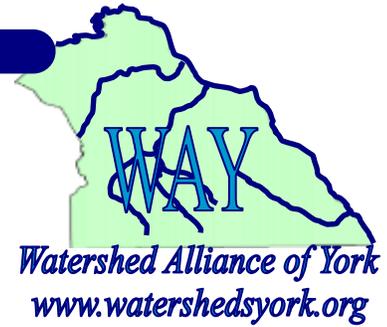


# WAY E-NEWS

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



October 12, 2010

A PUBLIC-PRIVATE PARTNERSHIP

Volume 10, Issue 20

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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](mailto: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](mailto:admin@carrollcitizens.com)

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

- Jan 10 – 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)**

- Jan. 6 – 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](mailto: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](mailto: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](mailto: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@iuno.com](mailto:beckymill1@iuno.com) or Dave Carbaugh at 637-9875 or email [carbaugh3@embarqmail.com](mailto: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)**

<> 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](mailto: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](mailto:info@hornfarmcenter.org). Web: [www.hornfarmcenter.org](http://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](http://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)**

<> Contact: Michael Helfrich, Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: [lawsusriver@hotmail.com](mailto:lawsusriver@hotmail.com).

### **Maryland's Upper West Shore Trib Team - [http://www.dnr.state.md.us/bay/tribstrat/upper\\_west/up\\_west\\_shore.html](http://www.dnr.state.md.us/bay/tribstrat/upper_west/up_west_shore.html)**

- 16th Annual Maryland Water Monitoring Council Conference on November 18, 2010

<> 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](mailto: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](mailto:j.e.hooper@ieee.org)

### **Mid-Atlantic Ecological Landscapes Partnership [MAEscapes] - [www.maescapes.org](http://www.maescapes.org)**

- Oct. 25 – Advisory Board meeting, 6:30 pm, York County ANNEX

<> Contact: 717-840-7408 or Connie Schmotzer at [cxs51@psu.edu](mailto:cxs51@psu.edu)

**[Peach Bottom Concerned Citizens Group Inc.](http://www.pbccg.com)** - [www.pbccg.com](http://www.pbccg.com)

<> Contact Maria Payan by email [pbccg@hotmail.com](mailto: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](http://www.prettyboywatershed.org)** - [www.prettyboywatershed.org](http://www.prettyboywatershed.org)

<> Contact: Nancy Shaper at [nshaper@ihmi.edu](mailto:nshaper@ihmi.edu)

**[Sierra Club – Gov. Pinchot Group of PA](http://pennsylvania.sierraclub.org/pinchot/)** - <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!
  - 10/24 - Highway Clean-Up
- <> Kim Anderson at [sgfornyc@aol.com](mailto:sgfornyc@aol.com).

**[Spoutwood Farm Center for Sustainable Living](http://www.spoutwood.com)** - [www.spoutwood.com](http://www.spoutwood.com)

<> Contact Rob & Lucy Woods at Spoutwood Farm at 717-235-6610 or [spoutwood@comcast.net](mailto:spoutwood@comcast.net).

**[Susquehanna Gateway Heritage Area](http://www.susquehannaheritage.org/)** - <http://www.susquehannaheritage.org/>

- SGHA Lecture Series – We are pleased to kick off our new Susquehanna Heritage Lecture Series at the Zimmerman Center
    - 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.
    - November 10, 7pm - "A Blue Stone Mansion in the Midst of Archaeology & Ghosts" - a lecture on the history and archaeology of the Zimmerman Center, including private tour. Presented by Jan Klinedinst, site archaeologist.
    - December 1, 7pm - "Native American Rock Art on the Lower Susquehanna" - lecture and display of petroglyph casts, artifacts, and replicas. Presented by Paul Nevin, local petroglyph expert.
- Questions? Please contact Marie Cartwright, Outreach & Communications Coordinator [mcartwright@susquehannaheritage.org](mailto:mcartwright@susquehannaheritage.org) or 717-252-0229 ext. 4
- <> Contact Mark Platts, Susquehanna Heritage Corporation, 1706 Long Level Road, Wrightsville, PA 17368. Office: 717-252-0229. E-mail: [info@lyhr.org](mailto:info@lyhr.org).

**[Susquehanna Greenway Partnership](http://www.susquehannagreenway.org)** - [www.susquehannagreenway.org](http://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](mailto:greenway@susquehannagreenway.org)

**[Trout Unlimited Codorus Chapter #558](http://www.codorustu.org)** - [www.codorustu.org](http://www.codorustu.org)

- Nov 19 – Monthly Chapter Meetings 2nd Wednesday, 7:00 p.m., at Sawmill pavilion (summer)
- <> Contact: Tom Finenze at 840-1372 or [tom@codorustu.org](mailto: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/)** - <http://muddycreektu.org/>

- Nov. 17 – Chapter Meeting at [Collinsville Fish & Game](http://www.collinsvillefishandgame.com)
- <> Contact: Ron Heuston, President MCTU, 244-1851 or [Heuy1955@aol.com](mailto:Heuy1955@aol.com)

**[Watershed Alliance of Adams County](http://www.adamswatersheds.org/)** - <http://www.adamswatersheds.org/>

- Meet the 3rd Wednesday @5pm.
- <> Contact: Adam McClain, Ph: 717-334-0636; E-mail: [stilden@adamswatersheds.org](mailto:stilden@adamswatersheds.org)

**[Watershed Alliance of York](http://www.watershedsyork.org)** - [www.watershedsyork.org](http://www.watershedsyork.org)

- Jan. 5 – Annual 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](http://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](mailto:gpeacock@yorkccd.org)

**[Yellow Breeches Watershed Association](http://www.ybwa.org)** - [www.ybwa.org](http://www.ybwa.org)

<> Contact: John Eby, President, at [john\\_eby@lower-allen.pa.us](mailto:john_eby@lower-allen.pa.us)

**[York-Adams Regional Smart Growth Coalition](http://www.yorkadamssmartgrowth.org)** - [www.yorkadamssmartgrowth.org](http://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/>

- Saturday, October 30 – Annual YAS Bird Seed Pick-up at Brown’s North in Emigsville.
- <> Contact Tom Smith at 717-246-9767 or [tls35@psu.edu](mailto:tls35@psu.edu).

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

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

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

- 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](mailto:yorkccd@yorkccd.org)

**York County Planning Commission** - [www.ycpc.org](http://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](mailto:planner@ycpc.org)



## **WATERSHED EDUCATION & OUTREACH**

### **Congress Briefed on Call to Action to Avert Looming Water Crisis**

Washington DC – Clean Water Action joined a diverse coalition of businesses, farmers, environmental not-for-profits and government agencies today to brief Members of Congress on a landmark call to action aimed at heading off a national crisis in water quality and supply that could affect the nation’s economy, the livability of our communities and the health of our ecosystems. “Charting New Waters: A Call to Action to Address U.S. Freshwater Challenges,” is the culmination of an intensive two-year collaboration exploring solutions to U.S. freshwater challenges. “This report makes clear the need for new approaches that integrate water concerns with energy and with other natural resource planning and management at all levels of government, at all scales. Taking a whole systems approach that mimics and works with nature will be key to solving the most urgent 21st Century water challenges,” said Clean Water Action’s Paul Schwartz, a participant in developing the Call to Action. Read article... <http://www.stormh2o.com/the-latest/clean-water-action.aspx>

### **EPA Issues Chesapeake Bay ‘Pollution Diet’ Draft TMDL Contains Strong Federal Measures to Fill in Gaps in State Pollution Reduction Plans**

(PHILADELPHIA – September 24, 2010) The U.S. Environmental Protection Agency today released a draft Chesapeake Bay Total Maximum Daily Load (TMDL), a mandatory “pollution diet” designed to restore the Chesapeake Bay and its vast network of streams, creeks and rivers. The Bay is a complex ecosystem and an economic engine for the region, supporting a variety of industries from fishing to tourism. The draft TMDL – which EPA is legally required to produce – sets limits on the amount of nitrogen, phosphorus and sediment pollution discharged into the Bay and each of its tributaries by different types of pollution sources. It is designed to meet water quality standards that reflect a scientific assessment of the pollution reductions necessary to restore the health of the Bay ecosystem. The draft TMDL calls for 25 percent reductions in nitrogen and phosphorus and at least a 16 percent reduction in sediment to achieve a healthy Bay and local rivers. These reductions, which the science indicates are necessary to achieve a healthy watershed, would be achieved by a combination of federal and state actions. Development of the draft TMDL followed careful EPA review of pollution reduction measures proposed by the States and the District of Columbia earlier this month in their Watershed Implementation Plans. As a result, the draft TMDL allocations released today reflect a combination of defined state commitments and supplemental EPA measures which tighten controls on permitted “point sources” of pollution, such as wastewater treatment plants, large animal agriculture operations and municipal stormwater systems. EPA will now work with federal partners like the Department of Agriculture, to assist Bay watershed states and the District of Columbia as they revise and strengthen the implementation plans before final versions are due on November 29. The Draft TMDL which contains evaluations of the plans and EPA adjustments for all seven jurisdictions can be found at <http://www.epa.gov/chesapeakebaytmdl>. The release of the draft TMDL begins a 45-day public comment period that will include 18 public meetings in all six watershed states (Virginia, Maryland, Pennsylvania, Delaware, New York and West Virginia) and the District of Columbia. A full public meeting schedule, including registration links for online broadcast is available on the Bay TMDL web site: <http://www.epa.gov/chesapeakebaytmdl>. The web site also provides instructions for accessing the draft TMDL and providing formal comments.

### **EPA’s Draft Chesapeake Bay TMDL**

The TMDL is designed to ensure that all pollution control measures to fully restore the Bay and its tidal rivers are in place by 2025, with 60 percent of the actions completed by 2017. The final TMDL will be established December 31. On July 1, EPA set draft Bay-wide limits for nitrogen and phosphorus at 187.4 million and 12.5 million pounds per year, respectively, and on Aug. 13 set a range of allowable sediment pollution levels at between 6.1 and 6.7 billion pounds per year. These Bay-wide pollution limits were further divided by jurisdiction and major river basin based on state-of-the-art modeling tools, extensive monitoring data, peer-reviewed science, and close interaction with state partners. The TMDL is supported by accountability measures to ensure cleanup commitments are met, including short-and long-term benchmarks, a tracking and accounting system, and additional federal actions, if necessary, to spur progress. It will build on state programs already in place, some of which are helping reduce pollution and improve the Bay’s health – for instance, Maryland reported a record sign-up this fall for one of its most successful agricultural pollution control programs, achieving more than 150% of its two-year goal for the Chesapeake Bay. The TMDL was prompted by insufficient restoration progress over the last several decades in the Bay. The TMDL is required under federal law and responds to consent decrees in Virginia and D.C. dating back to the late 1990s. It is also a keystone commitment of a federal strategy to meet President Obama’s Executive Order to restore and protect the Bay.

### **Pennsylvania accepting comments on the Draft Chesapeake Bay Watershed Implementation Plan**

HARRISBURG – The Pennsylvania Department of Environmental Protection will be accepting comments on Pennsylvania's Draft Chesapeake Bay Watershed Implementation Plan (draft WIP). Comments will be collected Sept. 24, 2010 - Nov. 8, 2010. The draft WIP was submitted to the United States Environmental Protection Agency (EPA) on Sept. 1, 2010 and outlines the state's plan to address nutrient and sediment loadings that drain to the Chesapeake Bay, and was prepared following EPA's Nov. 4, 2009 guidance that outlined their expectations for WIPs. Pennsylvania's draft WIP 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, 2010 deadline for the final plan. Notice of availability of the draft WIP for public comment has been posted on the Department's website at [www.depweb.state.pa.us](http://www.depweb.state.pa.us) (DEP Keywords: Chesapeake Bay). A PA Bulletin notice was also published on Sept. 18, 2010. Written comments should be submitted to the Department of Environmental Protection, Water Planning Office, P. O. Box 2063, Harrisburg, PA 17105-2063, or via e-mail [ep-chesapeakebayprogram@state.pa.us](mailto:ep-chesapeakebayprogram@state.pa.us). A return name and address must be included in each e-mail transmission. Comments submitted by facsimile will not be accepted.

### **Pennsylvania's Plan To Reduce Pollution Going To Chesapeake Bay Does Not Meet EPA Requirements**

Matthew Ehrhart, Executive Director of Chesapeake Bay Foundation's Pennsylvania office, released this statement after completing a preliminary review of the Department of Environmental Protection's draft Watershed Implementation Plan designed to reduce nutrients and sediment in Pennsylvania streams going to the Chesapeake Bay. The EPA's Total Maximum Daily Load (TMDL) requirements compel all Bay states to do even more to protect our streams, rivers, and the Chesapeake Bay from intensive nutrient pollution. An essential part of the TMDL process is the development of state WIPs. The purpose of the WIPs is to detail how the Commonwealth intends to meet pollution-reduction goals and improve water quality in local rivers, streams, and the Chesapeake Bay. Earlier this month Pennsylvania, Maryland and Virginia submitted their initial drafts to EPA. Rather than providing a tangible roadmap on how to achieve goals necessary to restore clean water in Pennsylvania and the Bay, it is our conclusion that the draft WIP is largely a summary of programs and initiatives that already exist. The plan does not clearly articulate the strategy, programs, resources, and timing to be employed to meet the obligations of the TMDL and provide reasonable assurance that our goals will be met. Pennsylvania and the other Bay states must meet federal water quality clean standards. These requirements have been in place for nearly 40 years through the Federal Clean Water Act, yet they have been widely ignored or under-enforced. The responsibility of cleaning up our water does not rest solely on the shoulders of any one source – everyone must do their share – equitably. It is up to us to create and implement the plan to fix the problem. And unlike past initiatives, EPA has laid out consequences that we will face if states fail to deliver that plan. DEP says a total of over 19,000 miles of Pennsylvania's rivers and streams, inside and outside the Chesapeake Bay Watershed, do not meet federal water quality standards. A copy of the draft Watershed Implementation Plan is available online at [http://www.portal.state.pa.us/portal/server.pt/community/chesapeake\\_bay\\_program/10513](http://www.portal.state.pa.us/portal/server.pt/community/chesapeake_bay_program/10513).

### **EPA Takes Penalty Action against Manheim Farm for Unpermitted Waste Discharges**

(PHILADELPHIA – September 21, 2010) The U.S. Environmental Protection Agency today announced that it has issued an Administrative Penalty Order in the amount of \$6,000 to Melvin and Moses Petersheim of Manheim Pa. for illegally discharging pollutants from their Manheim farm to a nearby stream without a required Clean Water Act permit. On April 1, EPA inspected the farm of Melvin Petersheim, who owns farmland on which he operates an egg-laying operation with approximately 36,000 hens. His brother Moses has a dairy operation with about 80 dairy cows on the same property. The inspection determined the Petersheims did not have a permit, but were discharging pollutants, including nitrogen and phosphorus from animal manure and milkhouse washwater into a tributary of Chickies Creek, a tributary of the Susquehanna River. On June 1, EPA ordered the Petersheims to cease discharging pollutants to the waters, or obtain the required permits, and comply with the permits by implementing the required pollution reduction measures. The farm is located in the Chesapeake Bay watershed. This action is part of the Agency's multi-state, multi-media compliance and enforcement strategy to improve water quality in local waterways and the Bay. EPA will continue conducting inspections of farms in the Lancaster County area over the coming months. For more information about the Chesapeake Bay watershed compliance and enforcement strategy visit <http://www.epa.gov/compliance/civil/initiatives/chesapeakebay.html>.

### **State Conservation Commission Approves \$4.5 Million In REAP Conservation Tax Credits**

The State Conservation Commission has approved the review of eligible applications for the Resource Enhancement and Protection (REAP) farm conservation tax credits and approved all \$4.5 million in credits available for FY 2010-11 fiscal year. The amount available this year was cut from \$5 million in FY 2009-2010 and \$10 million in FY 2008-09. For more information, visit the REAP Tax Credit webpage at [http://www.agriculture.state.pa.us/portal/server.pt/gateway/PTARGS\\_0\\_2\\_24476\\_10297\\_0\\_43/http://10.41.0.36/AgWebsite/ProgramDetail.aspx?name=Resource-Enhancement-and-Protection-%28REAP%29-&navid=12&parentnavid=0&palid=22&](http://www.agriculture.state.pa.us/portal/server.pt/gateway/PTARGS_0_2_24476_10297_0_43/http://10.41.0.36/AgWebsite/ProgramDetail.aspx?name=Resource-Enhancement-and-Protection-%28REAP%29-&navid=12&parentnavid=0&palid=22&)

### **PPL Brunner Island Preserve Fall 2010 Environmental Programs**

DATE	PROGRAM	LOCATION*	TIME
Sat., Oct. 16	OPEN HOUSE – Brunner Island Power Plant	BI**	1-4 p.m.
Thur., Oct. 21	Four Seasons – Nature Photography	CR**	7-8 p.m.
Sat., Nov. 20	Nature Walk and Animal Tracking	BIW	10-11:30 a.m.
Wed., Dec. 8	Ice Farming the Susquehanna River	CR**	7-8 p.m.

Note: Advance registration is required for all programs at Brunner Island Power Plant because of security requirements. \*\*

Location Code: \*\*BI- Brunner Island Power Plant \*\*CR – Brunner Island Power Plant Main Conference Room, Gate A BIW– Brunner Island Wetlands

## **PPL Holtwood Preserve Fall 2010 Environmental Programs**

DATE	PROGRAM	LOCATION*	TIME
Sat., Oct. 16 Sun., Oct. 17	Conestoga Area Historical Society's Fall Harvest Festival	C	10 a.m. to 4 p.m. Noon to 4 p.m.
Wed., Nov. 3	Canals & Canal Life	HEC	6:30-8 p.m.
Sat., Nov. 6	Lock 12 Historical Walk	L12	1-2:30 p.m.
Sat., Dec. 4	Bluebird Box Trail Maintenance	HEC	2-3 p.m.

\* Location Code: HEC – Holtwood Environmental Center L12 – Lock 12 Historical Area C – Conestoga

For more information, please visit [www.pplpreserves.com](http://www.pplpreserves.com), Call 1-800-354-8383 or e-mail [pplpreserves@pplweb.com](mailto:pplpreserves@pplweb.com). For current river conditions, call the Lower Susquehanna Hot Line at 1-800-692-6328.

### **Go Green! Monthly Newsletter**

America is shifting to a "green culture" where all 300 million citizens are embracing the fact that environmental responsibility is everyone's responsibility. To help, you can sign up to receive EPA's new consumer newsletter, GO GREEN! EPA launched this monthly email newsletter to provide "what you can do" information about activities and events that we can use in our homes, communities, and offices. Subscribe:

<http://www.epa.gov/newsroom/gogreen/>

### **Sign Up Today For The 2010 Oh Deer! Environmental Forum – Oct 11 – Nov 20**

Cacapon Institute invites high school classes to join our upcoming Oh Deer! Environmental Forum. In this six-week online dialogue, students will challenge one another over the internet to understand the complex environmental and societal impacts of deer overpopulation and find solutions acceptable to their community. Students participating in Oh Deer! will explore a conservation issue relevant to their daily lives, whether they live near Rock Creek Park in D.C., the Potomac Highlands of WV, or anywhere in between. Overabundant deer are seriously damaging forests throughout the Chesapeake Bay watershed. Since healthy forests play an essential role in watershed protection, overabundant deer are a watershed issue as well as an ecosystem health issue. Consider engaging students in a terrestrial Meaningful Watershed Educational Experience by protecting forest or planting a riparian buffer while studying ecosystem balance. CI can provide technical support and additional resources for these and other watershed projects.

- For teachers: Oh Deer! is a good fit for required curriculum in science, agriculture, persuasive writing, and social studies classes. The eForums also help teachers meet their 21st Century Education requirements. A science teacher from S. Columbia H.S. (PA) told us; "I took a 'Classrooms for the Future' course - required by school for grant fulfillment - and everything they wanted us to do was addressed in these forums...real-world problems, collaboration, use of technology, etc."
- For environmental organizations. The eForum provides an opportunity for watershed & other environmental organizations to engage students in their group's issues and mission and enlist high school youth in local stewardship projects. Consider partnering with a teacher to mentor a class on ecosystem management.

Oh Deer! lessons are free of charge, "off the shelf", and available 24/7. Visit Oh Deer! by clicking on the phone at

[www.cacaponinstitute.org/high.htm](http://www.cacaponinstitute.org/high.htm). To sign up click on "eForum Information & Sign Up" at the above link, or contact Frank Rodgers / 304-856-1385 / [frodgers@cacaponinstitute.org](mailto:frodgers@cacaponinstitute.org).

### **York Audubon Society 27th Annual Bird Seed Sale – Oct 27**

The York Audubon Society is pleased to sponsor its 27th annual wild bird seed sale. This is an excellent opportunity to purchase quality seed at discounted prices and support the environmental education and conservation programs of York Audubon Society, a non-profit organization. Proceeds from the sale allow the society to fund numerous environmental education and conservation programs throughout York County. For example, you may have attended one of our monthly education presentations at Luther Memorial Evangelical Lutheran Church; or visited our winter bird feeders at Pinchot State Park, Rocky Ridge York County Park or Codorus State Park; or journeyed with us across the county on a field trip. Help us continue funding environmental education. Be sure to encourage your friends who enjoy feeding birds to purchase seed from us. The birds and the environment.

- TO ORDER: MAIL TO: Richard Humbert – (for more information call: 717-266-1864) 1090 Canal Road Ext., Manchester, PA 17345
- ORDER DEADLINE: WEDNESDAY, OCTOBER 27, 2010
- PICKUP DATE: SATURDAY, OCTOBER 30TH 9AM - 3PM

LOCATION: SHILOH NURSERIES/BROWN'S NORTH PARKING LOT



## **WATERSHED FINANCIAL ASSISTANCE**

### **Sprint over to the Chesapeake Forum and freshen up your website! PA Scholarships available**

Are you proud of your organization's website? Is it up-to-date and attractive? Can you make changes or additions without frustration? Can you use it to carry out interactive education, fundraising, or policy advocacy campaigns? If the answer to any of these questions is "no," we may be able to help. With the generous support of the Foundation for Pennsylvania Watersheds, the Chesapeake Bay Trust, and The Campbell Foundation, the Alliance for the Chesapeake Bay will offer our first-ever "Website Sprint" at this year's Chesapeake Watershed Forum.

The Foundation for Pennsylvania Watersheds is offering a limited number of \$1,000 scholarships to Pennsylvania watershed associations, land trusts, soil and water districts, RC&Ds, and related organizations to attend this comprehensive training at the Chesapeake Watershed Forum, November 11-14. Your organization does not need to be in the Chesapeake Watershed to qualify. You'll leave the Chesapeake Forum with a shiny new website that is complete, powerful and easy-to use after a few days spent with our crack team of technology and communications experts. Want to learn more? We will hold an orientation webinar 2 p.m., Oct 5. Check out <http://cwf-websprint.waterwordsthatwork.com/learn-more>. We'll go over what participants get, what it costs, and what kinds of financial support are available. The Chesapeake Watershed Forum is a three day/two night conference at the USFWS's NCTC facility in Shepherdstown, WV that

brings together representatives from local watershed organizations and local governments to learn the latest restoration science and direction, network with other groups facing similar challenges, and be inspired to continue the work of preserving and restoring the Chesapeake Bay Watershed. If you're interested in a scholarship for just the Forum, email Lou Etgen at [letgen@allianceforthebay.org](mailto:letgen@allianceforthebay.org). More about the Forum at [http://allianceforthebay.org/?page\\_id=823](http://allianceforthebay.org/?page_id=823)

#### **NOAA: Open Rivers Initiative - Closes November 17, 2010**

Through its Open Rivers Initiative, NOAA's Restoration Center provides technical expertise and financial assistance to remove dams and barriers and restore habitat for the many species that migrate between the ocean and the nation's freshwater rivers and streams. This initiative contributes to sustainability of U.S. fisheries, provides an economic boost for communities, and improves public safety. <http://www.habitat.noaa.gov/funding/ori.html>

#### **Coldwater Heritage Partnership Announces Opening of Grant Program to Protect Pennsylvania's Coldwater Streams - Dec 17**

The Coldwater Heritage Partnership (CHP) has announced the opening of the Coldwater Conservation Grants Program to protect and conserve the health of Pennsylvania's coldwater ecosystems. The CHP is a cooperative effort of Pennsylvania Council of Trout Unlimited (PATU), the Pennsylvania Department of Conservation and Natural Resources (DCNR), the PA Fish and Boat Commission (PFBC), and the Foundation for Pennsylvania Watersheds. Applications for grants will be accepted through December 17, 2010.

- Coldwater Conservation Planning Grants: These grants are designed to help develop conservation plans that identify the values and threats to the health of our coldwater ecosystems that have naturally reproducing trout. The collected information can be used as a catalyst for more comprehensive planning or for development of watershed improvements projects. The partnership will award grants averaging approximately \$6,000 to organizations to outline strategies that best conserve and protect our coldwater fisheries. Additional details can be found in the attached grant application.
- Coldwater Conservation Implementation Grants: These grants are designed to help implement the numerous projects identified in completed Coldwater Conservation Plans. Since 2003, sixty five Coldwater Conservation Plans have been funded. Many have identified important projects that will protect and conserve coldwater ecosystems. Projects funded under this category must be identified in an already completed Coldwater Conservation Plan (list attached), and must enhance, conserve or protect the coldwater stream for which the plan was completed. The partnership will award grants averaging approximately \$7,000. Additional details about types of projects can be found in the attached grant application.

For more information, contact PATU Coldwater Resource Specialist Deborah Nardone at (814) 359-5233, or visit the Coldwater Heritage Partnership website at [www.coldwaterheritage.org](http://www.coldwaterheritage.org).

#### **Energy Program Applications - Dec 31**

The first round of project applications have been assessed and evaluated. A total of ten organizations were selected for participation in the Energy Program. The projects include two new construction projects, a renovation project, a solar energy project and 6 energy retrofits. Applications for the next round of Energy Program assessments are due by December 31, 2010. If your organizations wishes to be considered for our technical and financial assistance the first step is to complete an assessment application. For more information visit the Program web site at: [http://www.yccf.org/grants\\_energy.asp](http://www.yccf.org/grants_energy.asp)

#### **Grant News - Fall Webinars Planned - Apr 20**

The Bureau of Recreation and Conservation administers DCNR's Community Conservation Partnerships Program, which combines several state and federal funding sources into one grant program. Read more... <http://www.dcnr.state.pa.us/brc/newsletter-10/9/10-09-FallWebinar.aspx>



### **WATERSHED FACILITATION ASSISTANCE**

#### **SAVE THE DATE - 5th Annual CHESAPEAKE WATERSHED FORUM - Nov 11-14**

November 11 - 14, 2010, National Conservation Training Center, Shepherdstown, West Virginia. Come and join us this fall as we celebrate the diversity of the Chesapeake watershed with workshops, forums, networking and social activities. Don't miss this opportunity to keep your watershed organization (staff, board, volunteers) or your local government up-to-date in the latest best management practices, emerging issues concerning the Chesapeake Bay, scientific techniques and organizational capacity building skills. Three Pre-forum Workshops will be offered this year from. Thursday, November 11 to Friday, November 12

- Conservation Landscaping
- Leading for Impact
- Website "Sprint"

Registration fees (includes room and board) remain the same. Pre-forum workshops (\$85.00, \$95.00 after Oct. 12, 2010). Chesapeake Watershed Forum (\$175.00, \$195.00 after Oct. 12, 2010) So what you are waiting for?? Go and check out the registration details at [http://allianceforthebay.org/?page\\_id=823](http://allianceforthebay.org/?page_id=823)

#### **Environmental Law® Boot Camp - Nov 10-12**

The Environmental Law Institute's 19th Annual Eastern Boot Camp on Environmental Law® is open for enrollment! The 2010 Eastern Boot Camp will run from NOVEMBER 10-12 at the Washington, DC offices of [K&L Gates LLP](http://www.klgates.com). For the discounted rate of \$700 (\$300 for ELI [Public Interest Program organizations](#)), public interest employees who join ELI gain admission to the 3-day course and earn almost 20 hours of CLE credit, including one hour of ethics. Additionally, for each three paying participants from your organization, ELI will waive the course fee of one additional participant (4 for 3). Boot Camp is a training opportunity designed primarily for attorneys new to environmental law and management practice, although experienced practitioners have found past Boot Camps provide a useful refresher affording insight into current practice. The course has a strong legal focus, however, it is accessible to professionals other than lawyers, such as corporate environmental managers, paralegals, and technical staff who need or would benefit from a more thorough understanding of environmental

law. ELI's course is led by approximately 20 carefully selected senior practitioners and environmental managers. Topics will include the Clean Air Act, the Clean Water Act, Federal Chemicals Regulation, Property Development Issues (including wetlands, NEPA, and the ESA), Contaminated Properties, Ethical Issues in Environmental Law, Criminal Enforcement Issues, International Environmental Law, and more! No other course offers as much insight into the actual practice of environmental law. The registration deadline for the course is OCT. 29th. For registration forms, the agenda/faculty list and hotel information, please visit the Boot Camp website [http://www.eli.org/Bootcamp/east\\_main.cfm](http://www.eli.org/Bootcamp/east_main.cfm).

### **PSTA Conference – Dec 1-3**

The PSTA banquet on Thursday, Dec. 2, Hershey Convention Center, has received sponsorship; reducing the cost of the meal ticket from \$45 to \$25. So come out and join us in celebration and hear about the "NASA Experience" from Kevin Butler, aerospace engineer, and Capt. Ken Ham, astronaut. There is the leadership dinner Wednesday, December 1, 2010 featuring table talk and a great key speaker. Sessions and workshops Thursday and Friday to fit all grades and interests. Field trips to nearby science rich facilities. How can you not want to attend! See other details about the convention at [www.pascience.org](http://www.pascience.org). It is not too early to plan to attend this important professional development experience at Hershey December 1-3.

### **The Inaugural 2011 National Green Infrastructure Conference – Feb 23-25**

February 23-25, 2011 in Shepherdstown, WV. Join us to hear nationally recognized speakers from across the country discuss key elements for success and vital lessons-learned. Be part of developing the strategy for the future of green infrastructure! AGENDA Topics: PUBLIC HEALTH, SOCIAL EQUITY, TRANSPORTATION, ECONOMIC DEVELOPMENT, CLIMATE CHANGE, & OTHER EMERGING ISSUES. Participate in the development of a national strategy for Green Infrastructure! REGISTRATION DEADLINE: January 21, 2011. Register: [www.conservaionfund.org/GIC2011](http://www.conservaionfund.org/GIC2011).



## **WATERSHED TECHNICAL ASSISTANCE**

### **World's Rivers in 'Crisis State'. Report Finds**

ScienceDaily (Oct. 1, 2010) — The world's rivers, the single largest renewable water resource for humans and a crucible of aquatic biodiversity, are in a crisis of ominous proportions, according to a new global analysis. The report, published Sept. 30 in the journal Nature, is the first to simultaneously account for the effects of such things as pollution, dam building, agricultural runoff, the conversion of wetlands and the introduction of exotic species on the health of the world's rivers. The resulting portrait of the global riverine environment, according to the scientists who conducted the analysis, is grim. It reveals that nearly 80 percent of the world's human population lives in areas where river waters are highly threatened posing a major threat to human water security and resulting in aquatic environments where thousands of species of plants and animals are at risk of extinction. The Nature report was authored by an international team co-led by Charles J. Vörösmarty of the City University of New York, an expert on global water resources, and McIntyre, an expert on freshwater biodiversity.

### **Expanding Threat of Hypoxia in U.S. Coastal Waters**

ScienceDaily (Sep. 14, 2010) — A report issued September 3 by key environmental and scientific federal agencies assesses the increasing prevalence of low-oxygen "dead zones" in U.S. coastal waters and outlines a series of research and policy steps that could help reverse the decades-long trend. The interagency report notes that incidents of hypoxia – a condition in which oxygen levels drop so low that fish and other animals are stressed or killed – have increased nearly 30-fold since 1960. Incidents of hypoxia were documented in nearly 50 percent of the 647 waterways assessed for the new report, including the Gulf of Mexico, home to one of the largest such zones in the world. Federal research programs are addressing many aspects of the problem of hypoxia, and coordination among the relevant governmental entities is increasing, the report finds; as a result, some areas are now in better condition than they were a few decades ago. But overall, management efforts to stem the tide of hypoxia "have not made significant headway," the report concludes, in part due to increased development and population growth in coastal watersheds. The new report, produced by an interagency working group of the National Science and Technology Council's Committee on Environmental and Natural Resources, also notes that climate change may be causing or exacerbating the problem. Chesapeake Bay, in the mid-Atlantic region, has suffered from repeated summer bouts of hypoxia going back at least to the 1950s. The report also documents expanding efforts to reduce the flow of nutrients into coastal waters. The report had significant inputs from the Environmental Protection Agency (EPA), Department of Agriculture (USDA), U.S. Geological Survey (USGS), and the Virginia Institute of Marine Science. It provides a comprehensive list of the more than 300 U.S. coastal water bodies affected by hypoxia and, in eight case studies, highlights a range of representative ecosystems affected by hypoxia. It also describes Federal investments in research and monitoring of hypoxia and identifies future research priorities that span several Federal agencies. Enhanced monitoring of rivers and coastal waters and more support for research to understand the complex underlying science of hypoxia and to predict the range of impacts of hypoxia on ecosystems will be crucial if current trends are to be reversed, the report concludes. As a national assessment, the report also provides crucial baseline information to assess future progress in controlling hypoxia.

### **Insecticides from Genetically Modified Corn Are Present in Adjacent Streams. New Study Reveals**

ScienceDaily (Oct. 3, 2010) — A new study by University of Notre Dame ecologist Jennifer Tank and colleagues reveals that streams throughout the Midwest are receiving transgenic materials from corn crop byproducts, even six months after harvest. Transgenic maize (corn) has been genetically engineered to produce its own insecticide, a delta endotoxin from the bacterium *Bacillus thuringiensis* (Bt). Bt endotoxins deter crop pests, such as the European corn borer. In a 2007 paper in the Proceedings of the National Academy of Science (PNAS), Tank and a group of researchers demonstrated that transgenic materials from corn (pollen, leaves, cobs) do, in fact, enter streams in the agricultural Midwest and can be subsequently transported to downstream water bodies. In a new paper published in PNAS, Tank and colleagues investigated the fate and persistence of the material and its associated Cry1Ab insecticidal protein using a synoptic field survey of 217 stream sites in northwestern Indiana six months after crop harvest. Tank points out that a majority of streams in the Midwestern corn belt are located in close proximity of corn fields. Previous research has overlooked the potential for crop byproducts from transgenic corn to enter and be dispersed by headwater streams. This research emphasizes that there is a tight link between streams and adjacent agricultural fields and

dispersal of crop byproducts could affect natural ecosystems beyond field boundaries. Other authors of the paper include Emma J. Rosi-Marshall at The Cary Institute of Ecosystem Studies, Todd V. Royer of Indiana University, Matthew R. Whiles of Southern Illinois University, David J. Treering of Loyola University Chicago, and Natalie A. Griffiths and Therese C. Frauendorf of Notre Dame.

#### **New Analysis Shows Long-term Changes in Nutrient Pollution from Rivers to the Chesapeake Bay**

September 2010 – The U.S. Geological Survey (USGS) has developed a new method for tracking progress toward reducing nitrogen and phosphorus pollution from the streams and rivers that flow to the Chesapeake Bay. The new analysis reveals mixed news about progress toward reducing nutrients over the past 31 years, particularly during the last decade. Since 2000, nitrogen has been decreasing in the Susquehanna and Potomac rivers, while levels are nearly unchanged in the James and Rappahannock rivers. During the same period, phosphorus levels changed minimally in the Susquehanna, while there were moderate decreases in the Potomac and measurable increases and the James and Rappahannock. Looking back even farther, scientists found a substantial improvement in pollution loads from the Patuxent River since 1978. Phosphorus from the Patuxent declined by 75 percent from 1978-2000, while nitrogen declined by about 26 percent during the same time period and an additional 15 percent from 2000-2008. These improvements are likely due to large investments in advanced wastewater treatment facilities. Conversely, there was a 53 percent increase in nitrogen from the Choptank River from 1978-2008. Much of the increase is attributed to groundwater flowing into the river from deep below the land surrounding the river. The new method takes multiple factors into consideration: seasonality, variations in river flow, and long-term trends driven by human activities, such as wastewater treatment and land management USGS, a Chesapeake Bay Program partner, works with other partners to collect data for the Bay Program's Nontidal Water Quality Network and provides critical science to the Bay Program partnership. Learn more about USGS Chesapeake Bay activities at <http://chesapeake.usgs.gov>. The new analysis is available online in a report from the Journal of the American Water Resources Association.

#### **PROPOSED RULEMAKING ENVIRONMENTAL QUALITY BOARD – Stream Redesignations (Deer & Gunpowder Creeks)**

[25 PA. CODE CH. 93] [40 Pa.B. 5337] [Saturday, September 18, 2010] The Environmental Quality Board (Board) proposes to amend §§ 93.9d, 93.9f, 93.9i and 93.9o to read as set forth in Annex A. This proposed rulemaking was developed as a result of aquatic studies conducted by the Bureau of Water Standards and Facility Regulation. The physical, chemical and biological characteristics and other information on these waterbodies were evaluated to determine the appropriateness of the current and requested designations using applicable regulatory criteria and definitions. In reviewing whether waterbodies qualify as HQ or EV waters, the Department considers the 93.4b (relating to qualifying as High Quality or criteria in § Exceptional Value Waters). Based upon the data and information collected on these waterbodies, the Department recommends the Board adopt this proposed rulemaking as described in this preamble and as set forth in Annex A. Copies of the Department's stream evaluation reports for these waterbodies are available on the Department's web site or from the contacts whose addresses and telephone numbers are listed in Section B. The following is a brief explanation of the recommendations for each waterbody:

- Deer Creek and Little Falls (stream codes 06761 and 06859)—Deer Creek and Little Falls are both freestone streams with the majority of their basins in Maryland. Both streams are in the Susquehanna River watershed. Portions of Deer Creek and Little Falls that lie in this Commonwealth are situated in York County. Candidate portions of the Deer Creek basin flow through Shrewsbury, Hopewell and Fawn Townships and Shrewsbury, Stewartstown and Fawn Grove Borough. Candidate portions of Little Falls basin flow through Shrewsbury Township and New Freedom Borough. Deer Creek is currently designated CWF, MF and Little Falls is currently designated WWF, MF. Portions of both basins that lie in this Commonwealth were evaluated for redesignation as HQ-CWF in response to a petition from the Shrewsbury Township Board of Supervisors. All stations in both basins were compared to an EV reference station on Rock Run, a freestone tributary to French Creek. None of the stations qualified for redesignation as HQ based on stream metrics. Based on applicable regulatory definitions and 93.4b, the Department recommends that the Deer Creek requirements of § basin retain its current CWF, MF designation. As indicated by the available physical, benthic macroinvertebrate and fish data, the aquatic habitat found in the Little Falls Creek basin supports a cold water fishery. Portions of Little Falls basin that lie within this Commonwealth should be redesignated CWF, MF to reflect the current aquatic life use. The candidate portion of Little Falls includes 5.7 stream miles.

Overall, this Commonwealth, its citizens and natural resources will benefit from this proposed rulemaking because it provides the appropriate level of protection to preserve the integrity of existing and designated uses of surface waters in this Commonwealth. Protecting water quality provides economic value to present and future generations in the form of clean water for drinking, recreational opportunities and aquatic life protection. It is important to realize these benefits to ensure opportunity and development continue in a manner that is environmentally, socially and economically sound. Maintenance of water quality ensures its future availability for all uses. For further information, contact Rodney A. Kime, Chief, Division of Water Quality Standards, Bureau of Water Standards and Facility Regulation, 11th Floor, Rachel Carson State Office Building, P. O. Box 8467, 400 Market Street, Harrisburg, PA 17105-8467, (717) 787-9637; or Michelle Moses, Assistant Counsel, Bureau of Regulatory Counsel, 9th Floor, Rachel Carson State Office Building, P. O. Box 8464, Harrisburg, PA 17105-8464, (717) 787-7060. Persons with a disability may use the Pennsylvania AT&T Relay Service, (800) 654-5984 (TDD users) or (800) 654-5988 (voice users). This proposed rulemaking is available electronically through the Department of Environmental Protection (Department) web site: <http://www.depweb.state.pa.us>.

#### **Conservation Communities: Creating Value with Nature, Open Space, and Agriculture**

By: Edward T. McMahon, Urban Land Institute – The beneficial impact of conservation development as way to both accommodate population growth and save land in outlying suburbs and rural areas is highlighted in Conservation Communities: Creating Value with Nature, Open Space, and Agriculture, a new publication from the Urban Land Institute (ULI). Authored by ULI Senior Resident Fellow for Environmental Policy Edward T. McMahon, the book showcases conservation communities as a shift away from the sprawling, highly land-consumptive development practices of the past to more sustainable practices that will pick up momentum as the economy recovers. According to McMahon, conservation development – which involves preserving large amounts of land in perpetuity as part of the overall development plan – can temper the backlash against sprawl that has spawned widespread no-growth movements in many of the outlying "greenfield" areas far from urban cores. "When new development is balanced with plans for the permanent protection of open space, Americans are more likely to accept responsible development initiatives as reasonable and appropriate," McMahon writes. "The first principle of better development is figuring out where not to develop. This applies at every scale, from the individual site, to the neighborhood, to the region. Every community needs a long-range conservation plan...When citizens think all land is up for grabs, they are likely to oppose all new development everywhere." The

publication defines conservation development as the process of planning, designing, building, and managing communities that preserve landscapes or other community resources that are considered valuable for their aesthetic, environmental, cultural, agricultural, and/or historic values. The term also can refer to a community that results from this process. "Conservation development requires an integrative, systemic and holistic approach to land use planning and development," McMahon explains. "It can help communities preserve open space and protect rural character. Most important, it can enhance property values, minimize infrastructure costs, and foster the development of graceful, environmentally responsible, and livable communities that appeal to today's increasingly sophisticated consumer." The difference between conventional and conservation development: Conventional development, says the publication, is guided by the rules of geometry, the principles of physics, the protocols of engineering and the values of efficiency and wealth maximization. Conservation development differs from conventional in its focus on all uses of the site – on open space as well as the built environment. "While many conventional development projects include open space for these purposes, conservation development focuses on the quality, quantity, and characteristics of the land to be preserved. Conservation development goes beyond simply setting aside open space to identify which land should be preserved and for what purposes," McMahon writes. Among the benefits of conservation development: reduced capital costs (less need for new infrastructure); lower risk of environmental hazards, including flooding and water pollution; a healthier lifestyle due to a living environment that encourages physical activity; better land stewardship; market differentiation; potential for positive publicity; higher perceived value and quality; and the satisfaction of doing the right thing. Resource(s): [https://netforum.uli.org/eweb//DynamicPage.aspx?webcode=bookstore\\_home&prd\\_name=](https://netforum.uli.org/eweb//DynamicPage.aspx?webcode=bookstore_home&prd_name=)

#### **Elevated nutrients in the Nation's Streams and Groundwater—A Continuing Issue**

The NAWQA Program released its national assessment on nutrients in streams and groundwater. Available on the Internet (<http://water.usgs.gov/nawqa/nutrients/pubs/circ1350/> are two USGS publications (Circular 1350 and Fact Sheet 3078), along with a briefing sheet prepared for a congressional briefing to be held September 24, Frequently Asked Questions, supporting technical information (graphics, maps, tables, and data), and related links. The information describes nutrient concentrations in the Nation's water resources, key sources of nutrients, factors affecting nutrient concentrations, potential effects on humans and aquatic life, and changes in concentrations since the early 1990s. Implications of the findings touch on many environmental issues, including those related to (1) developing nutrient criteria for surface water bodies, (2) reducing nutrients to receiving waters, (3) setting realistic expectations for water-quality improvements following nutrient reduction strategies, and (4) managing elevated nutrients in drinking water from surface-water intakes and wells. For questions, concerns, or more information: Please contact Pixie A. Hamilton, [pahamilt@usgs.gov](mailto:pahamilt@usgs.gov), (804) 261-2602 (office), (804) 301-3869 (cell).

#### **Black & Veatch Survey Provides Insights on Stormwater Infrastructure Investments**

Overland Park, Kan. (13 September 2010) – A valuable knowledge resource for stormwater utilities that includes elements of how to address combined sewer overflows and data related to billing consumers was released today. The results of Black & Veatch's eighth Stormwater Utility Survey, comes at a time when utilities and local governments wrestle with numerous pressures including climate change, aging infrastructure, water quality and access to capital. The Black & Veatch survey provides valuable benchmark information on stormwater utility operations, user fee programs, key issues and trends that will help cities establish or enhance existing stormwater utility operations. A key finding of the survey shows that 47 percent of participants believe funding for their respective stormwater utility only meets the utility's most urgent needs, and 10 percent stated that funding was not sufficient to meet their most urgent needs. Read survey results [www.stormh2o.com/the-latest/black-veatch-survey.aspx](http://www.stormh2o.com/the-latest/black-veatch-survey.aspx).

#### **DEP Proposed Regulations**

The following proposed regulation was published in the [Pennsylvania Bulletin](#) on 9/25/2010:

- Sulfur Limits in Commercial Fuel Oil - This proposed regulation is accessible at <http://www.pabulletin.com>. The public comment period closes on 11/29/2010. Comments may be submitted to the Environmental Quality Board at any one of the following addresses: U.S. Mail: EQB, P.O. Box 8477, Harrisburg, PA 17105-8477; Electronically: [RegComments@state.pa.us](mailto:RegComments@state.pa.us); Street Address: 16th Floor, Rachel Carson State Office Building, 400 Market Street, Harrisburg, PA 17101-2301.

#### **DEP e-Notice**

- 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](#).
- On 9/21/2010, the EQB took the noted actions on the following final regulations:
  - Adhesives, Sealants, Primers and Solvents – Approved
  - Flat Wood Paneling Surface Coating Operations – Approved
  - Lead and Copper Short Term Revisions – ApprovedYou will be notified when the approved final regulations are submitted to the House and Senate Environmental Resources and Energy Committees and the Independent Regulatory Review Commission (IRRC).