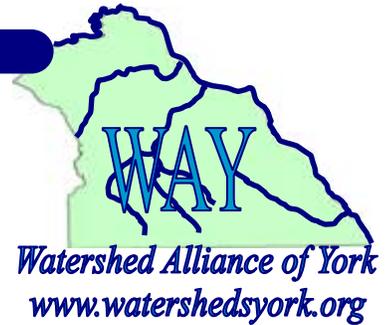


WAY E-NEWS

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



June 4, 2012

A PUBLIC-PRIVATE PARTNERSHIP

Volume 12, Issue 11

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WATERSHED CONTACTS

COUNTY PLANNING – (717) 771-9870

CONSERVATION – (717) 840-7430

- Agricultural conservation planning
- Environmentally sensitive dirt & gravel road maintenance
- Environmental stewardship and watershed protection
- Erosion & sediment control
- Stormwater complaints

24-HR EMERGENCIES – (877) 333-1904

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

ENVIRONMENTAL – DEP-SCRO

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

FISHERIES – (800) 541-2050

- Wildlife (fish, reptiles, amphibians) nuisance problems or to report violations
- FISH KILL 1-855-347-4545

GAME & WILDLIFE – (888) 742-8001

- Wildlife (mammals or birds) to report violations or nuisance problems

ILLEGAL DUMPING

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

MUNICIPAL (Phonebook Blue Pages)

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

NOXIOUS PLANTS – (717) 772-5209

RECYCLING – (717) 845-1066

WETLANDS – (717) 249-2522

Updated 4/27/2011

WATERSHED ALLIANCE NEWS

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

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

Carroll Citizens for Sensible Growth - <http://carrollcitizens.com/>

- GREAT PA CLEANUP March 1 – May 31, 2012
 - Celebration Church Congregation Project – 50 Volunteers in Carroll Township on Sunday, May 6th , 2012. 100 Manhours. Collected: 65 20-gal bags from 9 roadway locations: 390 lbs (avg 6 lbs per gal) Retention
 - Pond & Fields @ & behind Rt15/GIANT
 - Siddonsburg Road - Rt 15 to Ore Bank Rd
 - Ore Bank Rd - Rt 15 to Mumper
 - Chestnut Grove Road - Alpat to Gettysburg Rd
 - Campground Rd – Rt74 to Mountain Rd
 - Mountain Rd – Rt15 to Campground Rd
 - Spring Ln Dr – Rt 15 to Rt 74
 - Gettysburg Pike – Yellow Breeches to Rt 15
 - Dillsburg Cemetery – watershed, Rt15 embankment
- ILLEGAL DUMPSITES
 - Requested by Carroll Township for cleanup: Chestnut Grove Road – Pool Liner and indoor/outdoor carpet – approx. 200#'s / 1 vol – 1manhour
 - Coordinated through Keep York County Beautiful:
 - Sat., May 5th, Route 234 & Baker, Dover Twp Approx 500 #'s – 2 volunteers / 4 manhours: SITE ON RT 234: 11 Rolls of carpet, 40#'s of foam padding, 6 bgs of trash, wood, 1 bg of glass
 - Mon., May 28th, Fish & Game Road, Dover Twp Approx 300 lbs - 3 Vols = 3 manhours. Permit issued for disposal at YCSWA through Penn State Extension West Nile Virus Dept.
- Contact: Deana Weaver at (717) 432-2211 or admin@carrollcitizens.com

Codorus Creek Watershed Association – www.codoruscreek.net

- Jul 16 –Meeting of Members and Board, 7:00 pm, at York Water Co. (Mt. Rose Ave.)
- POST-PONED UNTIL FALL– Oil Creek Restoration Monitoring, Gits Run Rd., Hanover, 9:00 Am to 1:00 PM
- Contact: Jim Leaman at 843-2929

Codorus Endowment Implementation Committee – www.yccf.org

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

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

Conewago Canoe Club – www.conewagocanooclub.org

- June 9-10 Intermediate Kayak Course
- July 21 Yough Raft Trip
- August 25-26 Swift Water Rescue Weekend
- Club Meets bi-monthly at Mount Zion United Church of Christ, 7:00 pm, at Ridgewood Road in Pleasureville
- Questions or comments e-mail me oc1mike@comcast.net, but remember you catch more flies with honey than vinegar.

Deer Creek Watershed Association – <http://deercreekwatershed.com/>

- Contact Lee McDaniel at ldmcdaniel@aol.com.

Farm & Natural Lands Trust of York County – www.farmtrust.org

- 4th Annual FNLT Clay Shoot – One can assume the weather 4th Annual FNLT Clay Shoot weather will be perfect. So why be inside? Join us Friday, June 8, 2012 from Noon to 5:00 PM at Central Penn Sporting Clays.
- Contact: Sean Kenny at Farm & Natural Lands Trust of York County, 156 North George Street, Suite 300, York, PA 17401. Phone (717) 843-4411 or e-mail skenny@farmtrust.org

Friends of Codorus State Park – www.friends-of-codorus.org/

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

Gifford Pinchot State Park – www.dcnr.state.pa.us/stateparks/parks/giffordpinchot.aspx

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

Gunpowder Valley Conservancy - www.gunpowderfalls.org

- 16-Jun 9-2:30 pm Trail Maintenance Workshop Loch Raven Reservoir
- 23-Jun 10-2 pm Adopt-a-Stream Training TBD
- 30-Jun 10-12 pm Rain Barrel Workshop TBD
- How to contact us U.S. Mail: Gunpowder Valley Conservancy, P.O. Box 9733. Towson, MD 21284. Or Assistant Project Manager Rachel Streusand rstreusand@gunpowderfalls.org.

Horn Farm Center for Agricultural Education - www.hornfarmcenter.org

- Kid Farm Education Days at the Horn Farm Center
 - May 19 • 10am – Noon "Chomp, Sniff, Stomp"
 - June 16 • 10am – Noon "Bug Out at Horn Farm Center"
 - July 19 • 10am – Noon "Chickens on the Horn Farm"
- MORE INFO AND TO REGISTER ONLINE. For questions, call 717-757-6441 or email info@hornfarmcenter.org
- Contact: Horn Farm Center for Agricultural Education, 4945 Horn Road, York, PA 17406. Phone: (717)654-0571. Email: info@hornfarmcenter.org. Web: www.hornfarmcenter.org.

Izaak Walton League York Chapter #67 - www.yorkchapter67iwla.org/

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

Lower Susquehanna Riverkeeper - www.lowersusquehannariverkeeper.org

- 16 Jun – 2nd Annual **2012 Susquehanna Biathlon!** WHERE: The John Wright, in Wrightsville, York County, Pa. WHEN: 8:30am, June 16th, 2012. Host Lower Susquehanna Riverkeeper. WHY: The Biathlon is your Riverkeeper's annual fundraiser where we run & paddle away pollution!
- 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/waters/tribstrat/>

- The following WQA project has been approved by EPA Region 3:
 - Water Quality Analysis of Nutrients (Phosphorus) for the Lower Gunpowder Falls in Baltimore County, Maryland
 - Water Quality Analysis of Nutrients (Phosphorus) for the Conowingo Dam Susquehanna River in Cecil and Harford Counties, Maryland
- The approved final WQA documents are available on the Department's TMDL/WQA website at www.mde.state.md.us/tmdl, along with a comment response document addressing comments received during the public comment period for the draft WQA.
- 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

- June 30 – Gardening for Life – A Tour with a Difference. Tickets \$8.00
- Contact: 717-840-7408 or Connie Schmotzer at cxs51@psu.edu

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

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

Prettyboy Watershed Alliance - www.prettyboywatershed.org

- Contact: Nancy Shaper at nshaper@jhmi.edu

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

- Monthly meetings will be held at the East Shore Area Library (ESA) in Harrisburg at 6:30 pm, except for select dates:
 - Tuesday, 6/26 – ESA
- Jul 21 River Float/Kayak Outing
- Contact GVP Sierra Club, P.O. Box 606, Harrisburg, PA 17108-0606. GVPSierraClub@email.com

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

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

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

- Mother Earth Hands-On Harvest Fair, Sunday, Sept 23, 2012 10am to 5pm, 4255 Pierceville Rd, Glen Rock, PA 17327 717-235-6610. spoutwood@comcast.net www.spoutwood.org
- Contact Rob & Lucy Woods at Spoutwood Farm at 717-235-6610 or spoutwood@comcast.net.

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

- Contact Mark Platts, Susquehanna Heritage Corporation, 1706 Long Level Road, Wrightsville, PA 17368. Office: 717-252-0229. E-mail: info@lyhr.org.

Susquehanna Greenway Partnership - www.susquehannagreenway.org

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

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

- *Family Fishing Funday* - Come join us on Monday 5/28 (Memorial Day) from 10 to 2 at Codorus State Park. Come to the classroom on Marina Road for a wide variety of FREE, family-oriented activities co-sponsored by our chapter. Its also a Fish-For-Free Day in PA (no license required that day). Make us part of your holiday 'stay-cation.'
- 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/>

- MCTU will be working with Codorus State Park and the Codorus Chapter of TU to host a Free Family Fishing Funday at Codorus State Park. This event will be on Monday, Memorial Day. Bring them out to this event for some family fun!
- Chapter Meeting 3rd Wednesday of month at [Collinsville Fish & Game](#)
- Contact: Ron Heuston, President MCTU, 244-1851 or Heuy1955@aol.com

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

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

Watershed Alliance of York - www.watershedsyork.org

- July 11 - Meeting of WAY Board of Directors, 7:00 PM, at SOLS, 324 W. Market St., York, PA.
- WAY E-News - Published by the Watershed Alliance of York, Inc. to inform the public about news and information that affect York County watersheds and beyond. PLEASE SHARE WITH YOUR MEMBERSHIP AND E-MAIL LIST. Contributions of news, events and information relating to watershed education, funding, planning, restoration, protection, and stewardship welcome. Send contribution to and contact us for mailing list additions/changes to the e-mail address below. Distribution: electronic (1,850). Frequency: bi-weekly. Subscription: No charge. Editor: Gary R. Peacock.
- You can make www.goodsearch.com and be sure to enter WAY as the charity you want to support.
- Contact: Watershed Alliance of York, Inc. (WAY), C/o York County Conservation District, 118 Pleasant Acres Road, York, PA 17402. Phone: (717) 840-7430. Facsimile: (717) 755-0301. E-mail: gpeacock@yorkccd.org

Yellow Breeches Watershed Association - www.ybwa.org

- Board of Directors meets quarterly at 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

- May 23 - Board meets from 9:00 to 11:00 Am, at RAYAC, York
- Contact Shanna Wiest, Government Affairs Director, REALTORS Association of York & Adams Counties, Inc. 901 Smile Way York, PA 17404. Phone: (717) 843-7891. Fax: (717) 854-0720. <http://www.rayac.com>

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

- Jun 14 - Annual YAS Picnic in Pheasant Pavilion at Rocky Ridge County Park, at 12 noon. Park in Hidden Laurel parking lot. The pavilion has electricity and a grill. Bring a covered dish to share, and your place setting. Bring binoculars.
- Contact Tom Smith at 717-246-9767 or tls35@psu.edu.

York County Conservation District - www.yorkccd.org

- Jul 31 - Annual Conservation Awards Picnic, Rudy Park, 7:00-9:00 p.m.
- New Wildlife of PA Journal available for purchase \$24.95
- Rain Barrels- Get one while they last! Visit our website for more information and prices.
- Board meets 2nd Friday, 11:00 a.m. (December-March) and 2nd Thursday, 7:00 p.m. (Apr.-Nov.), at the York County ANNEX
- Contact: YCCD at 717-840-7430 or yorkccd@yorkccd.org

York County Parks & Recreation - www.YorkCountyParks.org

- 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

Conowingo Dam On PA-MD Border Releasing Pollutants At More Frequent Rate

Chesapeake [Bay Journal](#) – Since the early 1990s, scientists have warned that the Conowingo Dam loomed as an ominous threat to the Chesapeake. When the reservoir behind the massive 100-foot dam filled, more sediment and nutrients would begin pouring down the Susquehanna River. For nearly as long, dealing with the issue has been largely put off; the reservoir issue has always been considered a problem for the future. But the future may be here, according to new research. “It’s not a decade out,” said Bob Hirsch, a research hydrologist with the U.S. Geological Survey. “It’s now.” To be sure, the giant dam, located near the Maryland-Pennsylvania border 10 miles upstream from the river’s mouth, is still trapping much of what washes down the Bay’s largest tributary. But it appears to be trapping less than it used to, particularly during high flows, according to Hirsch. Hirsch’s analyses, presented at a recent Chesapeake Bay Program scientific meeting, suggests that more sediment and phosphorus have been reaching the Chesapeake over the last decade as the reservoir behind the dam has neared its storage capacity. If correct, that may mean that portions of Pennsylvania, New York and Maryland upstream from the dam may need to take additional steps to control sediment and phosphorus runoff to achieve the Chesapeake Bay Total Maximum Daily Load, or “pollution diet.” The TMDL established the maximum amount of nutrients and sediment that can enter the Bay from each major tributary. [Click Here](#) for the complete story.

Nutrient credit trading could cut cost of cleaning up Chesapeake Bay, according to new study

Nutrient credit trading could significantly trim the cost of cleaning up the Chesapeake Bay, according to a new study released by the Chesapeake Bay Commission. Nutrient credit trading is a system that enables one pollution source to meet its pollution reduction goals by purchasing those reductions from another source. The economic analysis showed that nutrient credit trading could save 20 percent to as much as 80 percent of costs to meet pollution reduction goals called for in the Chesapeake Bay TMDL, the federal “pollution diet” to clean up the Bay. State and local governments must reduce nitrogen and phosphorus pollution from farms, wastewater treatment plants, stormwater systems and other sources to meet these goals by 2025. The study recommends that governments define trading rules and protocols, provide information and technical assistance, and ensure compliance and enforcement to maximize cost benefits and guarantee trading programs actually deliver pollution reductions. To date, four Chesapeake Bay watershed states – Maryland, Pennsylvania, Virginia and West Virginia – have initiated water quality trading programs. [Visit the Chesapeake Bay Commission’s website](#) to learn more about the study and download the full analysis.

Park service: Susquehanna designation enables financial help

The Susquehanna River Water Trail's Lower Section managed by a midstate group is part of new designations by federal officials that enable financial and other assistance for tourism development in the region, according to stakeholder news releases. Secretary of the Interior Ken Salazar designated four water trails this month as historic connecting components of the [Captain John Smith Chesapeake National Historic Trail](#), according to the York County-based [Susquehanna Gateway Heritage Area](#). The moves enable the [National Park Service](#) to work closely with state and local agencies, and other partners, to provide technical and financial assistance, resource management, facility enhancement, trail marking and promotion along the connecting trails, according to a park service news release. The designated Susquehanna River Component Connecting Trail is a 552-mile system of water trails along the Susquehanna River's main stem and West Branch in Maryland, New York and Pennsylvania, according to the release.

Former DEP Officials Support Putting Susquehanna, Juniata Rivers On Impaired Waters List

On May 15, 22 retired environmental professionals from the Department of Environmental Protection wrote to current DEP Secretary Michael Krancer asking his agency to [reverse its decision](#) to not list the Susquehanna and Juniata rivers on the 2012 Section 303(d) impaired waters list. This letter was followed by [a formal request](#) by the Fish and Boat Commission on May 21 asking DEP to reconsider its decision. John Arway, Executive Director of the Fish and Boat Commission, also appeared at a Senate Game and Fisheries Committee hearing Tuesday on Susquehanna River issues. [Click Here](#) to watch video of the hearing.

EPA Evaluates States’ Final Phase II Watershed Implementation Plans for Restoring the Chesapeake Bay

(PHILADELPHIA May 31, 2012) – Today, EPA released its evaluations of the final Phase II Watershed Implementation Plans (WIPs) from Pennsylvania, West Virginia, Delaware, Maryland, Virginia and the District of Columbia. Completion of the plans marks a significant stage in the Chesapeake Bay cleanup effort, and represents the local level planning needed to continue accelerating implementation of the necessary practices to restore the health and economic engine of the Bay watershed’s streams and rivers. The plans were developed by the states and the District with support from EPA, and in collaboration with local governments and conservation districts. They outline steps each jurisdiction will take toward restoring clean water to the thousands of streams and rivers that make up the Chesapeake Bay watershed, and improving the quality of life for the more than 17 million people who live in the watershed. Regional Administrator Garvin acknowledged that the jurisdictions are already doing much of this work, consistent with their Phase I WIP commitments. He added that the Chesapeake Bay Program partnership, including state and federal officials, have committed to having all of the needed pollution control measures in place to fully restore the Bay by no later than 2025.

Guiding Hearts with Hope and Clean Water

Penn State Coop Extension York - An effort by a Hanover woman to help a loved one deal with the disease of addiction has developed into successful drug collection and outreach efforts. Martha King began her journey while dealing with gaps in the system of treatment for those dealing with addiction. As she educated herself, she became aware of the problems associated with prescription drug abuse. That led to a desire to take action to remove an important source of drugs in the home – the unused and unwanted medications in medicine cabinets. The first Drug Take-Back Collection in Hanover was organized in September 2010 in partnership with the [Pennsylvania Department of Environmental Protection](#) (PADEP), pharmacists, Pennsylvania State and local police, the [Watershed Alliance of York](#) (WAY) and the [York County Solid Waste Authority](#) (YCSWA). It was a complex effort. A commercial medical waste disposal company had to be engaged. Funds had to be raised to pay for disposal. Pharmacists were needed to categorize medications and law enforcement to collect and transport controlled materials. A Town Hall meeting preceded the collection with information from pharmacists, York and Adams counties coroner’s offices,

Pennsylvania State and local police, the Watershed Alliance of York (WAY) and Adams County Environmental Services. They discussed law enforcement, medical, and environmental issues involved in proper disposal of drugs. The York County Solid Waste Authority (YCSWA) provided local disposal information. The most recent drug collection, held on Saturday April 28, 2012 was a great success. A second town hall meeting with a panel of speakers consisting of: Martha King, Guiding Hearts with Hope; Special Agent Craig LeCadre, Pennsylvania Office of Attorney General; Gary Peacock, WAY; and Diane Oleson, Penn State Extension preceded the collection. Guiding Hearts with Hope of Hanover in collaboration with DEA, WAY, YCSWA, state police, Hanover law enforcement and participating pharmacies collected unused medications at eight locations across York County. Two Giant pharmacies in Hanover collected 984 pounds in 4 hours. Forty three additional Giant pharmacies participated as collection sites throughout the state. Collection amounts have been increasing steadily with each collection with the involvement of more collection sites and additional outreach to the public. Additional partners include the York County Solid Waste Authority, Penn State Extension, and the York County Conservation District. Ms. King is continuing her efforts to obtain 501-C3 status for Guiding Hearts with Hope. She is looking for community volunteers and working with partners within York and Adams Counties to develop a Pharmaceutical Disposal Task Force to increase knowledge and education about proper disposal avenues available to the public and awareness of the magnitude of the social and environmental impacts of the problem. For more information on Guiding Hearts with Hope, contact: [Martha L. King](mailto:Martha.L.King), CRS Guiding Hearts with Hope, P.O. Box 485, Hanover, Pa. 17331. Ph:717-968-3083

Lower Susquehanna Source Water Protection Partnership – Workshop Presentations Available On-line

We have set-up a website to house the presentations from February's workshop, *Lower Susquehanna Source Water Protection: Building a Regional Partnership*. The link can be accessed at – <http://www.srbc.net/programs/partnership.htm> . Although the website is focused currently on serving up materials from the workshop – moving forward, we hope to build the site around the evolving source water protection (SWP) efforts in the Lower Susquehanna Region, in order to provide information that may assist with leveraging resources and/or promoting collaboration among those working towards implementing measures to improve source water quality. Since an overwhelming majority of the participants at the workshop thought an “umbrella” group of some sort could help promote SWP concepts/actions at a regional scale, we'll be reaching out to you in the near future to help us determine the best path forward. As a follow-up to the workshop, we have been working with select counties to bolster their efforts to promote SWP, and hope to continue to do so as we explore how a regional partnership structure may best support those needs at the county-level. Lastly, the distribution list for this email was compiled using both the attendee list from the workshop, as well as those individuals included on the original workshop invite list. We plan to use this email distribution list as we continue efforts related to forming a regional SWP partnership – as well as for communicating SWP-related information relevant to the Lower Susquehanna Region. As such, please let me know if you would like to be removed from this list. Thanks again to everyone for your interest and participation to date! Andrew J. Gavin, Manager, Monitoring and Protection, Susquehanna River Basin Commission, 1721 North Front Street, Harrisburg, PA 17102-2391. Phone: 717-238-0425 EXT 107. Email: agavin@srbc.net

EPA and Department of Veterans Affairs to Connect Veterans with Jobs in Water Sectors

The U.S. EPA and the U.S. Department of Veterans Affairs have announced a memorandum of understanding to connect veterans with disabilities to career opportunities in the water and wastewater sectors – such as at wastewater plants and drinking water facilities – as part of EPA's Water Sector Workforce Initiative. This effort will be beneficial to both the environment and economy as clean water and job placement for veterans are top priorities of the Obama Administration. The agreement allows EPA and VA to connect qualified veteran employees with staffing needs at water and wastewater utilities. EPA and the VA will work with water utilities, states and local VA counselors to promote water sector careers and resources for finding water jobs for veterans and as well as will provide educational programs to help veterans transition into careers in water industries. More than one-third of all current water operators are eligible to retire within seven years and, according to the U.S. Department of Labor, employment for water and wastewater operators is expected to grow by 20 percent between 2008 and 2018, faster than the national average for all other occupations. EPA sees the need to invest now in creating a pipeline of future water sector professionals to fill these essential water sector careers. For more on EPA's water sector initiatives and to view a copy of the memorandum of understanding: http://water.epa.gov/infrastructure/sustain/ws_workforce.cfm. For more about the VA connecting qualified veterans with employer needs: <http://www.vetsuccess.gov/>.

EPA Launches Video Project Asking Americans Why “Water is Worth It”

2012 marks the 40th anniversary of the Clean Water Act, the nation's law for protecting our most irreplaceable resource. Everyone deserves clean water – it is vital for our health, communities, environment and economy. To help commemorate the 40th anniversary of the Clean Water Act, the U.S. Environmental Protection Agency is asking people to send in a 15-second video clip about the important role that water plays in their life. Each video should include the phrase “Water Is Worth It,” but the rest is up to you. EPA will post selected videos on its website and Facebook page. To learn more, visit <http://water.epa.gov/action/cleanwater40c/video-project.cfm>. Fill out a video entry form, and submit your entry as a video response to the promotional video on EPA's YouTube page at www.youtube.com/USEPAgov. Video submissions must be received by September 14, 2012.

Hidden Dangers and Public Safety at Low Head Dams by Dr. Bruce Tschantz, University of Tennessee

http://www.damsafety.org/media/Documents/Journal/TschantzWright_PublicSftyLowDams_JDS2011_1.pdf

Free Document - Reconnecting Rivers by Dr. Luther Aadland, MNDNR

http://files.dnr.state.mn.us/eco/streamhab/reconnecting_rivers_intro.pdf

Integrated Green Infrastructure in Lancaster, PA (power point presentation)

<http://state.awra.org/pennsylvania/Webinars/Lancaster/LancasterCityGreenInfrastructure%28PresentationSlides%29%285-15-12%29.pdf>

DCNR Green and Sustainable Webinar: Landscaping with Native Plants.

If you missed this free webinar held on Wednesday, May 16, 2012 you can participate in this and other Green and Sustainable Webinars in their entirety by clicking on this link: <http://www.dcnr.state.pa.us/brc/grants/greening/greentraining/index.htm> .



WATERSHED FINANCIAL ASSISTANCE

Captain Planet Foundation Grants – Jun 30

This grant program provides funding to engage youth in active, hands-on projects to improve the environment in their schools and communities. Grant proposals are due on March 31, June 30, September 30, and December 31. <http://captainplanetfoundation.org/apply-for-grants/>

PA Wilds Offers Grants To Help Communities With Welcome Signage – Jun 22

A popular [mini-grant program](#) that helps communities in the Pennsylvania Wilds region pay for new welcome signage has re-opened and is accepting applications through June 22. The PA Wilds Community Signage Grant Program is designed to encourage a cohesive, welcoming spirit across the region by helping communities design and construct new welcome signage that incorporates suggestions set forth in the Pennsylvania Wilds Design Guide: A Design Guide for Community Character Stewardship. The Design Guide is a voluntary planning document that highlights how communities in the region can protect or enhance their rural character as they grow – whether that growth is due to tourism, resource extraction or other industries. It promotes such things as using natural materials or themes the region is known for – wood, stone, water, wildlife – in construction, design or landscaping. Local governments, community development organizations, chambers, local TPAs, school districts and other entities that represent their communities in a substantial way are eligible to participate in the 2012 PA Wilds Community Signage Grant program. Grant assistance may not exceed \$3,000 per applicant for a new community welcome sign or \$1,500 to add the PA Wilds logo to an existing welcome sign. Associated natural landscaping can be submitted for consideration. Match dollars are not required for this program but applicants must commit to an in-kind match that includes installing the sign and maintaining it long-term. Grant awards will be made in mid-July and applicants will have until December 2012 to complete their projects and turn in all necessary paperwork. Download application and guidelines by clicking on the PA Wilds [Community Signage Grants](#) webpage. Questions on the program can be directed to Val Shelley, Project Coordinator, at (814) 486-0213 or send email to: vshelley@lumberheritage.org.

The Affordable Green Neighborhoods Grant Program – Aug 10

The 2012 Affordable Green Neighborhoods Grant Program is now accepting applications. The program, in its second year, awards a grant of \$25,000 in technical assistance and educational resources to affordable housing developers committed to building sustainable communities through the LEED for Neighborhood Development program. The program is sponsored by the US Green Building Council and the Bank of America Charitable Foundation. Deadline for Application is August 10, 2012

EPA Launches Competition for College Students to Develop Innovative Approaches to Stormwater Management – Dec 14

EPA has launched a new design competition called the Campus RainWorks Challenge to encourage student teams on college and university campuses across the country to develop innovative approaches to stormwater management. The competition will help raise awareness of green design and planning approaches at colleges and universities, and train the next generation of landscape architects, planners and engineers in green infrastructure principles and design. The Campus RainWorks Challenge will help encourage the use of green infrastructure projects on college and university campuses to manage stormwater runoff. Registration for the Campus RainWorks Challenge opens September 4, and entries must be submitted by December 14, 2012 for consideration. Winning teams will earn a cash prize of \$1,500 - \$2,500, as well as \$8,000 - \$11,000 in funds for their faculty advisor to conduct research on green infrastructure. More information on the Campus RainWorks Challenge: http://water.epa.gov/infrastructure/greeninfrastructure/crw_challenge.cfm



WATERSHED FACILITATION ASSISTANCE

EnergyStock 2012 at Foundry Park in City of York – Jun 9

A Concert and Festival will be held in York, PA at the Foundry Park (Codorus Boat Basin) on June 9th, 2012 beginning at 11:00 AM. *EnergyStock 2012* will be the first of its kind “Festival for Renewable Energy” in the York area. Featured at the event are Solar, Wind and Geothermal installation contractors, Green Energy Providers, Energy Efficiency Experts, the new Nissan Leaf all-electric car, and a variety of exhibitors, speakers, food vendors and music. The public is encouraged to investigate the prospects of adding renewable energy to their homes or commercial buildings. Common questions include: “What is the best kind of system for me?”; “How much will a system cost?”; “What can I expect to save on my electric bill?,” “Are there tax incentives available?”; “What is the payback time?” Scheduled musical groups include *Free Breakfast*, *Lucid Dreamers*, *Beaver Street Band* and *Dr. Slothclaw*, who are all York area bands. Event sponsors include: R.E. Sanders Plumbing; Wind & Solar, LLC; Morningstar Marketplace; Stewartstown Electric; Green Eco Solutions; Pure Energy Coach; Alternative Therapies; The Citizens Climate Lobby; The Horn Farm and more. The event will run from 11:00 AM to Dusk and admission is free and open to the public. For more information please contact Steve Baker at 717-845-8697, Britt Beachley 717-668-8916 or generalsmilee@gmail.com, or James Rountrey at jrountrey@yahoo.com, and www.yorkgreenparty.org. The event is weather permitting. A rain date is scheduled for the following Saturday June 16th at the same time. All proceeds will benefit renewable energy development in the York County area. This event is organized by the Green Party of York County.

Free Webinar on Community Park Investments Make a Difference – Jun 15

Allentown City and The Pennsylvania Recreation and Park Society, Inc. recently completed a study that examined the impact of a major park renovation at Cedar Creek Parkway in Allentown, Pa. Renovations at Cedar Creek were funded through local (\$2.3 million) and state Key 93 grant monies (\$375,000). The study examined whether park renovations resulted in enhanced park visitor behaviors and experiences as well as the impact of park renovations for the greater community. 10:00 AM to Noon. No pre-registration is required. Use this link to access the webinar: <https://copa.webex.com/copa/onstage/g.php?d=648301005&t=a> and call 1-877-668-4493 and enter this access code 648 301 005. Follow the prompts to enter your contact information. Audio-only participants can dial 1-877-668-4493 and enter this access code 648 301 005.

Public Input Meeting for Susquehanna Heritage Park Master Plan – Jun 19

You are invited to attend a meeting to share your thoughts, concerns, ideas, and vision for the Susquehanna Heritage Park which is made up of Native Lands County Park, Highpoint Scenic Vista & Recreation Area, Zimmerman Center for Heritage, Klines Run Park, and Wilton Meadows Nature Preserve. Tuesday, June 19, 2012 - 7pm, Lower Windsor Township Building - 2425 Carley Road, Wrightsville. Sponsored by: York County Parks Department and York County Commissioners

Calling all Pennsylvania Teachers, Educators, Homeschoolers, Youth Group and Scout Leaders...- Jul 18

Join the Pennsylvania Department of Environmental Protection and its partners (Department of Education [PDE] and Fresco Green Building Supplies) for a free Introductory Alternative Energy Educator's Workshop to be held on the following date and location: July 18, 2012 Harrisburg Area Community College, Room 302, Lebanon (*in partnership with Fresco Green Building Supplies*). The workshop will be held from 8:30 – 4:00 p.m. Teachers will be eligible for 6.5 Act 48 credit hours. Workshop participants will learn about and explore alternative energy technologies through presentations, hands-on activities and a field trip to see alternative energy technology in action. This workshop is geared for upper elementary, middle and high school teachers and non-formal educators and is based upon Pennsylvania's Academic Standards for Environment and Ecology and Science and Technology. Educators will receive background information and standards-based curricular materials. Lunch and refreshments will be provided. To register, contact by June 27th. Ann Devine, Environmental Education Regional Program Coordinator, Department of Environmental Protection, Rachel Carson State Office Building, 400 Market Street, Harrisburg, PA 17101, Phone: 717.772.1644.

Agricultural Informational Meeting and Manure Management Workshop – Jun 19 & 26

Farmers and other landowners and local government officials in York County are invited to attend an informational meeting and workshop that will focus on compliance with the Manure Management and Ag Erosion/Conservation plan regulations that affect all farming and animal operations in Pennsylvania. Agricultural operations are required to develop and implement plans for their land. These plans identify the strategies farmers are using to manage natural resources on the property and prevent run-off into streams and rivers. The York County Conservation District and Penn State Cooperative Extension are hosting an additional session to help affected landowners understand and meet the requirements. Topics will include:

- Landowner roles and responsibilities related to water quality
- What are Ag Erosion and Sediment control and manure management plans
- How to obtain assistance in plan development and implementation
- Roles of Conservation District and the Pennsylvania Department of Environmental Protection in compliance and enforcement

The sessions are free and light refreshments will be provided. No lunch will be provided for the workshops. Registration is required for the Plan development workshops as space is limited. Contact Cooperative Extension at (717) 840-7408 to register.

- Informational Meeting- Tuesday June 19, 2012. 7:00- 9:00 pm.
- Plan Development Workshop- Tuesday June 26, 2012. 10:00 am - 3:00 pm.

Both sessions will be held at the York County Annex Building, Room 1, 118 Pleasant Acres Rd., York, Pa. 17402. For further information see the Conservation District webpage www.yorkccd.org

Call for Session Proposals: New Partners for Smart Growth Conference – Jun 30

The call for session proposals for the 12th Annual New Partners for Smart Growth Conference has officially opened! The conference will be held February 7-9, 2013, in Kansas City, Missouri. Submit your ideas for breakout sessions, workshops, trainings, tours, and networking activities. To access the form and submission instructions, visit <http://www.newpartners.org/cfsp/>. Proposals will be accepted through June 30, 2012.



WATERSHED TECHNICAL ASSISTANCE

Regional Differences in the Effectiveness of Low-Impact-Development Facilities

Low-impact-development (LID) facilities such as green roofs, bioretention swales, rainwater cisterns, rain gardens, impervious runoff dispersion, and permeable pavement can be used to reduce stormwater runoff. The effectiveness of different LIDs to reduce stormwater runoff depends on the individual LID facility, the native soil, and the local climate. In the United States, there is a great range of regional climates and climatic conditions that affect the effectiveness of different LIDs. Clear Creek Solutions used continuous simulation hydrologic computer modeling of LIDs to evaluate the effectiveness of different LIDs for these different regions of the country. The LID modeling was based on Hydrological Simulation Program–Fortran (HSPF) using the Western Washington Hydrology Model (WWHM) interface. Results are presented in terms of the percent reduction in mean annual stormwater runoff for each LID with each major soil type in each of the major regions represented by Philadelphia, PA; Atlanta, GA; Seattle, WA; and Los Angeles, CA. Read more...

<http://www.stormh2o.com/SW/Articles/16764.aspx>

Local Leaders in Sustainability: Green Building Incentive Trends

According to this new publication from the National Association of Counties, the most attractive incentives for greening American communities are also the most basic—tax incentives, density/floor area ratio bonuses and expedited permitting. The simpler the policy, the more likely it is to be implemented successfully, the report concludes. <http://www.naco.org/newsroom/latest/Documents/green%20incentives%20report.pdf>

“SWMMing” Through Stormwater Management Challenges

Urban stormwater ruins picnics and ballgames, raises floods, snarls traffic, threatens safety, wreaks destruction, costs cities millions in damage and disruption—and those are among the relatively short-lived effects. Stormwater runoff is also the leading source of water-quality problems nationwide, carrying sediment and other pollutants to lakes, streams, coastal estuaries, and even drinking supplies; one fairly recent

persuasive report on this came from the United States National Research Council in 2008. The resulting management challenges run the gamut from practical design tasks for sizing culverts and channels to flood prediction and permit compliance. There's a battery of software specialized for each task: modeling flows over hundreds of square miles (above and below ground), triggering flood warnings, tabulating numbers streaming from rain gauges, ensuring MS4 success, performing GPS mapping or GIS tagging of thousands of related sites and assets, providing real time-control of system resources, and backing up and documenting an agency's water-related zoning decisions. Here's an assortment of projects around North America that are now using these tools. Read more...

http://www.stormh2o.com/SW/Articles/SWMMing_Through_Stormwater_Management_Challenges_17303.aspx

Fine-Tuning Street Cleaning

Managers are detecting an increasingly positive effect on pollutant levels. San Angelo, TX, home of the Concho River that flows through the downtown area and three lakes, is a lot like many cities that sprang up along the banks of a river. Stormwater runoff affects the viability of drinking water and the ecosystem not only of San Angelo, but also of several communities located downstream. The Texas Commission on Environmental Quality (TCEQ) lists the North Concho River on its 2010 303(d) list for a water-quality impairment and cites water-quality concerns for high levels of bacteria and depressed dissolved oxygen (DO). As part of its stormwater quality permit issued in August 2007, the city was required to submit a National Pollutant Discharge Elimination System (NPDES) Phase II stormwater management program by February 2008, with full implementation by August 2012. Cities such as San Angelo are finding that cleaning streets of oils, grit, trash, and other pollutants is a much more cost-effective way of keeping these materials out of stormwater before it reaches rivers, lakes, and streams than is cleaning out storm drains and catch basins on a regular basis. Read more...

http://www.stormh2o.com/SW/Articles/FineTuning_Street_Cleaning_17280.aspx

Permeable Pavers – One of the most widely used LID-related products on the market

The use of permeable pavers has gone rampant. It's driven by the stormwater people. There's been a major effort to deal with stormwater at the source. While the goal of poured concrete and asphalt is to guide water away from their surface, the goal of the permeable paver system is to allow it to infiltrate into the ground below. And although they're used most frequently for parking lots and driveways, they're also suitable for a wide variety of surfaces, from sidewalks and plazas to roadways where the speed limit is 40 mph and under. The cost of laying permeable pavers is somewhere between the cost of laying asphalt and concrete, but because stormwater infiltrates between them and is detained between the stones underneath, pavers are ultimately less expensive than asphalt because there's less need for storm drains, pipes, detention ponds, or other stormwater infrastructure. In addition, they don't have the attendant problems of flooding, groundwater depletion, and downstream water erosion and pollution. Read more... http://www.stormh2o.com/SW/Articles/Permeable_Pavers_17281.aspx

Sampling Stormwater Tools and techniques for monitoring water quality

It's part of Patrice Eucalano's job with the city of Milwaukee, WI, to monitor stormwater before it enters the local rivers. "The goal of the city's stormwater monitoring program is to detect and eliminate illicit discharges to the MS4 [municipal separate storm sewer system]," she explains. "As part of the illicit discharge detection and elimination [IDDE] program, the monitoring and testing is done during dry-weather flows only. The city has 733 outfalls, of which 53 are tested semi-annually, 118 are tested annually, and 562 tested every five years."..... [continue reading](#)

Separation Devices for Stormwater Runoff - Hydrodynamic separators and catch basin inserts

National Pollutant Discharge Elimination System (NPDES) Phase II requires control of runoff from sites both during construction and after construction. Post-construction runoff control usually involves more permanent (and more expensive) devices than the temporary berms, silt fence, and other materials used during active construction. These permanent devices fall into two general categories: underground filtration systems (sometimes called hydrodynamic separators) and catch basin inserts. Each system has its own strengths and weaknesses. Hydrodynamic separators are typically used in urban areas for removal of suspended sediments and floatables (trash, debris, and oil, for example) from stormwater, particularly when space limitations prevent the use of other best management practices (BMPs). "Hydrodynamic separators are most effective where the materials to be removed from runoff are heavy particulates—which can be settled—or floatables, which can be captured, rather than solids with poor settleability or dissolved pollutants," according to EPA. Catch basin inserts can drop directly into existing catch basins, or can be retrofit if necessary. They are designed to remove a variety of items from stormwater runoff including trash, debris, oil, and sediment. These inserts tend to be relatively inexpensive and work well for gross solids removal. However, they may not be as effective for removal of soluble pollutants or fine particles, and they can lose effectiveness if not cleaned as needed.

..... [continue reading](#)

Revisiting Design Criteria for Removal of dissolved pollutants by fine-media filters and swales

This is the last in a series of articles examining design criteria for stormwater treatment systems. The first three articles focused on the removal of settleable sediment with attached (particulate) pollutants by basins, fine-media filters, and flow-through swales. The fourth article considered removal of dissolved pollutants in wet basins. This article discusses removal of dissolved pollutants by fine-media filters and briefly flow-through swales. This article discusses removal of dissolved pollutants by fine-media filters and briefly flow-through swales. The previous article established that three regulated metals are primarily found in a dissolved state: zinc, copper, and cadmium. Nitrogen is dissolved or may become dissolved in the system by bacteria. While dissolved phosphorus is generally less than 50% of the total, this fraction is nonetheless important given its bioavailability..... [continue reading](#)

Free planning technical assistance

This workshop was part of Smart Growth America's [free technical assistance program](#). A new round of free workshops will be awarded later this year: if you know someone who would be interested in our workshops [send them a link to join our mailing list](#) and they'll be among the first to learn about the next opportunity.

EPA Releases Fact Sheet on the Economic Benefits of Protecting Healthy Watersheds

EPA has released a new fact sheet as part of its Healthy Watersheds initiative describing the economic benefits of protecting healthy watersheds by highlighting examples from existing peer-reviewed literature and studies. EPA's Healthy Watersheds Initiative is intended to

protect the Nation's remaining healthy watersheds, prevent them from becoming impaired, and accelerate restoration successes. It encourages interested states to take a strategic, systems approach to protecting healthy watersheds that recognizes the dynamic and interconnected nature of aquatic ecosystems. The fact sheet describes studies that demonstrate protecting healthy watersheds can reduce capital costs for water treatment plants and reduce damages to property and infrastructure due to flooding, thereby avoiding future costs. Additionally, examples in the fact sheet show that protecting healthy watersheds can generate revenue through property value premiums, recreation, and tourism. This fact sheet directs readers to important resources to learn more about the substantial efforts to monetize ecosystem services from across the country. This fact sheet is also a resource for those doing outreach to promote the protection of healthy watersheds. The fact sheet is available at: <http://www.epa.gov/healthywatersheds>.

EPA Issues NOI to Specify that an NPDES Permit is not Required for Stormwater Discharges from Logging Roads

The EPA announced that it intends to propose revisions to its Phase I stormwater regulations to clarify that stormwater discharges from forest roads are not stormwater discharges “associated with industrial activity.” This notice is in response to the Ninth Circuit Court of Appeals, which found in Northwest Environmental Defense Center v. Brown that certain logging roads are “associated with industrial activity.” Additionally, in response to the partial remand under Environmental Defense Center, Inc. v. EPA, the Agency is seeking comment on approaches for addressing water quality impacts associated with discharges of stormwater from forest roads. EPA believes that stormwater discharges from forest roads should be evaluated under section 402(p)(6) of the Clean Water Act because the section allows for a broad range of flexible approaches that are well-suited to address the complexity of forest road ownership, management, and use. The EPA intends to study the water quality impacts of forest roads and existing federal, state, tribal, and voluntary programs designed to address them to determine if additional Agency action is necessary. The EPA will seek comment again prior to taking final action. EPA also plans to hold listening sessions to obtain stakeholder input this summer on its consideration of how best to address stormwater discharges from forest roads. EPA will accept written comments for 90 days after publication of the notice in the Federal Register. For more information on the plan to address stormwater discharges from forest roads: <http://www.epa.gov/npdes/stormwater/forestreoads>.

House Stream Cleaning Bill OK'd By Committee, Opposed By CBF

The House Environmental Resources and Energy Committee Wednesday reported out [House Bill 2359](#) (Causser-R-Cameron) to streamline the process for removing potential flood hazards from streams. Prior to Committee action, the Chesapeake Bay Foundation wrote to the Committee chairs and members saying, "While CBF understands the premise behind the bill and agrees that it attempts to address situations requiring attention, we believe the bills before the House EREC fall short of creating a viable solution to these complicated issues." The intent of the bill is to create a clear, efficient and effective process to better manage stream obstruction problems without an unnecessary, complicated and expensive permitting process. The bill also includes measures to further expedite stream clearings when such activities are deemed to be an emergency by local, county or state authorities. Proper permitting and oversight by DEP and its engineers is imperative to ensure that more damage is not done to streams by well-intentioned but uninformed citizens who believe that removal of obstructions will save their property from future flooding events. It should be noted that there is a distinction between obstructions resulting from a severe flooding event, such as newly fallen trees, which may in fact need to be removed from a waterway. While House Bill 2359 does not explicitly acknowledge these hazards, it is important to note that DEP currently has an emergency permitting system in place to handle debris found in our streams as a result of an extreme weather event. As such, it may be more productive to work with DEP to set up a more streamline, easily accessible system which addresses post-flooding storm debris.

Proposals Currently Open for Comment

Date Published In PA Bulletin	Proposal	Comment Deadline
5/5/2012	Nutrient Credit Trading Program; Notice of Inter-basin Trading Request PA Bulletin Notice	6/4/2012
5/12/2012	Annual Air Monitoring Plan PA Bulletin Notice	6/11/2012
5/19/2012	Proposed 2016 CAIR NOx Allowance Allocations PA Bulletin Notice	6/18/2012
5/26/2012	Draft Technical Guidance 394-2000-001 Municipal Reference Document: Guidance for the Implementation of the Chapter 85 Bluff Recession and Setback Regulation PA Bulletin Notice	6/25/2012

