

WAY E-NEWS

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



April 11, 2011

A PUBLIC-PRIVATE PARTNERSHIP

Volume 11, Issue 8

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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 717-705-47047
- 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](http://www.york-county.org/gov/AUTH/agri.htm) – www.york-county.org/gov/AUTH/agri.htm

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

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

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

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

- Apr 11 – CCWA Meeting of Members and Board, 7:00 pm, at York Water Co. (Mt. Rose Ave.)
 - Apr 16 - Oil Creek Restoration Monitoring at Fuhrman Farm, Gitts Run Rd., near Hanover, from 9:00 AM to 3:00 PM.
- <> Contact: Jim Leaman at 843-2929

[Codorus Endowment Implementation Committee](http://www.yccf.org) – www.yccf.org

- An advised fund of York County Community Foundation, the Codorus Watershed Endowment (CWE) is a substantial source of charitable support for the stream's improvement and the benefit of the many York Countians who use and enjoy this critical resource - for agriculture, industry, recreation and wildlife, and for drinking water and other municipal purposes.
- <> For more information, contact the York County Community Foundation at 14 West Market Street York, PA 17401-1203. Telephone: York 717.848.3733; Hanover 717.630.1843. Email: info@yccf.org

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

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

- May 5 – Club Meeting – Mount Zion United Church of Christ, 7:00 pm, at Ridgewood Road in Pleasureville
 - Red Lion High School Paddling Instruction Schedule online
- <> Questions or comments e-mail me oc1mike@comcast.net, but remember you catch more flies with honey than vinegar.

[Deer Creek Watershed Association](http://deercreekwatershed.com/) – <http://deercreekwatershed.com/>

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

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

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

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

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

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

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

[Gunpowder Valley Conservancy](http://www.gunpowderfalls.org) – 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.

[Horn Farm Center for Agricultural Education](http://www.hornfarmcenter.org) – www.hornfarmcenter.org

Thoughts of Spring are in the air and new things are “growing” at the Horn Farm. Read all about them in this issue of “Around the Horn.”

- Register Now For Community Gardens at the HFC
 - POTATO PATCH PROJECT AT THE HORN FARM
 - Girl Scout Volunteers Around the Farm
- <> Contact: Horn Farm Center for Agricultural Education, 4945 Horn Road, York, PA 17406. Phone: (717)654-0571. Email: info@hornfarmcenter.org. Web: www.hornfarmcenter.org.

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

- Calendar of events – 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](http://www.lowersusquehannariverkeeper.org) – www.lowersusquehannariverkeeper.org

<> Contact: Michael Helfrich, Lower Susquehanna RIVERKEEPER®, York, PA. Cell phone: 717-779-7915 E-mail: lowsusriver@hotmail.com.

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

- We are gearing up for our annual River Sweep, to celebrate Earth Day, Saturday - April 23, 2011 and are seeking supporters. This will be our 11th Annual River Sweep and we expect 500+ volunteers to participate throughout Harford and Cecil Counties. Each participant will be receiving a t-shirt, gloves, bags, equipment and lunch. As a supporter, your logo will be printed on all event related media and publicity and on the t-shirts given to the volunteers. This year our support levels are: Sponsor: \$5,000; Partner: \$2,500; and Friend: \$500. To become a supporter, please contact: Brigitte Carty, ishginfo@comcast.net, 410-457-2482. If you'd like to volunteer to assist with this event or volunteer for the clean-up, please register at <http://www.hitourtrails.com/Riversweep.html>
- <> Contact: RupertRossett, Tributary Team Coordinator, e-mail: RupertRossetti@aol.com

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

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

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

- Please mark your calendars and join us to get the garden ready for Spring. Times may change, if the weather really warms up we can start earlier in the morning. Patt
 - April 16 Sat, clean up 10 AM
 - April 20, Weds, cleanup 5 PM
 - April 30, Sat, 9 AM
 - Apr 25 - Advisory Board meeting, 6:30 pm, York County ANNEX
- <> Contact: 717-840-7408 or Connie Schmotzer at cxs51@psu.edu

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

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

Prettyboy Watershed Alliance - www.prettyboywatershed.org

- Become a PWA Member: Support PWA programs and activities to preserve our watershed.
- <> Contact: Nancy Shaper at nshaper@jhmi.edu

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

- 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!
- <> Kim Anderson at sgfornyc@aol.com.

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

- Board of Directors meeting January 28, 2011, 7:00 PM, at the farm
- <> Contact Rob & Lucy Woods at Spoutwood Farm at 717-235-6610 or spoutwood@comcast.net.

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

- We are currently developing our 2011 Calendar of Events. The following events have been scheduled:
 - Wednesday, April 13 - Susquehanna Heritage Lecture Series - 6:30pm Rocks and Mining History along the Lower Susquehanna River, Presented by Jeri Jones, Jones Geological Services
 - Saturday, April 23 - Guided walking tour - Shenk's Ferry Wildflower Preserve - Lead by Mark Arbogast, Park and Recreation Expert - 10am-11:30am
- Questions? Please contact Marie Cartwright, Outreach & Communications Coordinator mcartwright@susquehannaheritage.org or 717-252-0229 ext. 4
- SGHA is pleased to announce the launch of our new membership program. If you are interested in helping support our work as a Heritage Area, or for more information about the membership program, visit our website www.SusquehannaHeritage.org or click here <http://www.susquehannaheritage.org/SGHAMembership.asp>.
- <> Contact Mark Platts, Susquehanna Heritage Corporation, 1706 Long Level Road, Wrightsville, PA 17368. Office: 717-252-0229. E-mail: info@lyhr.org.

Susquehanna Greenway Partnership - www.susquehannagreenway.org

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

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

- Apr 13 - Monthly Chapter Meetings 2nd Wednesday, 7:00 p.m., at Gander Mtn. (winter)
- <> Contact: Tom Finenze at 840-1372 or tom@codorustu.org. Cancellations due to winter weather will be announced here, and on WSBA Radio, 910 AM.

Trout Unlimited Muddy Creek Chapter #575 - <http://muddycreektu.org/>

- Apr 20 - Chapter Meeting at [Collinsville Fish & Game](http://CollinsvilleFish&Game)
- <> Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

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

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

Watershed Alliance of York – www.watershedsyork.org

- July. 6 – Annual Meeting of WAY Board of Directors, 7:00 PM, at 324 W. Market St., York, PA.
 - GoodShop Deals for WAY - <http://www.goodsearch.com/goodshop.aspx>
 - WAY E-News – Published by the Watershed Alliance of York, Inc. to inform the public about news and information that affect York County watersheds and beyond. PLEASE SHARE WITH YOUR MEMBERSHIP AND E-MAIL LIST. Contributions of news, events and information relating to watershed education, funding, planning, restoration, protection, and stewardship welcome. Send contribution to and contact us for mailing list additions/changes to the e-mail address below. Distribution: electronic (1,850). Frequency: bi-weekly. Subscription: No charge. Editor: Gary R. Peacock.
 - You can make www.goodsearch.com and be sure to enter WAY as the charity you want to support.
- <> Contact: Watershed Alliance of York, Inc. (WAY), C/o York County Conservation District, 118 Pleasant Acres Road, York, PA 17402. Phone: (717) 840-7430. Facsimile: (717) 755-0301. E-mail: gpeacock@yorkccd.org

Wecology – ***NEW!***

Yellow Breeches Watershed Association – www.ybwa.org

- YELLOW BREECHES WATERSHED ASSOCIATION BOARD OF DIRECTORS MEETING Wednesday, June 6, 2011, Messiah College Library-Athenaeum Room 6 PM.
- <> Contact: Deborah Goetz, at deborah.p.goetz@gmail.com or phone 717-697-4734

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

- <> Contact Shanna 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, April 16, 2011 – Pinchot State Park Wild Flower walk. Leaders: Tom and Alice Simmons, 717-428-3673. Meet at park at 9:00 AM.
- <> Contact Tom Smith at 717-246-9767 or tls35@psu.edu.

York County Conservation District – www.yorkccd.org

- Board meets 2nd Friday, 11:30 a.m. (December-March) and 2nd Thursday, 7:00 p.m. (Apr.-Nov.), at the York County ANNEX
 - Rain Barrel Sale! Visit our website for more information and prices.
- <> Contact: YCCD at 717-840-7430 or yorkccd@yorkccd.org

York County Parks & Recreation – www.YorkCountyParks.org

- Featuring 11 parks and approximately 4,300 acres, the York County Department of Parks and Recreation awaits your visit. Trails, lakes, pavilions, streams, and creatures of all kinds eagerly look forward to seeing you. So bundle up, pack some hot cocoa, and bring the family out to hike the trails, sled on the hills, watch the stars, and breathe in the crisp, fresh air of the New Year.
- <> For more information, contact York County Department of Parks and Recreation, 400 Mundis Race Road, York PA 17406-9721. Phone: (717) 840-7440. E-mail: Parks@York-County.org. Web: www.YorkCountyParks.org. Nixon Park Nature Center, 5922 Nixon Drive • York PA 17403. Phone: (717) 428-1961. E-mail: NixonCountyPark@york-county.org.

York County Planning Commission – www.ycpc.org

- Meets 1st Tuesday at 7:30 p.m., except Wed. Nov. 1 at 7:30 and Tues. Dec. 1, 6:00 p.m., at 28 E. Market St., 2nd Floor.
- <> Contact YCPC at 717-771-9870 or planner@ycpc.org



WATERSHED EDUCATION & OUTREACH

Who Will Stop the Rain? As it stands, God is responsible for anything beyond two inches of stormwater runoff

By Steve Carr (April 4, 2011) – Every time it rains hard around Annapolis, all hell breaks loose. Mud goes streaming into a creek or streams. Citizen watchdogs start barking. They call the mayor's office and complain that dirt is running off this or that property, usually a development site. State law requires developers to control the first inch of rain that falls on their property during a 24-hour period. Expensive control measures are required so that no sediment leaves the site. The Maryland Department of Environment is responsible for enforcing this law. What this used to mean around Annapolis was that one inspector, Chris W., who is a very diligent guy, was responsible for inspecting a huge area that included not only the city but also Anne Arundel County. That translates into hundreds of construction sites all tearing up the ground at the same time. One lone inspector cannot do the job. Chris is lucky if he can get to each site every two weeks, in which time it might rain four or five times. A lot of dirt goes unnoticed, except, of course, by the folks who happen to live near a development project. It used to be that when people called Annapolis to complain about dirt running into their local creek, they were told to call the Maryland Department of Environment in Baltimore. It was, after all, the state's problem. But nobody was happy. Citizens felt they were getting the run around, and city staff were getting yelled at for not enforcing a law over which they had no authority. Former Mayor Ellen Moyer, a champion of the environment, eventually asked the state if Annapolis could assume authority for inspecting construction sites. After about a year of wrangling, the state handed over inspection duties to the city. Annapolis is one of the few jurisdictions that no longer leaves its problems to someone else to fix. That's where I come in. I've been doing environmental work for the City of Annapolis for 16 years, eight with Moyer. I've seen a lot, but working for Mayor Josh Cohen as a part-time erosion and sediment inspector has been an eye-opening experience. The city has two inspectors. Yet at any given time, we have around 60 active projects, from small additions on a house to the building of the new Germantown Elementary School. We visit each small site at least once every two weeks and the big jobs weekly. After fighting for stricter stormwater laws

as a member of the Severn River Association and helping strengthen city stormwater policies, I figured I knew the score. I was mistaken. Current regulations are often woefully inadequate to control urban stormwater runoff. Last fall, we had more than six inches of rainfall in one day. Nowadays it is not uncommon to have gully washers in the two- to three-inch range at least once a month. Yes, our weather is changing. But our laws aren't. No matter how much it rains, developers are responsible for managing only the first inch. All the inches after that are essentially acts of god. Engineering plans are drawn up based on controlling one inch. Silt fences can handle only about two. Developers make an honest effort to do what's right. They don't want bad publicity or to kill the Bay. They really don't want inspectors shutting down their jobs whenever there's a bad storm. Everyone is doing their job and following the law, but the creeks turn brown and people always assume the worst. It's raining today. Of all the million pinpricks killing the Bay, in a city like Annapolis the biggest culprit is what runs into our storm drains every time it rains. Who will stop the rain? Either we change the law — or else point the finger at the real culprit, Mother Nature.

Heavy Spring showers bring floods to Chesapeake Bay

Spring showers may bring flowers, but over the past two years, early March runoff into the Susquehanna River watershed from heavy rains and snowmelt has brought a flood of nutrients and sediment-laden fresh water flowing into Chesapeake Bay. This heavy spring runoff has resulted in record low water clarity for the month of March in many areas of Maryland's portion of the Chesapeake Bay. Continued wet spring weather could extend these high flows that might result in fewer underwater grasses and an increase in algal blooms. More details...

<http://www.dnr.state.md.us/dnrnews/pressrelease2011/032111b.asp>.

Do you smell good today?

If so, fresh water probably had something to do with it. Have you ever made a bowl of pasta, wolfed down some soup, or chomped on a vegetable? Fresh water had something to do with that, too. Chances are good that the fabric of the clothes you're wearing, or even the power you're using to read this e-mail, came from fresh water, too. How much do you think you know about water? You get the point. There is hardly a part of our lives that fresh water doesn't somehow touch. The amount of fresh water available to humans is incredibly scarce: around 0.008% of the total volume of water on Earth. Yet, every day, we pollute and overuse what little we have. Prove you are Wild for Water. That's why Conservation International (CI) started its Wild for Water campaign. With you at our side, we're campaigning to let the world know just how important it is to protect the wild areas that provide us with our fresh water — the ecosystems upstream from our taps and our wells. And we want to let the world know just how serious we are about protecting these places! You can help. [Take our quiz to test your fresh water knowledge](#). Once you pass, we'll tell you what else you can do to be Wild for Water. Thanks for spreading the word. Your friends at Conservation International.

Coming Together for Clean Water Strategy Released

The U.S. Environmental Protection Agency (EPA) released Coming Together for Clean Water: EPA's Strategy to Protect America's Waters. This strategy charts a path for meeting the nation's clean water strategic plan goals over the next several years. Protecting the nation's water resources is not only important to the health of the nation's citizens and the environment, but clean water is also a critical resource for the economy. In April 2010 Administrator Jackson brought a broad range of stakeholders together for the Coming Together for Clean Water forum. The discussion at the forum focused on how to reinvigorate the nation's clean water programs to achieve a significant leap forward in clean water protections. The Coming Together for Clean Water strategy presents a framework for how EPA's national water program will address the challenges and highlights EPA's priorities for achieving clean water goals. This strategy focuses on the following key areas: ensuring transparency and effectively reporting on the status of the health of all waters; increasing protection of source waters and healthy watersheds; restoring degraded waters and ecosystems; reducing the amount of pollution entering our waters that impact our health and our economy; and tackling new and emerging threats to our waters in a way that will ensure healthier, more livable communities. This vision for EPA's programs is important to consistent and collaborative efforts between EPA, state and tribal partners, local government partners, the private sector and the public in order to achieve significant improvements our nation's water quality. More information is available at:

<http://blog.epa.gov/waterforum/>.

Your Watershed and Your Drinking Water

Most people don't make the connection between what is happening around them and their drinking water. Did you know.....More than 3 million Pennsylvania residents rely on drilled wells, hand-dug wells, cisterns and even roadside springs for drinking water? Water pollutants in water that can affect health often show no signs (taste, color, odor)? Private water systems should be tested annually for total coliform bacteria? Independent water testing by a certified laboratory can help homeowners avoid purchasing unnecessary water treatment equipment? Read more... http://extension.psu.edu/water/discovery-watersheds/newsletter/news/2011/your-watershed-and-your-drinking-water?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+agsci-water-watershedwinds+%28Penn+State+Watershed+Winds+Newsletter%29

What Youth Can Do for Water and Themselves

There are many projects that youth can become involved in to help protect and conserve local water resources. Service-learning helps youth gain a better understanding of their communities and how their actions can make a difference. Learn more...

http://extension.psu.edu/water/discovery-watersheds/newsletter/news/2011/what-youth-can-do-for-water-and-themselves?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+agsci-water-watershedwinds+%28Penn+State+Watershed+Winds+Newsletter%29

CALLING ALL VOLUNTEERS – 2011 Children's Water Festival in Gettysburg Needs You!

We are still in need of 40+ volunteers to ensure the success of the festival. I am hoping that some of your members or members of partnering organizations will be willing to help. Excellent opportunity for for-profit, government agencies, non-profit, watershed groups, and individuals to educate our youth about the importance of abundant, fresh water. Please respond directly to Margaret Martens, Water systems Council, below. Thank you for your interest and support! Margaret Martens, Public Education Coordinator, Water Systems Council by phone 202-625-4387 or e-mail mmartens@watersystemscouncil.org

HOLTWOOD Spring 2011 Environmental Programs

DATE	PROGRAM	LOCATION*	TIME
Sat., April 2	Garlic Mustard Pull at Shenk's Ferry	SF	9:30-11:30 a.m.
Mon., April 11	Shenk's Ferry Wildflower Walk	SF	10 a.m. to noon
Tues., April 12	Ecology of Vernal Pools	MU	7-8:30 p.m.
Sat., April 16	Earth Day at the Quarryville Library	Q	10 a.m.-2 p.m.
Thur., April 21	Shenk's Ferry Wildflower Walk	SF	10 a.m. to noon
Thur., May 19	Construction of McCall's Ferry Hydroelectric Plant in the Early 1900's, now today as Holtwood Hydroelectric Plant	HEC	7-8 p.m.
Sat., June 4	Eagles/Osprey Walk & Talk of Area Birds	L-12	9 -11 a.m.
Sat., June 4	KTA Training Hike: Lock 12 to Otter Creek Campground	L-12	9 a.m.
Sat., June 11	KTA Training Hike: Pequea Creek Campground to Norman Wood Bridge	PC	9 a.m.

* Location Code: SF – Shenk's Ferry Wildflower Preserve Q – Quarryville Library L-12 – Lock 12
 HEC – Holtwood Environmental Center MU – Millersville University, Roddy Hall PC – Pequea Creek Campground

BRUNNER ISLAND Spring 2011 Environmental Programs

DATE	PROGRAM	LOCATION*	TIME
Tue., April 12	Ecology of Vernal Pools	MU	7-8:30 p.m.
Thur., April 14	What did the Susquehanna Look Like 50 Years Ago? Note: Registration required	CR	7-8 p.m.
Sun., June 5	Wonders of the Wetlands, Nature Walk	BIW	2:30-3:30 p.m.

* Location Code: MU – Millersville University, Roddy Hall, Room 261 CR – Main Conference Room, Gate A
 BIFA – Brunner Island Fishing Area BIW – Brunner Island Wetlands

For more information, please visit our Web site at www.pplpreserves.com, call 1-800-354-8383 or e-mail pplpreserves@pplweb.com.
 For information on the current river conditions, call the Lower Susquehanna Hot Line at 1-800-692-6328.



WATERSHED FINANCIAL ASSISTANCE

NFWF 2011 Request for Proposals for Chesapeake Bay Small Watershed Grants – Jun 3

Proposals must be submitted through our online application system by June 3, 2011. We will host a webinar for potential applicants on Friday, April 29. NFWF will award these grants in partnership with the Chesapeake Bay Program, Environmental Protection Agency, US Forest Service and Altria, with additional funding support from FedEx. Grants of between \$20,000 to \$200,000 will be awarded to organizations and local governments working on a local level to protect and improve watersheds in the Chesapeake Bay basin, while building citizen-based resource stewardship. We anticipate awarding approximately \$3 million in grants through this solicitation. For more information and to register for the webinar, visit www.nfwf.org/chesapeake.

Did you know? CREP Trees Earn \$\$\$

A forested stream will remove 2-8 times more nitrogen than an equal length of grass buffered stream. Forested buffered streams treat point and non-point pollution. The pollution remediation that happens directly in a forested stream may equal the pollution preventing function of the forested buffer. The Conservation Reserve Enhancement Program can restore buffers at a net profit to the landowner of \$2000/\$4000 per acre. Want to learn more? Check out the Stroud Water Research Center Website at: <http://stroudcenter.org> and join us for our next visit to the Stroud.



WATERSHED FACILITATION ASSISTANCE

Earth Day: A Billion Acts Of Green

The Earth Day Network is organizing Earth Day 2011 around “A Billion Acts of Green”—the largest environmental service campaign in the world. With over 72 million actions to date, the campaign inspires and rewards simple, measurable acts that support sustainability. The goal is to register one billion actions in advance of the Earth Summit in Rio in 2012. A special website quantifies acts of green through an easy-to-use online registration tool. For more information, visit [A Billion Acts of Green](http://www.abillionactsofgreen.org) webpage.

“Lessons from the Land” Webinar Series Debuts March 23

The Pennsylvania Discovery Watershed program – an offering of Penn State Cooperative Extension – announces its “Lessons from the Land” webinar series. The Lessons from the Land webinar series has been developed to communicate specific examples of Pennsylvania successes in improving water quality through a variety of watershed initiatives and approaches. The objective, according to Extension State Program Leader for Natural Resources, Kristen Saacke Blunk, is “to improve our ability to share some of the extraordinary successes and innovations

that Pennsylvanians from all walks have implemented to improve the state's local watersheds." Diane Oleson, co-leader of the Penn State Discovery Watershed Program added "the Lessons from the Land webinar series is a great complement to our new Watershed Winds newsletter – both are advancing stories about watershed initiatives, successes and opportunities for Pennsylvanians."

Upcoming topics for the Lessons from the Land webinar series include:

- Lycoming County: Innovations in Environmental Markets, Trading, and Outcomes.
- The Octoraro Watershed – Conservation Outreach and Technology Transfer in a Plain Sect Community
- Riparian Buffers – Success at the Stream's Side
- A Showcase Watershed – The Conewago Creek Initiative

For details and confirmed dates for these webinars and other upcoming programs, please visit [Penn State Cooperative Extension's Water website](#) and click on Pennsylvania Discovery Watersheds. To sign onto the webinar series, please obtain a free [Friends of Penn State account](#). The [webinar site](#) will open on March 23 at 11:45 AM with a noon start time for each presentation. A URL for the recorded session will be posted after the live session.

Great artwork this year! Support Land Conservancy of Adams County – Apr 17

Please join us at the Blue Parrot Bistro, Chambersburg St. (Route #30 west) in Gettysburg on April 17. Doors open noon, auction starts 1:00 pm. Thanks for your thoughtful consideration...help LCAC keep Adams County a great place to live! You can view the Art Auction items here: <http://www.lcacnet.org/events/aaitems/>. If you are unable to attend and wish to bid on something, please let us know. Please forward this to your friends and acquaintances.

A Smarter Way to Monitor Stormwater Run-off Premieres LIVE – Apr 19

NEW WEBCAST Free. What You'll Learn:

- How technology advancement can be used to optimize storm water monitoring
- Different types of systems and the benefits of each
- Benefits of automating the sampling process

Who Should Attend: Wastewater treatment professionals, including: consultants, engineers, operators, and management.

Need More Details? Register Today! http://www.waterworld.com/index/webcasts/webcast-display/1399834285/webcasts/waterworld/live-events/smarter-way_to_monitor.html

Greenfest F&M College – Apr 23

GreenFest is the kickoff event of Sustainability Week. At GreenFest, the Franklin & Marshall community and members of the Lancaster community come together to have fun and celebrate the importance of sustainability. There is live entertainment, as well as booths and activities provided by various F&M and Lancaster area groups and organizations. <http://www.fandm.edu/beyondgreen/events/sustainability-week/greenfest>

Go Green in the City York City – Apr 23

The Shops on Beaver Street present Go Green in the City! Promoting buying fresh, buying local and being Green!

<http://www.sweetmelissasdream.com/gogreen.html>

Annual Meeting of the Farm & Natural Lands Trust – Apr 28

Please mark your calendars and plan to join members and friends of Farm & Natural Lands Trust of York County (FNLT) for our Annual Meeting on Thursday, April 28th at 5:30 PM. The Annual Meeting will take place at Rambo Run Club, a private outdoors club, located in Felton, East Hopewell Township. This 170+ acre property was recently preserved by FNLT, and features some of the most beautiful and unique landscapes in all of York County. Rare and threatened wildlife exist throughout the property, which includes two miles of a pristine tributary to Muddy Creek. I've attached a picture by FNLT friend Mary Kline that gives one an indication of the beauty of this property. Our meeting begins at 5:30 PM with a wine and cheese social. At 5:45 PM we'll have a brief presentation on all the great things happening with FNLT and a quick history of Rambo Run Club. Immediately following the meeting, you are welcome to tour the property. Throughout the tour, we'll have experts on hand to point out many of the unique attributes that make Rambo Run a key preservation project for York County. So please join us for this once-in-a-lifetime opportunity to see a truly spectacular part of York County! To RSVP, you can simply reply to this email or give me a ring in the office. I will respond swiftly with driving directions to Rambo Run Club. Thank you for your support, please feel free to pass this note along to anyone you think might be interested in our organization. For more information, contact Sean P. Kenny, Executive Director, Farm & Natural Lands Trust of York County by phone (717) 843-4411 or e-mail skenny@farmtrust.org.

Wild & Scenic Film Festival – Apr 26

National Film Fest hosted in Central Pennsylvania – We're bringing it back for a second year! ACB is hosting the Wild & Scenic Film Festival, April 26 at the Wesley Center, a state-of-the art facility at Camp Hill United Methodist Church. Wild & Scenic is the largest environmental film festival in North America, and we are proud to Central Pennsylvania's connection yet again. Welcome to the Wild & Scenic Film Festival ticket sales. You can pick up your paid tickets at the Alliance Camp Hill office or night of show at desk. The Festival will be held at the Wesley Center, United Methodist Church, 417 South 22nd Street, Camp Hill on Tuesday, April 26. The evening will begin at 5:30 with a reception and films will be shown from 6:30 to 10 pm. Cost of tickets:

- Alliance Non members: \$10 per person
- Alliance Members: \$10 per person (bring a friend for free)
- New Alliance Members Special: \$25 (two tickets and 1 one-year ACB membership), and admittance to the opening reception.

Please note "Alliance for the Chesapeake Bay" will appear on your credit card statement. Registration closes on Thursday, April 21st by the close of business and tickets will be available at the door unless the film festival sells out prior to that date.

<https://allianceforthebay.org/?p=1299>

20th Annual May Day Fairie Festival – Apr 29 – May 1

Spoutwood Farms, Glen Rock, PA – The May Day Fairie Festival is the brainchild of Rob and Lucy Wood, owners of Spoutwood Farm, an organic farm in the Community Supported Agriculture movement. It began as a party for about 100 friends, and was has been celebrated by 16,000 “friends” of the little people from the local area, all across the US and across the Atlantic. Previously a one-day festival, a second and third day were added as a response to the festival’s rising popularity. Once again, the festival will celebrate the beginning of spring and all of the nature spirits return to the warm world with 70 arts and crafts vendors (mostly featuring handmade art inspired by the little people), performances by musicians and dancers, storytellers, participatory maypole dancing, fairie craft activities such as wand and garland making (involves a small fee), food vendors, fairie and other nature spirit environments to explore, a Nature Place offering a place for environmental, health, animal interest and other groups to share their vision, fairie and gnome habitat tours, fairie tea parties, guest appearances by the Green Man, the Mossmen, Sweet Pea and others. <http://spoutwood.org/fairie-festival/participants/nature-place>

VOLUNTEER ADMINISTRATORS NETWORK TRAINING SERIES 2011 – Apr 29

- April 29, 2011 9:00—11:30 AM Volunteer Liability: Should You Be Concerned? Volunteers truly make a difference in the institutional lives of nonprofit organizations and in the very real lives of persons served by nonprofits. However, fear of legal liability has become an increasing worry for volunteer program managers in the past few years. However, it is important not to get carried away with liability fears about volunteer program operation. The perception of risk is much greater than the actual likelihood. This workshop is designed to address this and some of the other key issues related to this topic including liability of the individual volunteer and of the agency, overview of risk management and applying risk management to volunteer management.
- April 29, 2011 1:00—3:30 PM Dealing Effectively with Compassion Fatigue. Studies confirm that caregivers experience a high level of compassion fatigue. Day in, day out, individuals struggle to function in care giving environments that constantly present emotional challenges, some of them heart-wrenching. This can take its toll on everyone, from full time employees to part-time volunteers. Eventually, negative attitudes prevail. In this workshop, participants will have the opportunity to identify the symptoms, assess their current level of compassion fatigue, and most importantly, explore authentic and sustainable techniques for self care.

Location: Gettysburg Hospital WellSpan, 147 Gettys St., Gettysburg, PA 17325, Community Room A. COST FOR WORKSHOP (INCLUDES MEALS): \$30.00 PER SESSION or \$55.00 for BOTH SESSIONS. RETURN REGISTRATION FORM AND PAYMENT TO: Swyer Associates, Inc. 140 Roosevelt Avenue, Suite 203, York, PA 17401. REGISTRATION DEADLINE: April 15, 2011. VAN Membership Questions: 717-334-5809

Stream Ecological Services and Riparian Forest Buffer Session – May 19

At Stroud Water Research Center Session May 19, 2011 (Thursday) from 9:30 – 3:00. This session at the Stroud Water Research Center is primarily for anyone who has never been to the Stroud Center. I would describe the session as Forest Riparian Buffer/Stream Ecology 101. It is suitable for everyone who has an interest in Water Quality from interns to heads of departments. This session is sponsored by the Chesapeake Bay Foundation and DCNR Bureau of Forestry. Dr. Bern Sweeney will present an introduction to the Stroud Center followed by a lecture on stream ecology and ecological services as related to forested riparian buffers. We will then tour the Stroud Research Lab and have lunch. After lunch we will have a brief update from David Wise of the Chesapeake Bay Foundation and visit research projects within walking distance of the Center. This will be followed with a discussion of your questions and concerns. We will adjourn no later than 3:00PM. There is no cost to the participant for this session that includes lunch. We can handle up to 50 people. I am requesting that you let me know by May 4, 2011 if you plan to attend so I can keep track of the numbers for the lunch count. I have participated in or help to arrange more than 25 sessions at the Stroud and have always received very positive feedback. Please respond with your name, title, and email address and I would prefer if you responded by email. The participant is responsible for any cost incurred for travel. I appreciate your interest. Let me know if you have any questions. Rich Shockey, Environmental Review Specialist, DCNR - Bureau of Forestry, Pennsylvania Natural Heritage Program. Office: 717-772-0263. Email: c-rshockey@state.pa.us.

18th SECHHI DIP-IN! Jun 25 – Jul 17

This is an invitation to participate in this year’s Secchi Dip-In, which runs from June 25 to July 17. This is the 18th year of the Dip-In, and the three week event in June and July demonstrates that volunteers can collect valuable water quality data. The Dip-In is a network of volunteer programs and volunteers, that together gather and provide continent-wide (and world-wide) information on water quality. If you are a coordinator of an aquatic monitoring program that measures transparency, pH, or temperature of surface waters, would you please urge your volunteers to participate? Probably never in recent history has our environmental efforts been more under greater attack by special interests. The Dip-In won’t solve our environmental crisis, but it does provide reliable contemporary data on a continental scale on change in our waters to state and federal agencies and to researchers. We rely on existing programs because your volunteers are trained, providing assurance that the data are reliable. The Dip-In provides an event that coordinators of programs both large and small, can use to advertise their program and to explain to the public and to officials the importance of environmental monitoring. We have a New Website Address. We now have a new website: <http://www.secchidipin.org>. Volunteers can retrieve and edit the data they have entered and coordinators can retrieve and edit data from any waterbody in their program. If you want to be designated as a coordinator, please register and then send me an email. Volunteers also have the ability to personalize their waterbody site by adding pictures. A satellite map and graphs of data for each waterbody is now available.



WATERSHED TECHNICAL ASSISTANCE

Industrial Stormwater Management Programs – Successfully meeting new regulatory challenges

Industrial stormwater management differs from the types of municipal stormwater management programs that Stormwater magazine usually focuses on. Here, we take a closer look at two examples of industrial stormwater programs that are being done well, including one at the state level and another at the facility level. Preventing contaminants from reaching stormwater and reducing pollutants at the source are two of the primary goals for industrial facilities in their ongoing commitment in protecting water quality. Two years ago, EPA introduced a new Stormwater Multi-Sector General Permit (MSGP), mandating industrial facilities to implement and maintain site-specific stormwater control measures and to develop a stormwater pollution prevention plan (SWPPP). The MSGP for industrial stormwater covers those states that don’t have their own

programs. Through federal and state actions, EPA has controlled more than 48,000 individual industrial facilities and thousands more through general permits. Read more... <http://www.stormh2o.com/march-april-2011/industrial-stormwater-management.aspx>

Cost-Effective LID in Commercial and Residential Development

Drainage designs that feature LID can be more cost-effective compared to conventional designs. Low-impact development (LID) represents one of the most progressive trends in the area of stormwater management and water quality. While the performance benefits of LID are well documented and continue to gain increasingly more acceptance, less is known about the economic benefits of LID-based strategies. Yet many decisions in a residential and commercial development context are made on the basis of cost. Although better known for its capacity to limit water pollution and manage stormwater sustainably, in certain settings LID designs can also be more cost-effective as compared to conventional stormwater controls. Specifically, LID can result in project cost savings by decreasing the amount of drainage infrastructure required. It can reduce or eliminate the need for other costly stormwater management-related infrastructure including curbs, gutter, catch basins, piping, storage, and outlet control structures. Read more... <http://www.stormh2o.com/march-april-2011/costeffective-lid-development.aspx>.

Choosing a Green Infrastructure Framework? Consider Light Imprint.

Whenever environmental services professionals gather at conferences around the world, both the sessions and networking conversations highlight the convergence of global warming, depletion of fossil fuels, problems with water quality and quantity, and the failure of automobile-centric policies. Advancements in urban design and well-planned infrastructure investment are two ways to address the problems. Light Imprint is an approach to neighborhood design that presents actual techniques now being used in new and infill developments. Like many green initiatives, Light Imprint may be even more cost effective than established, conventional practices over the long term. Read more... <http://www.stormh2o.com/march-april-2011/choosing-green-infrastructure.aspx>

Practicality, Feasibility, and Compliance in Stormwater Management – How Section 438 of the EISA affects planning

The 2007 Energy Independence and Security Act (EISA) has raised the bar for managing stormwater at federal facilities. It requires preventing impacts and increased runoff for events up to and including the 95th percentile storm (2 inches, +/- 0.5-inch). This criterion requires that predevelopment hydrology be maintained. This includes not only flow rate and volume, but flow duration and temperature as well. While we have recognized the need to go beyond controlling peak discharge rates and address increased volumes—and flow duration to some extent—the need to maintain temperature of runoff makes this a standard that requires knowledge of a broad range of planning and design techniques. This will require integrating low-impact development (LID) techniques, traditional structural stormwater designs (i.e., retention and infiltration facilities), and a sound understanding of hydrology, surface/groundwater behavior, and the nitrogen cycle. Read more... <http://www.stormh2o.com/march-april-2011/practicality-feasibility-compliance.aspx>

Assessment of Stormwater BMP Cost Effectiveness – A new model for decision makers

Communities and agencies responsible for stormwater management—i.e., municipal separate storm sewer (MS4) permit holders—continually face new challenges in the form of more stringent onsite control regulations to protect receiving waters. All these requirements have to be met with limited funding. At the roots of both of these challenges lie stormwater surface runoff best management practices (BMPs), which not only are designed to protect receiving waters from the impacts of urbanization, but also come with significant costs to install and maintain into perpetuity. To improve stormwater planning and management, communities, decision makers, and regulators need concise and objective information to select stormwater surface runoff BMPs that will be effective and economically sustainable in meeting their goals. To help in reaching these decisions, they need information that compares different BMPs and how they reduce pollutant loads and surface runoff volumes and what the long-term economics are of keeping the BMPs in operation. In many cases, municipalities accept stormwater management facilities or products based on promotional literature or the beliefs of the public or the staff who may have not had access to information that objectively compares BMP performance and whole-life costs. Read more... <http://www.stormh2o.com/march-april-2011/assessment-stormwater-bmp.aspx>.

Plant Buffers Can Slow Runoff of Veterinary Antibiotics

ScienceDaily (Mar. 23, 2011) — Field tests by University of Missouri scientists have backed up laboratory research indicating that buffer strips of grass and other plants can reduce the amount of herbicide and veterinary antibiotics in surface runoff from farm plots. Vegetative buffer strips have already proven effective in limiting erosion as well as reducing sediment and nutrients in runoff. The findings come amid concerns about the potential of veterinary antibiotics in surface water leading to the emergence of antibiotic-resistant bacteria. The antibiotics can enter the environment through manure from confined animal feeding operations and from crop fields fertilized with manure. Researchers compared the effectiveness of three grass buffer treatments in reducing the transport of herbicides and veterinary antibiotics in surface runoff. Plant species used in the three treatments included tall fescue, switchgrass and native warm-season grasses – mainly eastern gamagrass. The control treatment was cultivated fallow. The researchers applied three herbicides and three antibiotics, then generated surface water runoff using a rotating-boom rainfall simulator to create uniform soil moisture content. Water and suspended sediment samples were collected and measured. All vegetative buffer systems significantly reduced the transport of both dissolved and sediment-bound herbicides atrazine, metolachlor and glyphosate in surface runoff by 58 to 72 percent. In addition, the processes governing herbicide fate also applied to veterinary antibiotics. Four to eight meters of grass buffers reduced more than 70 percent of veterinary antibiotics in runoff surface water, Lin said. Using certain species, such as hybrid poplar, can further enhance degradation of deposited antibiotics. Antibiotics included Tylan, used in swine feed to promote growth and as a disease preventative; sulfamethazine, also used in swine feed with other antibiotics, and Baytril 100, used for swine and cattle for respiratory illnesses. Filter strips provide an opportunity to use an accepted practice in a manner that people had not explored before. Much Missouri soil is claypan, which tends to enhance runoff. From a surface water standpoint, buffers can work well in these soils. One goal of the research is to provide simple, practical guidelines that agencies, land managers and agroforestry practitioners can use in the design of effective buffer strips.

First Report on Bioaccumulation and Processing of Antibacterial Ingredient TCC in Fish

ScienceDaily (Apr. 1, 2011) — In the first report on the uptake and internal processing of triclocarban (TCC) in fish, scientists have reported strong evidence that TCC – an antibacterial ingredient in some soaps and the source of environmental health concerns because of its

potential endocrine-disrupting effects – has a "strong" tendency to bioaccumulate in fish. They presented the findings on March 31 at the 241st National Meeting & Exposition of the American Chemical Society in Anaheim, California. Read more...

<http://www.sciencedaily.com/releases/2011/03/110330214709.htm>

Dark Side of Spring? Pollution in Our Melting Snow

ScienceDaily (Mar. 28, 2011) – With birds chirping and temperatures warming, spring is finally in the air. But for University of Toronto Scarborough (UTSC) environmental chemist Torsten Meyer, springtime has a dark side. During the winter months, contaminants accumulate in the snow. When the snow melts, these chemicals are released into the environment at high concentrations. In a specially designed, temperature-controlled laboratory at UTSC – which includes a homemade snow-gun and a chemical pump – he creates large baths of fresh snow already tainted with organic contaminants. This one-of-a-kind set-up enables the researcher to slowly melt his "dirty" snow, collect the melt-water and track which chemicals emerge from the snowpack and when. Meyer's research reveals a worrying surprise. One of the main findings is that there is a peak contaminant flush at the very beginning of the melt. With the advent of spring, according to Meyer, comes a deluge of pollution. By the time snow has turned black with muck and grime, many harmful chemicals – including those from pesticides, car exhaust, telecommunications wiring insulation, water repellent clothing, paints or coatings – may have already seeped out of the snow and into the surrounding ground water or surface water. Although Meyer views his work as fundamental research, his findings have obvious real-world implications, such as how municipalities choose their snow dump sites. According to Meyer, cities and towns should be very careful to select well-contained sites to protect against that early flush of pollutants. Meyer's research is unique because previous studies on snowmelt contaminants have all used either natural snow or very low volumes of artificially produced snow. He is also one of only a handful of researchers in the world who study snow and organic contaminants. Getting quantitative information on the flush of contaminants from a melting snowpack is particularly important. The melt often coincides with time periods when many aquatic organisms are at a vulnerable stage of their life cycle.

Doing Stream Restoration? Consider Biosecurity

Many watershed associations will be doing stream clean-ups and buffer plantings. Here are a few things to consider when planning these activities. Since the goal of any group carrying out stream restoration is to improve stream quality, introducing invasive plants or animals into the system being restored is not desirable. When installing a riparian buffer, the tools used to plant the trees should be clean and free of soil that can contain seeds or plant fragments from other sites. Purple loosestrife, Japanese stiltgrass or mile-a-minute for example, are invasive plant species that can take over the area being restored. They are prolific seed producers. Seeds can also be moved by water currents during heavy rains or moved in contaminated hay, soil or potted plants, and on footwear. Plant fragments may be carried in moist soil and have the potential to begin an infestation. Seeds and plant fragments also spread in soil trapped in tire and track treads of heavy equipment, so be sure those are free of soil. A good resource useful for identifying invasive plants in the area being restored is the [Plant Invaders of Mid-Atlantic Natural Areas](#). These invasive plants should be controlled both before and after planting since seed will often remain viable in the soil for several years. Equipment used to do work in the water such as nets, boots, boats or trailers all need to be cleaned, drained and dried before being moved from one watershed to another, particularly if invasive species are known to be in the last stream or creek visited. Didymo (also called rocksnot) is a microscopic, single celled organism that can be transferred between streams in the soles of felt-soled wading boots as well as in clumps caught on boats or trailers. Many invasive aquatic plant species are champions at reproducing by fragmentation. Any vegetation clinging to a boat or trailer should be removed before you leave a watershed. If not cleaned at time of departure, remove and disposed of any plant material well away from any waterbody. Do not wash the materials down any drains, dispose of it in the trash. If working in the water, work from upstream to downstream to avoid carrying any invasive species further up the stream. Remember to "Go with the flow." The Pennsylvania Fish and Boat Commission has information and protocols posted on their [Aquatic Invasive Species \(AIS\) page](#) for [cleaning boats](#) and under "Related Topics" has specific instructions for cleaning gear in Biosecurity Measures for Commission Operations, Facilities and Equipment. For more information, contact Diane Oleson, Extension Educator, York County, at djo13@psu.edu

EPA to Open Public Comment on Proposed Standards to Protect Aquatic Ecosystems

As required by the Clean Water Act and pursuant to a settlement agreement, the U.S. Environmental Protection Agency (EPA) is proposing for public comment standards to protect billions of fish and other aquatic organisms drawn each year into cooling water systems at large power plants and factories. The proposal, based on Section 316(b) of the Clean Water Act, would establish a common sense framework, putting a premium on public input and flexibility. Safeguards against impingement will be required for all facilities above a minimum size; closed-cycle cooling systems may also be required on a case by case basis when, based on thorough site-specific analysis by permitting authorities, such requirements are determined to be appropriate. EPA is proposing this regulation as a result of a settlement agreement with Riverkeeper, Inc. and other environmental groups. The public will be able to comment on the proposal upon its publication in the Federal Register. EPA will conduct a 90 day comment period, and will carefully consider those comments before taking final action on the proposal. The administrator must take final action by July 27, 2012. For the full press release:

<http://yosemite.epa.gov/opa/admpress.nsf/3881d73f4d4aaa0b85257359003f5348/1a6586526d351a1d852578610077d4c8!OpenDocument>. More information: <http://water.epa.gov/lawsregs/lawsguidance/cwa/316b/>

EPA has just published a Draft Healthy Watersheds Technical Document

Several years in the making, this draft document was developed to help implement the Healthy Watersheds Initiative by providing EPA, state, tribal, and local practitioners with an overview of the key concepts behind the Healthy Watersheds approach, examples of assessments of healthy watershed components, an integrated assessment framework for identifying healthy watersheds, examples of management approaches, sources of national data, and key assessment tools. It contains numerous examples and case studies from across the country. The intended audience for this document is aquatic resource scientists and managers at the state, tribal, regional, and local levels; non-governmental organizations; and federal agencies. It will also benefit local government land use managers and planners as they develop protection priorities. EPA is seeking comments on this draft document until June 3, 2011. It will also undergo a scientific peer review. A final version of this document is expected by October 2011 and will be posted on this web page. Please send any comments to hwcomments-hq@epa.gov. The document may be reviewed at <http://water.epa.gov/polwaste/nps/watershed/index.cfm>.

