the air and water, EPA has developed new educational materials, including:

- Community Outreach Toolkit—designed to assist watershed groups, NGOs, states, and federal partners with messaging and outreach to the media about nutrient pollution.
- Nutrient Pollution Video—aims to raise awareness about nutrient problem, the first step in addressing and reducing the problem.
- Postcard/Poster—shows a before and after photo of Lake Erie to illustrate the impacts of nutrient pollution.
- Future Farmers of America Curriculum—EPA worked with several other federal agencies on lesson plans for young farmers about source water protection and management practices that can help control runoff to protect surface and groundwater.

For more information on Nutrient Pollution Outreach and Education Materials click [here](#). For more information on Drinking Water: Protecting the Source click [here](#).

Urban Homeowner Outreach Toolkit

A new toolkit from EPA and the Anacostia Watershed Outreach and Education Project is a resource for watershed organizations and others who encourage homeowners to install rain barrels to prevent contamination in their local rivers. The toolkit includes details on the development of social marketing outreach to local residents, lessons learned and a summary of project accomplishments. Appendices include communication scripts for weathercasters, a detailed list of project partners, partnerships, and photos and screenshots of the messages used. For more information, click [here](#).

EPA Launches Climate Ready Water Utilities Initiative

EPA has launched the Climate Ready Water Utilities (CRWU) initiative to assist water and wastewater utilities in implementing climate change adaptation and mitigation strategies, with the goal of a more resilient water sector. For more information, click [here](#).

EPA Releases BASINS and WEPP Climate Assessment Tools (CAT): Case Study Guide to Potential Applications (Final Report)

EPA and partners have developed two water and climate assessment modeling tools, the Better Assessment Science Integrating Point and Non-point Sources (BASINS) and the Water Erosion Prediction Project Climate Assessment Tool (WEPPCAT), that facilitate application of existing simulation models for conducting scenario-based assessments of potential climate change effects on streamflow and water quality. The report presents a series of short case studies using the BASINS and WEPP tools. The case studies are designed to illustrate the capabilities of these tools for conducting scenario-based assessments of the potential effects of climate, land use, and management change on water resources. This report is of interest to modeling professionals including water and watershed managers, urban or regional planners, government officials, and scientists and engineers interested in using the BASINS or WEPP water models to assess the potential implications of climate change on water resources. For more information, visit: <http://cfpub.epa.gov/ncea/global/recordisplay.cfm?deid=242952>.

Revised PENNVEST Nutrient Credit Clearinghouse Rulebook!

The PENNVEST Nutrient Credit Clearinghouse Rulebook has been revised to accommodate the multiple round auction format that will be used in the upcoming September 12, 2012 auction. Specific examples of how and when bidders and offerors can participate in Round 2 of the auction are included in Appendix 2A of the Rulebook. Based on the results of the stakeholder survey conducted in July 2012, the Rulebook now provides that additional information on participant names as well as bids and offers that will be released to the public if there are 5 or more sellers and buyers participating in an individual auction. The new version of the PENNVEST Rulebook and a redlined version showing all changes to the prior version of the Rulebook is available under the Nutrient Credit Trading tab of the PENNVEST Website, www.pennvest.state.pa.us. You can navigate to it directly from <http://www.markit.com/sites/en/products/environmental/auctions/pennvest.page>. If you have any questions about the revisions to the PENNVEST Rulebook or the upcoming September 12, 2012 auction, please contact Robert Boos at 717-783-4493, or rboos@pa.gov.

PADEP Proposals Currently Open for Comment

Date Published In PA Bulletin	Proposal	Comment Deadline
7/7/2012	Measurement and Reporting of Condensable Particulate Matter Emissions(25 Pa. Code Chapters 121 and 139) PA Bulletin Notice	9/10/2012
8/4/2012	Nutrient Credit Trading Program; Notice of Certification Requests PA Bulletin Notice	9/4/2012
8/11/2012	Nutrient Credit Trading Program; Notice of Certification Requests PA Bulletin Notice	9/10/2012
8/18/2012	Availability of Draft NPDES General Permit for Stormwater Discharges Associated with Construction Activities (PAG-2) PA Bulletin Notice Draft General Permit	9/17/2012
8/18/2012	Nutrient Credit Trading Program; Notice of Certification Requests PA Bulletin Notice	9/17/2012
9/1/2012	Draft Technical Guidance: Disadvantaged Business Enterprise (DBE) Firm Solicitation Guidance (DEP ID: 382-5511-014) PA Bulletin Notice Draft Technical Guidance	10/1/2012
9/1/2012	Draft Technical Guidance: Policy for Implementing the DEP Permit Review Process and Permit Decision Guarantee(DEP ID: 021-2100-001) PA Bulletin Notice Draft Technical Guidance	10/1/2012
9/1/2012	Draft Technical Guidance: Policy for Permit Coordination (DEP ID: 021-2000-301) PA Bulletin Notice Draft Technical Guidance	10/1/2012
9/1/2012	Draft Technical Guidance: Drinking Water and Wastewater Systems Operator Certification Program Handbook (DEP ID: 391-2300-001) PA Bulletin Notice Draft Technical Guidance	10/1/2012

