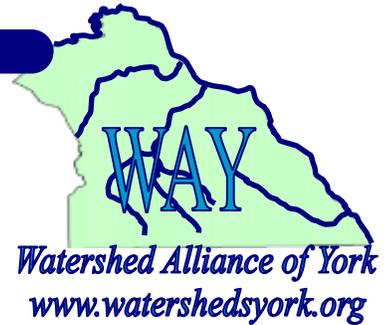


# WAY E-NEWS

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



July 19, 2010

A PUBLIC-PRIVATE PARTNERSHIP

Volume 10, Issue 15

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- Stormwater Workshop Summary Released
- New Stormwater Management Manual Online
- Washington Stormwater Research Report Available
- National Water Program Conference Proceedings Online
- Watershed Science Bulletin Launched
- Pond/Wetland Management Guidebook
- EPA Releases Implementation Guidance on CAFO Regulations
- EPA's Rulemaking Gateway ([www.epa.gov/rulemaking](http://www.epa.gov/rulemaking))
- DEP eNOTICE - Regulation Update.

## 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 – (877) 772-3673**

- Illegal dumping on state forest and park lands

**MUNICIPAL (Phonebook Blue Pages)**

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

**NOXIOUS PLANTS – (717) 772-5209**

**RECYCLING – (717) 845-1066**

**WETLANDS – (717) 249-2522**

*Updated 3/18/2010*

## 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 Improvement Partnership - [www.codoruscreek.com](http://www.codoruscreek.com)

<> Contact: Michael Helfrich, Codorus Creek Improvement Partnership, at 324 W. Market St., York PA 17401. Ph: 717-718-5431. E-mail: [info@codoruscreek.com](mailto:info@codoruscreek.com)

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

- Oct 11 - CCWA Meeting of Members and Board, 7:00 pm, at York Water Co. (Mt. Rose Ave.)

<> Contact: Jim Leaman at 843-2929

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

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

- Sep. 2 - 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/>

- NEW! Check out our new website

<> 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@juno.com](mailto:beckymill1@juno.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)

Looking for something fun to do later this summer? Why not come out to the Farm? Join us on Saturday, August 7, from 11-5

<> 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 - [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: [lowsusriver@hotmail.com](mailto:lowsusriver@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)

<> 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)

- Jul 30 – Next MAEscapes Advisory Board meeting at ANNEX, 6:30 pm

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

**Peach Bottom Concerned Citizens Group Inc.** - [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** - [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/>

- 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!
  - 7/25 - Kayak/Canoe the Susquehanna
- <> Kim Anderson at [sgfornyc@aol.com](mailto:sgfornyc@aol.com).

**Spoutwood Farm CSA** - [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/>

- New Water Trail Website – SGHA, in conjunction with the Chesapeake Bay Gateways Network and the PA Department of Conservation and Natural Resources, is pleased to unveil the new Susquehanna River Water Trail website for the Lower Susquehanna, [www.SusquehannaWatertrail.org](http://www.SusquehannaWatertrail.org). This website offers information on river and trail accessibility, as well as information on purchasing water trail map and guides.
  - Zimmerman Center Site Improvements – On March 26th SGHA received official notice from the National Park Service/Chesapeake Bay Gateways Network that we have been awarded a \$100,000 grant award to fund construction design and permitting work for new visitor facilities at the Zimmerman Center. This grant allows us to move forward with the development of a new water trail landing facility, with floating dock, canoe/kayak launch, access/interpretive pavilion, boardwalk, shorefront garden; new pedestrian road crossing and pathway network; access drive/parking lot enhancements; and new trailhead and interpretive pavilion for the adjacent Native Lands County Park and Heritage Trail. Learn more about the Site Improvements at our open house, Saturday, August 7, 4-6 p.m at the Zimmerman Center for Heritage - 1706 Long Level Rd., Wrightsville, PA 17368.
- <> 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** - [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** - [www.codorustu.org](http://www.codorustu.org)

- Aug 11 – Monthly Chapter Meetings 2<sup>nd</sup> 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/>

- Jul 21 – Chapter Meeting at [Collinsville Fish & Game](http://Collinsville Fish & Game)

<> Contact: Ron Heuston, President MCTU, 244-1851 or [Heuy1955@aol.com](mailto:Heuy1955@aol.com)

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

- The Watershed Alliance of Adams County holds its board meeting monthly. Board meeting dates have changed to the fourth Tuesday of the month. All board meetings are held at the Adams County Agricultural and Natural Resources Center at 4:30pm unless otherwise specified. The public is invited to attend.

<> Contact: Michelle Kirk 717-677-4628 or email at: [mkirk@adamswatersheds.org](mailto:mkirk@adamswatersheds.org)

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

- Oct. 6 – Meeting of WAY Board of Directors, 7:00 PM, at 324 W. Market St., York, PA.
- COMMUNITY CLEANUPS – WAY to help coordinate and finance your community's illegal dump cleanup.
- COMMUNITY EVENTS – Got a community event planned for 2010 that you would like WAY to exhibit its display? Contact us.
- SPEAKERS BUREAU – Need a speaker for your event? Contact WAY's speakers bureau composed of local experts in watershed-based planning, restoration and planning.
- WAY E-News – Published by the Watershed Alliance of York, Inc. to inform the public about news and information that affect York County watersheds and beyond. PLEASE SHARE WITH YOUR MEMBERSHIP AND E-MAIL LIST. Contributions of news, events and information relating to watershed education, funding, planning, restoration, protection, and stewardship welcome. Send contribution to and contact

us for mailing list additions/changes to the e-mail address below. Distribution: electronic (1,850). Frequency: bi-weekly. Subscription: No charge. Editor: Gary R. Peacock.

- [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)

- Sep 8 – YBWA Board Meeting
- Oct – TBA - Annual Membership Meeting
- Dec 8 – YBWA Board Meeting

<> 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/) – <http://www.yorkaudubon.org/>

<> Contact Tom Smith at 717-246-9767 or [ts35@psu.edu](mailto:ts35@psu.edu).

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

- Board meets 2<sup>nd</sup> Friday, 11:30 a.m. (December-March) and 2<sup>nd</sup> 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](http://www.ycpc.org) – [www.ycpc.org](http://www.ycpc.org)

- Meets 1<sup>st</sup> 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., 2<sup>nd</sup> Floor.

<> Contact YCPC at 717-771-9870 or [planner@ycpc.org](mailto:planner@ycpc.org)



### **WATERSHED EDUCATION & OUTREACH**

#### **PA CleanWays - Keep Pennsylvania Beautiful Releases Findings for York County Illegal Dumpsite Survey**

YORK – PA CleanWays - Keep Pennsylvania Beautiful has released the report for York County from their Illegal Dumpsite Survey Program. The following counties were surveyed for dumpsites this past fall and spring; Beaver, Blair, Cambria, Cameron, Clearfield, Clinton, Huntingdon, Juniata, Lebanon, Mifflin, Union, and York. PA CleanWays - Keep Pennsylvania Beautiful has surveyed 49 counties, locating 5,098 dumpsites with a total estimated tonnage of 15,805.32 tons. The illegal dump surveys can be downloaded at [www.pacleanways.org/IDS/ids\\_index.html](http://www.pacleanways.org/IDS/ids_index.html). Funding for this latest round of surveys was provided through grants from the Pennsylvania Department of Environmental Protection, the Community Foundation for the Alleghenies, the Robert A. Anderson Family Fund and the Codorus Watershed Endowment of the York County Community Foundation, as well as a contribution from the Watershed Alliance of York. For more information about PA CleanWays - Keep Pennsylvania Beautiful and its programs, visit [www.pacleanways.org](http://www.pacleanways.org).

#### **Clean Water for All: County Leaders Speak Out for Clean Water**

The Conservation Leaders Network recently released a new report, "Clean Water for All: County Leaders Speak Out for Clean Water." This report tells the local stories of water pollution and destruction and the resulting harm and expense to communities. Read report...

[http://www.conservationleaders.org/Clean%20Water%20for%20All\\_FINAL.pdf](http://www.conservationleaders.org/Clean%20Water%20for%20All_FINAL.pdf)

#### **"Smart Buoys" Provide Data on Chesapeake Bay Health**

The NOAA Chesapeake Bay Interpretive Buoy System (CBIBS) supports the use and management by providing the data and information needed to improve safety, enhance the economy, and protect the environment. The system consists of seven high-tech buoys which deliver real-time data on weather, water conditions, and water quality. For more information: <http://chesapeakebay.noaa.gov/cbibs>

#### **EPA Launches Online Map Tracking Enforcement in Chesapeake Bay Watershed**

The U.S. Environmental Protection Agency has launched an online map that shows the locations of federal air and water enforcement actions in the Chesapeake Bay watershed. The map is part of EPA's increased focus on enforcement of federal pollution laws in the Chesapeake Bay region. More information on the map:

<http://www.epa.gov/compliance/civil/initiatives/progress-chesapeakebay.html>

#### **Online Tool Generates Outreach Materials**

The Source Water Collaborative, a group of federal, state and local partners working to protect America's drinking water, recently released a toolkit called "Your Water. Your Decision." Using this interactive, online toolkit, you can create a customized drinking water outreach guide targeted at your local policymakers. In just a few minutes, the tool will generate a printable document that emphasizes your local or regional drinking water issues, lists available local and state resources, and includes concrete steps that local officials can take to protect source water. To get started, visit [www.yourwateryourdecision.org](http://www.yourwateryourdecision.org).

### **Online "Water Sourcebooks" contain 324 activities for grades K-12.**

The U.S. Environmental Protection Agency's online "Water Sourcebooks" contain 324 activities for grades K-12. This balanced approach program explains the water management cycle and shows how it affects all aspects of the environment. All activities contain hands-on investigations, fact sheets, reference materials and a glossary. The program sections are available in PDF format and may be printed and copied. For more information: U.S. EPA - Welcome to Water Sourcebooks <http://www.epa.gov/safewater/kids/wsb/>

### **Freshwater Invertebrate Flash Card Sets Released**

McDonald & Woodward Publishing recently released four new educational resources based on J. Reese Voshell's book A Guide to Common Freshwater Invertebrates of North America. The resources include the QuickGuide to Major Groups of Freshwater Invertebrates (a double-sided laminated brochure available for \$5.95) and three sets of Flash Cards of Common Freshwater Invertebrates of North America (three sets of 32 two-sided waterproof cards at \$39.95 each). The first flash card set covers the major classes and orders of freshwater invertebrates, and would be best suited for teaching biology and ecology at the K-12 levels, for interpretation and outreach activities, and for biomonitoring of freshwater streams and ponds. The second and third flash card sets address the taxa at the family level and therefore provide more detail. These sets would be most useful for teaching the principles of biology and ecology at advanced high school and college levels; for training instructors who would be conducting interpretation or outreach activities; and for biomonitoring carried out by experienced citizen volunteers, agency personnel and professional scientists. For more information, see [www.mwpubco.com/environmentaleducation.htm](http://www.mwpubco.com/environmentaleducation.htm).

### **Consumers Save Money. Water with EPA's WaterSense Program**

Showerheads added to the WaterSense product list In 2009, EPA's WaterSense program helped consumers save more than 36 billion gallons of water and \$267 million on their water and sewer bills. That's nearly four times as much water as consumers saved with WaterSense labeled toilets, faucets, and faucet accessories in 2008. EPA created WaterSense in 2006 as a voluntary program to label products that are at least 20 percent more water efficient and perform as well as or better than standard models. WaterSense labels toilets, bathroom faucets and faucet accessories, flushing urinals, new homes, and, most recently, residential showerheads. WaterSense also certifies programs for irrigation professionals. With about 17 percent of all residential indoor water use in the United States going to showering, replacing a water-hogging showerhead with a WaterSense labeled model can save enough water each year to wash more than two months' worth of laundry. Like all WaterSense labeled products, showerheads must be independently tested and certified to meet EPA's efficiency and performance criteria before they can earn the label. With the addition of showerheads, consumers can now renovate their bathrooms with a full suite of WaterSense labeled products. A bathroom remodel that includes a WaterSense labeled toilet, faucet, and showerhead will not only conserve water, but also save enough electricity each year to run a refrigerator for two months and save about \$60 in utility bills. WaterSense, a partnership program sponsored by EPA, seeks to protect the future of our nation's water supply by offering people a simple way to use less water with water-efficient products, new homes and services. More information on WaterSense labeled showerheads:

<http://www.epa.gov/watersense/products/showerheads.html>

### **Handbook Highlights Psychology of Sustainable Behavior**

Dr. Christie Manning with the Minnesota Pollution Control Agency recently released The Psychology of Sustainable Behavior: Tips for empowering people to take environmentally positive action, available for free download at [www.pca.state.mn.us/oea/publications/p-ee1-01.pdf](http://www.pca.state.mn.us/oea/publications/p-ee1-01.pdf). The handbook introduces readers to research-based tips from psychology to help support personal, community and workplace efforts to empower sustainability. The handbook begins with an overview of the psychology of sustainable behavior, providing a short background on this field of study. The handbook then describes how the tips from psychology fit into sustainability campaigns and explains how individual sustainability contributes to broader social and policy change.

### **Read about Wetlands This Summer**

Looking for some summer reading material for your family? The U.S. Environmental Protection Agency's (EPA's) Wetlands Division offers a comprehensive online wetland reading list for children, teenagers and young adults. Themes in the books help readers learn about the roles that wetlands play in our environment and the significant benefits they provide—improved water quality, increased water storage and supply, reduced flood and storm surge risk, and critical habitat for plants, fish and wildlife. Available at [www.epa.gov/wetlands/science/readlist.html](http://www.epa.gov/wetlands/science/readlist.html), the EPA's Wetlands Reading List is an annotated list of printed material that can supplement teachers' lesson plans and provide students with suggestions for independent reading on wetlands. The list includes more than 100 books of all types—fiction, non-fiction and picture books. Entries are listed alphabetically by grade level: primary (pre-kindergarten to grade 2), elementary (grades 3 to 5), intermediate (grades 6 to 8) and secondary (grades 9 to 12). Most books in the list include a citation, a short summary of the book and a comment section that explains its significance to wetlands. The books should be available at your local public library, a school library, an environmental education center, a book store or through an online book seller.

### **Discover Watershed Initiative Makes Information Available Through Cooperative Extension**

Penn State Cooperative Extension has opened a new Discovery Watershed Initiative webpage to showcase some of the tools and approaches developed for nutrient and sediment reduction within Pennsylvania's watersheds. The Initiative will also publish an online newsletter, Watershed Winds, that interested readers can subscribe to by email. Many of the best management practices and partnership building activities in the Conewago Watershed, Pennsylvania's showcase watershed will be highlighted, but other watershed agencies and organizations also have stories to tell. Goals are to provide tools that will help communities: Reduce pollutant loads; Improve local water quality; Remove stream impairments; and Enhance communication among statewide partners. The program will extend lessons learned from pilots such as the Conewago Creek Collaborative Conservation Initiative, a 3-year pilot project in Lancaster, Lebanon, and Dauphin Counties, and other successful programs to make them accessible to watershed efforts statewide. Watershed restoration efforts are nothing new in Pennsylvania. State, municipal, agency and community folks have been cleaning up streams, planting buffers, controlling erosion and more across the state. The mission of this newsletter is to share information among the groups carrying on this vital activity. Through CCCI, various agricultural and stormwater Best Management Practices are in development or are coming into practice. Information on those practices and opportunities to learn more will be shared here. The process of identifying and connecting potential partners will be described. Descriptions of resources and expertise that different agencies have available, links to data from stream monitoring, mapping and other resources will be part of the stories told from the Conewago and elsewhere in the state. Cooperative Extension invites municipalities, agencies and watershed

groups with stories or information to share to contact the Discovery Watershed Initiative. For more information, visit the Discovery Watershed Initiative webpage at <http://extension.psu.edu/water/discovery-watersheds>

#### **Environmental Education and Training Partnership ([www.eetap.org](http://www.eetap.org))**

The Environmental Education and Training Partnership's (EETAP's) Web site delivers environmental education training, services and resources to education professionals across the U.S. The site offers environmental education guidelines, standards, and accreditation and certification information. EETAP's site features sections on cultural diversity and environmental literacy, and offers EETAP bulletins, articles and study reports.

#### **EPA's Nonpoint Source Pollution Home Page ([www.epa.gov/nps](http://www.epa.gov/nps))**

The U.S. Environmental Protection Agency (EPA) recently revised its nonpoint source pollution (NPS) homepage. Visitors can find basic information about NPS pollution—where it comes from, how it affects the environment, and ways that we can control it. The home page offers a "quick finder" to connect visitors to other NPS pollution-related topics such as total maximum daily loads and watershed planning. Visitors can easily access NPS pollution-related discussion boards, newsletters and events listings.

#### **Community Pharmacies launch medicine take-back program**

Visit [www.disposemy meds.org](http://www.disposemy meds.org) to find a community pharmacy near you that will take back unused medicines. Hosted by the National Association of Community Pharmacies, [www.disposemy meds.org](http://www.disposemy meds.org) is an online resource to help you to find medication disposal programs at a local independent community pharmacy. Enter your zip code in the Pharmacy Locator to find your nearest participating pharmacy. Some states sponsor medicine return programs as well. To see what some are doing, check out <http://www.medicinereturn.com> (Washington State) and <http://www.safemeddisposal.com/> (Maine). Another site of interest is <http://www.smarxtdisposal.net/index.html>. This site gives instructions for proper disposal of medicines when a take-back program is not available. It also has downloadable brochures and other handouts on disposal options and why flushing is bad.



### **WATERSHED FINANCIAL ASSISTANCE**

#### **NACo Offers Green Infrastructure Training Scholarships – Jul 26**

NACo will offer scholarships to the Conservation Fund's introductory "Conservation Planning using Green Infrastructure" course, Sept. 13-17, in Shepardstown, W.Va. The NACo scholarship will cover the \$950 course fee for a limited number of elected officials and staff from NACo member counties. Applications are due by July 26.

[http://www.naco.org/Content/ContentGroups/Programs\\_and\\_Projects/Environmental1/Water1/ScholarshipApplication.doc](http://www.naco.org/Content/ContentGroups/Programs_and_Projects/Environmental1/Water1/ScholarshipApplication.doc)

#### **Watershed Protection and Restoration Grants and Flood Protection Grants through the Growing Greener Plus Program – Sep 17**

As part of the 2010 Department of Environmental Protection's (Department) Growing Greener Plus Program, applications are now being accepted for watershed protection and restoration grants. Under 27 6101–6113 (relating to Environmental Stewardship and Pa.C.S. §§ Watershed Protection Act), the Department is authorized to allocate these grants to a variety of eligible applications including: counties, authorities, other municipalities; county conservation districts; watershed organizations recognized by the Department who promote local watershed conservation efforts, council of governments, and other authorized organizations involved in the restoration and protection of the environment in this Commonwealth. For the upcoming grant round, the Department will invest in projects that will ultimately protect and/or restore this Commonwealth's watersheds from impairment due to nonpoint source pollution. Examples of special priority areas include: Chesapeake Bay Nutrient Reduction—implementation of projects leading to quantitative load reductions of nitrogen, phosphorus and sediment within the Chesapeake Bay Watershed; projects located in "priority" watersheds that reduce the source of impairment and "priority" type activities that lead to water quality restoration or protection. Examples of eligible projects could include reducing nonpoint source pollution in watersheds where streams are impaired; integrating stormwater management and flood protection into watershed management; encouraging the beneficial use of abandoned mine pool water; and water conservation strategies, and projects that will help reduce Total Maximum Daily Load pollutants. Through the same application process, applicants can also apply for funding through the Department's Flood Protection Grant Program and Section 319 Nonpoint Source Grant. Flood protection grants are for communities that operate and maintain State and Federal flood protection projects. Section 319 Grants focus on funding similar projects to Growing Greener but with special emphasis within targeted watersheds. The deadline for submitting applications to the Department's Growing Greener Grants Center (Center) is September 17, 2010. Applications must be postmarked no later than September 17, 2010. If hand delivered, the package must be received by the Center by 4 p.m. on September 17, 2010, at the address that follows. Late submissions will not be considered. To request or download an application or obtain more information concerning the Growing Greener Programs, visit the Growing Greener web site at [www.depweb.state.pa.us](http://www.depweb.state.pa.us) (DEP Keyword: Growing Greener). Persons can send e-mails to [GrowingGreener@state.pa.us](mailto:GrowingGreener@state.pa.us) or contact the Center at (717) 705-5400. Written requests should be addressed to Department of Environmental Protection, Grants Center, 15th Floor, Rachel Carson State Office Building, 400 Market Street, P. O. Box 8776, Harrisburg, PA 17105-8776.

#### **DEP Now Accepting Applications For Recycling Performance Grants – Sep 30**

The Department of Environmental Protection is now accepting applications for recycling performance grants until September 30.

Applications and updated information on the grants will be posted on the DEP Recycling Performance Grants webpage at

<http://www.portal.state.pa.us/portal/server.pt?open=514&objID=589532&mode=2>

#### **DEP Accepting Applications for Nitrogen Tire Inflation Grants**

Harrisburg (July 8) – Automotive service providers can now apply for financial assistance to purchase and install systems that will help their customers get better gas mileage and increase the life of their tires by inflating them with nitrogen. Under the Pennsylvania's Nitrogen Tire Inflation System Grant Program, service providers are eligible for up to \$5,000 in reimbursement costs. Applicants must provide a 50-percent match of the equipment's total cost. The equipment must deliver at least 95 percent nitrogen according to manufacturer specifications and it

must have been installed after July 1, 2010. A total of \$100,000 is available for reimbursements. Read More <http://www.portal.state.pa.us/portal/server.pt/community/newsroom/14287?id=12725&typeid=1>



**WATERSHED FACILITATION ASSISTANCE**

**York County RailTrails Planning Workshop – Jul 20**

The public is invited to help plan the rail-trail system.

- Paul Smith Library, Shrewsbury, 4:00-5:30 pm
- Dover Twp. Log House 7:30-9:00 pm

For more info, contact YCRTA at 717-428-0999 or [www.yorkcountyrails.org](http://www.yorkcountyrails.org).

**Don't miss out on this great professional development training! Advanced Wetland Plant ID – Aug 2-4**

This three-day course is designed for professionals who have basic plant identification training and experience, including those looking for a refresher course. Key field characteristics of select vascular plant families will be covered, and the identification and recognition of major plants found in both uplands and wetlands will be emphasized. Instructor: William Sipple. Date: August 2-4, 2010. Cost: \$600 includes field excursions, course materials and snacks. Time: 8:30AM-5:00PM at Environmental Concern's Wetland Learning Center. For more information on the course or to register visit us online at [www.wetland.org](http://www.wetland.org) or call us at 410-745-9620. We look forward to talking to you soon!

**POND MANAGEMENT - Aug 5**

A Program of the College of Agricultural Sciences, and Capital Region Cooperative Extension

- Thursday, August 5, 2010 6:00 p.m. to 8:00 p.m., Nixon County Park Nature Center Nixon Drive York, PA 17407

Participants can bring a sample of the most abundant plants in their pond. Bring a container of pond water contain-ing your plants. Books will be available to help identify the plants. This exercise relates to plant manage-ment in your pond. By understanding the ecology or your pond and how to control vegetation you can enhance the beauty and health of your pond. Registration Fee: \$10 per person includes refreshments and notebook of materials. \$3 for additional person from same home/farm. Share a notebook. Please make checks payable to: PSCE Fund Please return registration form and payment by: July 27, 2010 York County Extension Office 112 Pleasant Acres Road, York, Pa. 17402 Phone: 717-840-7408 Fax: 717-755-5968

**BRUNNER ISLAND Summer 2010 Environmental Programs**

| DATE           | PROGRAM           | LOCATION* | TIME            |
|----------------|-------------------|-----------|-----------------|
| Fri., Aug. 20  | Hibiscus Walk     | H-B       | 9-11 a.m.       |
| Sat., Sept. 18 | Monarch Tagging   | BIW       | 10 a.m. to noon |
| Sat., Sept. 25 | Watershed Cleanup | H-B       | 9 a.m. to noon  |

\*Location Code: BIW – Brunner Island Wetlands H-B – Hibiscus Natural Area/Boat Ramp

**HOLTWOOD Summer 2010 Environmental Programs**

| DATE            | PROGRAM                                                                                         | LOCATION* | TIME            |
|-----------------|-------------------------------------------------------------------------------------------------|-----------|-----------------|
| Sat., July 24   | Whoooo are the Owls?                                                                            | PCG       | 2- 3 p.m        |
| Sat., Aug. 21   | Paws, Claws, Scales & Tails                                                                     | PCG       | 2-3 p.m         |
| Sun., Aug. 22   | KTA Training Hike #2:<br>Pequea Creek Campground to Norman Wood Bridge                          | PCG       | 10 a.m.         |
| Wed., Aug. 25   | Edible Plants                                                                                   | HEC       | 7-8:30 p.m.     |
| Sat., Sept. 11  | Susquehanna Super Hike & Ultra Trail Run                                                        | PCG       | 7 a.m. - 7 p.m. |
| Friday., Oct. 8 | PA Hunter/Trapper Education Course<br>**Independent study required prior to classroom testing** | HEC       | 6:30-9:30 p.m.  |

\* Location Code: HEC – Holtwood Environmental Center L 12 – Lock 12 Historical Area PCG – Pequea Creek Campground

For more information, please visit our Web site at [www.pplpreserves.com](http://www.pplpreserves.com). Call 1-800-354-8383 or e-mail [pplpreserves@pplweb.com](mailto:pplpreserves@pplweb.com). For more information on the current river conditions, call the Lower Susquehanna Hot Line at 1-800-692-6328. additional program details can be found on the Calendar of Events at [www.pplpreserves.com](http://www.pplpreserves.com)



**WATERSHED TECHNICAL ASSISTANCE**

**US Approach to Farming Should Change to Meet New Challenges. Expanding Needs. Report Says**

ScienceDaily (June 29, 2010) — U.S. farmers are under pressure to produce more, pollute less, fulfill consumer preferences, and make a living – all with increasingly scarce natural resources and the uncertain effects of climate change, says a new report from the National Research Council. To help U.S. agriculture evolve to meet these demands, the report concludes, national agricultural policies and research programs should look beyond focusing only on low costs and high production and adopt a holistic perspective to farming that encompasses multiple end

goals. To help achieve a sustainable agriculture system that looks beyond the end goal of providing more goods, the committee identified four goals that should be considered simultaneously:

- satisfy human food, fiber, and feed requirements, and contribute to biofuels needs
- enhance environmental quality and the resource base
- maintain the economic viability of agriculture
- improve the quality of life for farmers, farm workers, and society as a whole

The committee emphasized that achieving a balance of the four goals, and creating systems that can adapt to fluctuating conditions, are hallmarks of greater sustainability. Achieving the goals will require long-term research, education, outreach, and experimentation by the public and private sectors in partnership with farmers. Moreover, two parallel and overlapping approaches – one incremental and one transformative – could help meet these goals, the committee proposed. The incremental approach would expand ongoing endeavors to create farming practices that improve sustainability, regardless of size or type of farming system. The transformative approach would bring together multiple disciplines of research to identify and design a vision for a balanced agricultural system. Although the report lays out a framework toward attaining sustainable farming systems, the report stresses that farmers' decisions to employ new practices are influenced by external forces, such as science, markets, public policies, land tenure arrangements, and their own values, knowledge, skills, and resources. The committee said that efforts to promote widespread adoption of different farming practices and systems would require knowing how individual, household, farm, and regional characteristics affect farmers' response to incentives and disincentives. The report "Toward Sustainable Agricultural Systems in the 21st Century" is available at: [http://www.nap.edu/catalog.php?record\\_id=12832](http://www.nap.edu/catalog.php?record_id=12832)

#### **Balanced' Ecosystems Seen in Organic Agriculture Better at Controlling Pests, Research Finds**

ScienceDaily (July 1, 2010) – There really is a balance of nature, but as accepted as that thought is, it has rarely been studied. Now Washington State University researchers writing in the journal *Nature* have found that more balanced animal and plant communities typical of organic farms work better at fighting pests and growing a better plant. The researchers looked at insect pests and their natural enemies in potatoes and found organic crops had more balanced insect populations in which no one species of insect has a chance to dominate. And in test plots, the crops with the more balanced insect populations grew better. Read article <http://www.sciencedaily.com/releases/2010/06/100630132752.htm>

#### **USDA Posts Agricultural Field Nutrient Loss Database**

The USDA recently released its "Measured Annual Nutrient loads from Agricultural Environments" (MANAGE) database for public use (see [www.ars.usda.gov/spa/manage-nutrient](http://www.ars.usda.gov/spa/manage-nutrient)). The database provides (1) measured nutrient load and concentration data and corresponding watershed characteristics from numerous field-scale studies; (2) readily accessible, easily queried information to support water quality management, modeling and future research design; and (3) a platform allowing user input of additional project-specific data.

#### **Forest Service Releases Report on Forests and Drinking Water**

In 2009 the Forest Service released *Forests, Water and People: Drinking water supply and forest lands in the Northeast and Midwest United States*, a report that shows the geographic connection between forests, water, and people—sometimes called the “forest-to-faucet” connection—and demonstrates the importance of private forests for protecting surface drinking water quality. Developed in partnership with the Northeastern Area State and Private Forestry, U.S. Department of Agriculture and the University of Massachusetts Forest to Faucet Partnership, the analysis used a geographic information system-based process and a series of maps to create a watershed condition index based on physical and biological attributes. Using a multi-step process, the partners then used the index to compare 540 watersheds across 20 states and the District of Columbia based on their ability to produce clean water. The study also quantified the magnitude and scope of forest-dependent drinking water supplies, and their dependence on private forests. It also identified watersheds that are threatened by land use change or are in need of management to sustain and improve forests that protect water supplies. The final maps and data display development pressure on private forests in watersheds important for drinking water. To view the report and maps, see [http://na.fs.fed.us/watershed/fwp\\_preview.shtm](http://na.fs.fed.us/watershed/fwp_preview.shtm).

#### **Climate Change Report Released**

In December 2009, the U.S. Department of Agriculture, in cooperation with the University Corporation for Atmospheric Research and the U.S. Global Change Research Program (USGCRP), released *The Effects of Climate Change on U.S. Ecosystems* (see [www.usda.gov/img/content/EffectsofClimateChangeonUSEcosystem.pdf](http://www.usda.gov/img/content/EffectsofClimateChangeonUSEcosystem.pdf)). The report provides an accessible summary of findings contained in a U.S. scientific assessment project commissioned by the USGCRP and released in May 2008. The authors added new information that provides additional detail on the original findings. Based on a wealth of source and review literature, the report concludes that climate change is already affecting U.S. agriculture, land resources, water resources and biodiversity, and will continue to do so. The report identifies the effects climate is having and is expected to have on natural resources and ecosystem services in the U.S. over the next several decades.

#### **Forest Service Software Quantifies the Benefits of Trees**

The USDA Forest Service's i-Tree software suite (see [www.itreetools.org](http://www.itreetools.org)) provides tools to analyze the benefits of urban and community forests. The i-Tree software helps communities of all sizes strengthen their urban forest management and advocacy efforts by quantifying the environmental services that trees provide and the structure of the urban forest. Communities, nonprofit organizations, consultants, volunteers and students have used i-Tree to report on the urban forest at all scales—some of these case studies are featured on the Web site. Developed by the Forest Service and numerous cooperators, i-Tree is in the public domain and available by request through the Web site.

#### **New Rapid Detection Method for Bacteria Developed**

Engineers from the UCLA Henry Samueli School of Engineering and Applied Science have developed a new in-field method for analyzing bacteria concentrations in marine water and freshwater in less than one hour. The new rapid method represents a field-portable alternative to more expensive procedures, particularly where larger-scale, expensive equipment is not readily accessible. To decrease the time to determine results, the researchers outfitted a portable kit to test samples for bacterial concentrations. The process uses magnetic beads conjugated to specific antibodies that identify and bind fecal bacteria such as *E. coli* and *Enterococcus*. After a few filtration and isolation steps, the sample organisms are lysed (broken down) and treated with an enzyme that catalyzes a light-emitting reaction. The scientists can then determine

bacterial concentrations by measuring the amount of light released. The process is called covalently linked immunomagnetic separation/ adenosine triphosphate quantification technique (Cov-IMS/ATP). For more information, see <http://sites.google.com/site/jennyjaygroup/beach-research/imsatp> or [www.newsroom.ucla.edu/portal/ucla/ucla-engineers-developed-faster-154426.aspx](http://www.newsroom.ucla.edu/portal/ucla/ucla-engineers-developed-faster-154426.aspx).

#### **E-Handbook for Managing Decentralized Wastewater Treatment Systems Updated**

The EPA Office of Wastewater Management recently expanded its Handbook for Managing Onsite and Clustered (Decentralized) Wastewater Treatment Systems with the addition of an "E-Handbook." The E-Handbook features resource guides containing detailed information on the 13 management program elements featured in the existing management handbook: public education, planning, performance, site evaluation, design, construction/installation, operation/maintenance, inspections/monitoring, residuals management, training/certification, financial assistance, inventory/ recordkeeping, and compliance assurance. The E-Handbook focuses on individual and clustered wastewater systems that discharge to the soil, but the information can also be applied to small systems that discharge to surface waters through federal or state National Pollutant Discharge Elimination System permit programs. The E-Handbook is intended for health departments, wastewater system management entities, local governments, and others involved in managing multiple individual or clustered treatment systems. Each resource guide contains detailed information on each program element topic and links to other resources, case studies and examples of successful management programs. The resource guides in the E-Handbook can be accessed via Web links in the current Management Handbook posted at [www.epa.gov/owm/onsite](http://www.epa.gov/owm/onsite).

#### **USGS Studies Highlight Contaminant Transport to Wells**

New U.S. Geological Survey (USGS) groundwater studies explain what, when and how contaminants may reach public water supply wells. A wells' vulnerability to contamination varies because of differences in three factors: the general chemistry of the aquifer, groundwater age, and direct paths within aquifer systems that allow water and contaminants to reach a well. The USGS tracked the movement of contaminants in groundwater and in public water supply wells in four aquifers in California, Connecticut, Nebraska and Florida. The importance of each factor differs among the various aquifer settings, depending upon natural geology and local aquifer conditions, as well as human activities related to land use and well construction and operation. Findings in the four different aquifer systems can be applied to similar aquifer settings and wells throughout the United States. For more information, see the fact sheets and video podcast at <http://oh.water.usgs.gov/tanc/NAWQATANC.htm>.

#### **Document Identifies Smart Growth Essentials**

In November 2009, EPA's Smart Growth Office released a new resource—Essential Smart Growth Fixes for Urban and Suburban Zoning Codes ([www.epa.gov/smartgrowth/pdf/2009\\_essential\\_fixes.pdf](http://www.epa.gov/smartgrowth/pdf/2009_essential_fixes.pdf)). This document identifies and suggests solutions for the most common code and ordinance barriers faced by governments as they try to implement smart growth techniques.

#### **EPA Guidance Helps Federal Facilities Better Manage Stormwater**

In December 2009 EPA issued new guidance to help federal agencies minimize the impact of federal development projects on nearby water bodies as required by Section 438 of the Energy Independence and Security Act of 2007. That law requires that "The sponsor of any development or redevelopment project involving a federal facility with a footprint that exceeds 5,000 square feet shall use site planning, design, construction, and maintenance strategies for the property to maintain or restore, to the maximum extent technically feasible, the predevelopment hydrology of the property with regard to the temperature, rate, volume, and duration of flow." The guidance provides technical information on low impact development practices and recommends methodologies for determining pre-development hydrology and techniques for estimating approaches that will achieve that level of on-site control. Federal agencies can comply using a variety of stormwater management practices, including reducing impervious surfaces, using vegetative practices, using permeable pavements and installing green roofs. These same approaches may be used to similar effect in the development and redevelopment of non-federal facilities. For more information on the guidance, see [www.epa.gov/owow/nps/lid/section438](http://www.epa.gov/owow/nps/lid/section438).

#### **Stormwater Workshop Summary Released**

EPA recently released a summary report on its Regional Science Workshop on Stormwater Management, held in Edison, NJ on October 20–22, 2009. This workshop brought together science experts from within and outside EPA to identify ongoing research and research needs relevant to stormwater management across EPA Regions 1, 2 and 3. For more information, see [www.epa.gov/nrmrl/pubs/600r09157/600r09157.pdf](http://www.epa.gov/nrmrl/pubs/600r09157/600r09157.pdf).

#### **New Stormwater Management Manual Online**

The University of Minnesota and St. Anthony Falls Laboratory recently launched an online manual describing how to measure the performance of and maintain stormwater treatment practices. The manual, Stormwater Treatment: Assessment and Maintenance, builds on the knowledge and experience of engineers, researchers, faculty, consultants, watershed districts and many others. Available at <http://stormwaterbook.saf1.umn.edu>, the manual creates guidelines for assessing performance, reporting results, and scheduling maintenance which allows for comparison of practices across geography, stormwater treatment practice type, season and watershed.

#### **Washington Stormwater Research Report Available**

The Water Environment Research Foundation recently released Flow Control and Water Quality Treatment Performance of a Residential Low Impact Development Pilot Project in Western Washington. This report, available at [www.ndwrcdp.org/publications/04DEC11SG.pdf](http://www.ndwrcdp.org/publications/04DEC11SG.pdf), documents the results from one of the first low impact development (LID) monitoring efforts in the Puget Sound region. Funded in part by the USEPA, it is one of a few projects nationally to evaluate the performance of LID practices when integrated into a residential stormwater management system. LID practices used in the project design include bioretention swales, pervious concrete, compost amended soils and surface flow dispersion.

### **National Water Program Conference Proceedings Online**

The conference proceedings for the 2010 Land Grant and Sea Grant National Water Conference, held in Hilton Head, South Carolina on February 21–25, 2010 are now online at [www.usawaterquality.org/conferences/2010](http://www.usawaterquality.org/conferences/2010). Slide presentations, posters and other conference documents are available for download.

### **Watershed Science Bulletin Launched**

The Association for Watershed Professionals recently launched the Watershed Science Bulletin, a new peer-reviewed journal that will be published semiannually beginning in fall 2010. Each issue of the Bulletin revolves around a central theme related to watershed and stormwater management, and engages readers with information on the latest policies, research, case studies, and technologies related to that theme. For more information, see [www.awsps.org](http://www.awsps.org).

### **Pond/Wetland Management Guidebook**

EPA has released a guidebook that describes maintenance and inspection practices for existing wet ponds and wetlands. The guide includes checklists for use during construction and routine maintenance of ponds/wetlands, and also includes a home owner pond inspection checklist. Maintenance profile sheets describe how to address eight different common maintenance issues. Resource: <http://www.epa.gov/npdes/pubs/pondmgmtguide.pdf>

### **EPA Releases Implementation Guidance on CAFO Regulations**

The U.S. Environmental Protection Agency (EPA) has released to the public a guidance document, "Implementation Guidance on CAFO Regulations – CAFOs That Discharge or Are Proposing to Discharge," that the Agency has developed to assist in implementing the 2008 Concentrated Animal Feeding Operation (CAFO) rule. In 2008, EPA promulgated revised regulations for CAFOs to require that CAFOs that discharge or propose to discharge must seek coverage under a National Pollutant Discharge Elimination System (NPDES) permit. The rule also clarifies that a CAFO proposes to discharge if it is designed, constructed, operated, or maintained such that a discharge will occur. Developing guidance that provides additional explanation for how to implement regulations is a routine part of how EPA fulfills its responsibilities to carry out Clean Water Act programs. This guidance will assist EPA and States with program implementation. <http://cfpub.epa.gov/npdes/afo/cafofinalrule.cfm>

### **EPA's Rulemaking Gateway ([www.epa.gov/rulemaking](http://www.epa.gov/rulemaking))**

EPA's new online Rulemaking Gateway serves as a portal to EPA's priority rules, providing citizens with earlier and more concise information about agency regulations. Rulemaking Gateway complements [www.regulations.gov](http://www.regulations.gov), the federal government's main portal for tracking rules from all federal agencies, by providing brief overviews of specific EPA rules (e.g., Clean Water Act) and additional ways to search rules based on the phases they are in (e.g., pre-proposal, proposal), the topics they relate to (e.g., air, water), and the impacts they might have (e.g., impacts on small businesses or environmental justice). The new Web site offers a distilled "snapshot" of a rule, with just enough information for a citizen to determine his or her interest in the rule. The individual then can use Rulemaking Gateway links to Regulations.gov and to other EPA sources where comprehensive information is available.

### **DEP eNOTICE - Regulation Update.**

On 7/13/2010, the EQB took the actions noted on the following proposed regulations:

- Fishing Creek, et al Stream Redesignations - Approved

On 7/13/2010, the EQB took the noted actions on the following final regulations:

- National Pollutant Discharge Elimination System Permitting, Monitoring and Compliance – Approved
- Water Quality Standards Implementation – Approved

Public 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). The DEP e-NOTICE Application is a service provided by the Pennsylvania Department of Environmental Protection.

