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VOLUME 71
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The Warren Report

WARREN COUNTY SOIL AND WATER CONSERVATION DISTRICT

Peter's Cartridge (Powder Factory) Superfund Site



Construction activities bringing bike path closures throughout the year in Kings Mills. This remediation project at Peter's Cartridge, locally referred to as 'The Powder Factory'. In 1987, the site was added to the National Priorities List (NPL), making Peter's Cartridge part of the Superfund program. The Superfund program is responsible for cleaning up some of the nation's most serious environmental emergencies, oil spills and natural disasters (EPA's Superfund program). In 2015, from <http://www2.epa.gov/superfund>). Peter's Cartridge is one of the largest Superfund sites. This partially abandoned manufacturing facility, located in Kings Mills, Ohio is currently undergoing remediation. Due to a history of munitions manufacturing exposed the soil to extensive lead contamination. The site consists of two areas. Area A is comprised of 15 acres located in the floodplain of the Little Miami River. Site B is 56 acres of wooded land surrounding the facility.

Threats and Contaminants

In 1987, Area A of the property underwent an environmental assessment. On-site monitoring depths of one, four, eight and twelve feet. The samples showed the presence of lead contamination near each building in Area A. In 1999, Ohio Environmental Protection Agency conducted an Expanded Site Inspection. Soil, sediment, groundwater and fish tissue samples were collected. The Expanded Site Inspection revealed volatile, semi-volatile, and pesticide organic compounds. Lead was detected in the on-site monitoring wells and sediment samples.

Cleanup Progress

Site remediation includes excavation and on-site consolidation of contaminated soil and groundwater monitoring. The contaminated soil will be excavated and relocated to an on-site, lined consolidation cell. The excavated areas will be backfilled, re-graded and replanted during the remedial phase. Ravines and box culverts that carry water to the Little Miami, will be cleaned of sediment and debris. The remediated areas will then be restored with native vegetation. The site will remain on a monitoring schedule through the Superfund Program.

Warren County Soil and Water Conservation District recently had a tour of the site, hosted by the Project Manager, in order to gain a better understanding of the remediation and restoration activities taking place to protect our natural resources.

More Information and project status updates can be obtained by contacting Peter's Cartridge Project Manager at Peter.J.Ciotta@dupont.com.



PROTECT OUR STREAMS WHEN DRAINING POOLS

With the cooling temperatures, pools are ready to be drained and prepared for winter. Due to the high chlorine concentrations in swimming pools, draining pools can have a negative impact on local streams and wildlife. Pool water that has not been de-chlorinated before draining produces other highly toxic by-products that end up in our streams. Help protect our water quality and wildlife by remembering these few steps before draining your pool:

1. As a general rule, the pool should sit at least 10 days (after the last chemical treatment) to allow the chlorine level to drop prior to discharge.
 - a. Pool water should be essentially free of chlorine (~ 0.5 ppm total chlorine), algaecides, and other potential pollutants prior to discharge.
 - b. Bubbling, cascading or other forms of aeration will help to remove chlorine from the water.
 - c. When in doubt, test the pool water to ensure that it is safe prior to discharge.
2. pH should be within a normal range (6 to 8).
3. If possible, drain pools to a grassy area on your property. It should not flow directly into a street, gutter, storm sewer or your neighbor's property.
4. When draining to the sewer, you must use a conduit on your property such as a toilet, bathtub, shower or sink.
5. Pool discharges should be done slowly to prevent overwhelming public water treatment plants, soil erosion, flooding, or damage to adjacent properties (including backups into homes and businesses). The maximum allowable flow rate is 30 gallons per minute per pool.
 - a. No discharges are allowed to the storm sewer since it will reach a water body.
 - b. No discharges are allowed to catch basins since they are part of the storm sewer system. Therefore, you cannot drain a pool to the street since it will reach a creek or other water body through catch basins.

FARMLAND PRESERVATION

Warren County Soil and Water Conservation District was awarded nearly \$310,000 from the U.S. Department of Agriculture's Easement Purchase Program. The funds are used to place easements on agricultural land for land to remain as agricultural land for generations to come. This round is closed, the District has applied to be a Certified Local Sponsor through ODA's 2016 funding round. If certified, the District will be awarded additional funds to carry out another application round. Once notified, we will be hosting a landowner workshop for those interested in participating in or learning more about LAEPP. Updates will regularly be posted on our website and informational mailings. For more information, or to get on our mailing list for farmland preservation, please contact Amy Cameron at 513-695-3086.



SPOT THE BEETLE. SAVE A TREE.

Once the Asian longhorned beetle infests a tree, there is no cure. What you can do is look for and report it before it destroys more trees. So take 10 minutes to check your trees for the beetle and any sign of the damage it causes. Then, report your findings at AsianLonghornedBeetle.com.

Find it. Report it. Save trees.
ASIANLONGHORNEDBEETLE.com
U.S. Department of Agriculture



Go to recycle latex paint
at the Warren County Solid

To recycle your unwanted paint simply take it to the collection location at the Warren County Administration Building located at 406 Justice Drive, Lebanon, Ohio 45036. The drop-off center is located in the rear of the parking lot. If you have any questions you can contact the Solid Waste District at (513) 695-1209.

2015 ANNUAL MEETING RECAP

Honey bees are a vital source of pollination for many of the fruit and vegetable crops grown in Ohio such as apples, melons, cucumbers, and pumpkins. Other interesting bee facts include:

- Honey bees can travel 3 to 5 miles in search of nectar.
- Worker Bees, which are only females, live only 4 to 6 weeks.
- It is the only insect that produces food eaten by man.
- A single bee produces 1/12 teaspoon of honey in her lifetime.
- Raw honey contains beneficial minerals, vitamins and has antibacterial properties.
- There are only 1/2 the number of beekeepers there were 25 years ago.
- Approximately 1/3 of the food we eat is pollinated by bees

Many beekeepers don't know that the Ohio Department of Agriculture has overseen their inspections since House Bill 28 was approved on April 21, 1904.

Through the program, each county has a designated apiary inspector that routinely checks registered beehives. The inspectors assist local beekeepers by answering questions, giving advice, and checking the overall health of the hive.

With the registration fee of \$5, Warren County's Apiary Inspector, Jeff Harris, will come to your hive yearly. His passion for bees and the art of beekeeping brings a wealth of knowledge to experienced and novice beekeepers. For more information and the registration form, visit the site: <http://www.agri.ohio.gov/apiary>. Also, don't forget to support your local beekeepers by buying local honey.



The 71st Annual Meeting of the Warren County Soil and Water Conservation District was held on Wednesday, August 26, 2015 at Valley Vineyards, Morrow, Ohio. Nominees for two open supervisor positions were Bruce Goodwin, Mike Lutmer, Neil Schnecker and Samantha Steiner. With no additional petitions submitted, voting was held from 5:00 to 6:30 pm.

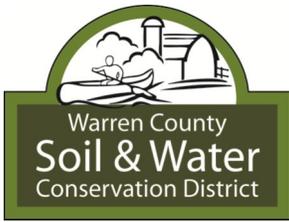
Chairwoman Samantha Steiner welcomed everyone to the 71st Annual Meeting, calling the meeting to order at 7:00 p.m. Samantha Steiner introduced guests: Senator Shannon Jones and Representative Ron Maag, Liz Cline representing the Ohio Soil & Water Conservation Commission, District staff and supervisors. Board Supervisors and staff recognized individuals for their contribution to District conservation activities. The awards were as follows:

Conservation Educators...**Julianne Elder** and **Janet Scruby**.
Hottest Day...**Brooke Stingley** (winning guess July 28, 2015 92^o)
Biggest Tree...was a Sycamore found in **Clearcreek Township's Diane's Sycamore Reserve Park** which measured 115' tall and 324" circumference.

Cooperator of the Year...**Shane and Jennifer Dobbs**.
Conservationist of the Year...**Todd Hudson, Wildflower Café** owner.
Supervisor Appreciation and Service Award...**Shirley Lutmer**.

Liz Cline announced the results of the election with Bruce Goodwin and Samantha Steiner being elected to serve a three year term which will commence January 1, 2016. Jack Blosser of Fort Ancient, was guest speaker and illustrated the prehistoric way of life in Warren County from just before 1650 A.D. This was followed by the door prize drawing, which concluded the evening.

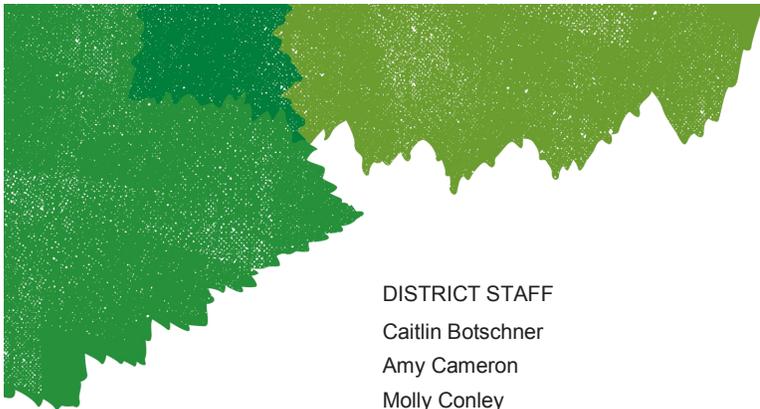




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BOARD OF SUPERVISORS

Bruce Goodwin
Roy Miller
Samantha Steiner
John Tkatschenko
Vince Utrecht

ASSOCIATE SUPERVISORS

Marian Chace
Robert Chace
Mark Steiner

DISTRICT STAFF

Caitlin Botschner
Amy Cameron
Molly Conley
Marta Farrell
Don Norman
Amy Pond
Dawn Stiles
Shaun Stephens
Jeff Thomas

**NATURAL RESOURCES
CONSERVATION SERVICE**

Layne Garringer
John Lafferty
Beth Lessick

VISIT OUR WEBSITE TODAY

WarrenSWCD.com

“Our mission is to promote the wise stewardship of our natural resources through cooperative partnerships, educational programs and technical assistance in land and water management.”

