Erosion Prevention & Sediment Control
Educational Sessions & Field Day Demonstrations

Tuesday, September 24, 2019
Wednesday, September 25, 2019

EPSC certified contractors must attend both days for certification to be extended to September 2022.
### 2019 Kentucky Muddy Water Blues
**September 24-25, 2019  Bowling Green, KY**

**Tuesday, September 24th, 2019**  
Sloan Convention Center • 5.5 CEUs

<table>
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<tr>
<th>Time</th>
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<tr>
<td>7:00am – 8:00am</td>
<td>Sign-in &amp; Continental Breakfast</td>
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| 8:00am – 8:30am | Opening Remarks by Matt Powell  
Environmental Manager for City of Bowling Green |
| 8:30am – 9:00am | Abigail Rains, CFM – MS4 Program Coordinator at Commonwealth of Kentucky  
Kyr10 General Permit – public comment status update |
| 9:00am – 10:00am | Selecting the Appropriate BMPs for your Site  
Clyde Baumgartner  
Mid-TN Products |
| 10:00am – 10:30am | Visit Exhibitors                                                           |
| 10:30am – 11:30am | Cumulative Impacts of Watershed on Water Quality  
Sam Collins, Nathan Click & Dave Harmon  
Kentucky Transportation Cabinet |
| 11:30am – 12:30pm | Implementing a SWPPP  
Beth McLaughlin  
McLaughlin Consulting |
| 12:30pm – 1:30pm | Lunch                                                                     |
| 1:30pm – 2:30pm | Using Polycrylamide (PAM) to Reduce Erosion on your Construction Site  
Kyla J. Iwinski, PhD  
Applied Polymer Systems, Inc |
| 2:30pm – 3:00pm | Visit Exhibitors                                                           |
| 3:30pm – 4:30pm | Preparing Construction Soils for Effective Establishment of Vegetation  
Kristen Hildebrand  
Warren County Extension Office |
| 4:30pm – 5:00pm | Closing Remarks – Matt Powell & Greg Meredith City of BG Public Works     |
| 5:00pm – 7:00pm | Reception                                                                  |

**Wednesday, September 25th, 2019**  
Field Day • The Hub Development • 4 CEUs

<table>
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<tr>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>7:30am – 8:00am</td>
<td>Sign-in &amp; Coffee &amp; Donuts</td>
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<tr>
<td>8:00am – 12:00pm</td>
<td>Erosion Control Products &amp; Best Management Practices Showcased</td>
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<tr>
<td>12:00pm – 1:00pm</td>
<td>Closing &amp; Catered BBQ Lunch</td>
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Selecting the Appropriate BMPs for your Site
9:00am-10:00am

The ultimate goal of the program is clean water and reduction of pollutants associated with urban activities. Proper best management practices on your projects are necessary for many reasons. Are you implementing all the right BMPs in all the right places?

**Instructor:** Clyde Baumgartner, Mid-TN Erosion & Sediment Control, Inc.

Clyde is a project manager, SWPPP Instructor and manages Mid-TN’s sweeper truck operation.

Cumulative Impacts of Watershed on Water Quality
10:30am-11:30am

A generic session title for three Kentucky Transportation Cabinet professionals that are anything but generic. More dirt is being disturbed now than ever, with no slowdown in sight. These gentlemen will have you take a step back and look at the big picture. What are some alternative solutions that could be executed to address the health of the watershed your jobsite contributes runoff?

**Instructor:** Samuel Collins, Erosion Control Liaison, KYTC  
**Instructor:** Nathan Click, Environmental Biologist, KYTC  
**Instructor:** Dave Harmon, Assistant Director of Environmental Analysis, KYTC

Implementing a SWPPP
11:30am-12:30pm

The design is complete, the permits have been obtained, and contracts are in place for contractors. It’s time to get construction started! What could possibly go wrong? A SWPPP, stormwater pollution prevention plan, is a best guess about how the construction site will begin, progress and finish based upon the information that the designer has before construction. However, it is rare that construction progresses as the designer envisioned. This presentation will describe documenting inspections, managing modifications, and using rainfall information to determine BMP effectiveness.

**Instructor:** Beth McLaughlin, McLaughlin Consulting

As a consultant, Beth specializes in stormwater and erosion control for municipalities. She has more than 30 years of experience working in state and local government.
**Using Polyacrylamide (PAM) to Reduce Erosion on your Construction Site**

1:30pm-2:30pm

Anionic polyacrylamide (PAM) is a versatile and effective tool for erosion and sediment control as well as stormwater treatment. Learn how anionic PAMs can prevent erosion on slopes and control sediment runoff, as well as decrease existing turbidity in sediment basins. Soil specific polymer additions (in granular and liquid form) can assist temporary or permanent grassing by binding the seed, fertilizer, mulch, and soil together until the grass germinates. Solid log forms of PAM can be used in passive and active treatment to improve water clarity and quality by flocculating and removing suspended particulate such as sediment (clays, silt, etc.), nutrients, and metals. Effective in cost and functionality, could this be a new weapon in your sediment control arsenal?

**Instructor:** Kyla J. Iwinski, PhD, Applied Polymer Systems, Inc.

Kyla has worked for Applied Polymer Systems since 2007 where her primary roles are researching new or improved polymer uses and technologies as well as assisting with technical training, support, and presentations. She holds a PhD from Clemson University where her work focused on water resource management and ecotoxicology.

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**Preparing Construction Soils for Effective Establishment of Vegetation**

3:30pm-4:30pm

Construction sites can damage the soil structure making it difficult to grow specific plants. What are the basic principles to use in order to help improve the success rate for establishing new plants in the soil?

**Instructor:** Kristin Hildabrand, Horticulturalist for Warren County Extension Service

Kristin works closely with clients who have questions about growing plants such as flowers, trees, shrubs, home lawns, fruits and vegetables. She also serves as the advisor to the Warren County Extension Master Gardener group.
Profile Products is the world’s largest manufacturer and supplier of hydraulically applied erosion control technologies, soil modifiers, turf establishment blankets and turf reinforcement mats. We can help you prevent erosion and establish vegetation in virtually any arable environment around the globe.
Gold Level Sponsor

MID-TN
EROSION AND SEDIMENT CONTROL, INC.

Since 2004, MID-TN Erosion and Sediment Control, Inc. has provided the mid-south with professional erosion control and stormwater management services for both commercial and residential contractors. Mid TN Erosion provides SWPPP inspections with our team of well-trained inspectors are there to help you to keep your site in compliance for the life of the job. Our crews install all types of BMP’s as well as all types of grassing services. Mid-TN also is a supplier of erosion control products.

Gold Level Sponsor

Faircloth Skimmer® surface drains are the original BMP sediment basin skimmers, reliable and easy to use. They float on the surface, releasing the cleanest water near the surface and draining the basin slowly over several days at a constant rate to maximize settling. Eight sizes with adjustable orifices available.

Reception Sponsor

Hanes Geo Components is your leading supplier of erosion control and geosynthetic materials, including woven and nonwoven fabrics and grid. Our commitment to providing excellent customer service and quality products in high demand markets has driven our continued growth over 14 years. Because our network of distribution facilities spans nationwide, chances are we already serve your neighborhood today in order to promote stable roads, clean drinking water, and quick re-vegetation.

Coffee Break Sponsor

FODS Trackout Control Mats – the only durable, cost-saving, and environmentally friendly reusable construction entrance mat solution available. The FODS Trackout Control Mat was created as a simple solution to the common problems with stabilized construction entrances. As business owners, we became tired of spending valuable time and money on ineffective, conventional construction exit trackout solutions like aggregate or wheel washes which still resulted in job site fines.
Exhibitors

American Excelsior
Kevin Boyce
kboyce@americanexcelsior.com
815-768-5866
www.americanexcelsior.com
American Excelsior is a manufacturer of erosion and sediment control products with manufacturing locations and distribution partners across the U.S. Products include Curlex ECBs, Recyclex TRMs, Curlex Sediment Logs, Curlex Bloc for shoreline and water filtration, straw and straw/coconut products, and the FREE ErosionWorks analysis and design program.

Bowling Green Steel
Jason Netherton
jned2201@gmail.com
270-819-0257
www.haganandstone.com
Bowling Green Steel is your local supply house for soil stabilization products, water run-off supplies, metal and poly culvert, matting of all types along with a full inventory of concrete supplies. We offer job site delivery. No order too small or too large. Call us and let our staff solve your sourcing requirements with our product knowledge and prompt delivery.

Caudill Seed Company
Justin Henderson
jhenderson@caudillseed.com
502-380-6617
www.caudillseed.com
Caudill Seed Company is a regional distribution company for seed, fertilizer, erosion control materials, hydoseeding supplies and agricultural products.

Contech Engineered Solutions
Michael Johnson
mjohnson@conteches.com
270-556-6844
www.conteches.com
Contech provides innovative, cost-effective site solutions to engineers, contractors, and developers on projects across North America. Our portfolio includes bridges, drainage, erosion control, retaining wall, sanitary sewer, and stormwater management products. Supporting every aspect of your project, our extensive network of local experts are here to help, providing agency and regulatory guidance, engineering calculations, site specific drawings, solution development, and cost estimates.

FODS
Jamie Utley
jutley@prostaffsales.com
www.getfods.com
FODS Trackout Control Mats – the only durable, cost-saving, and environmentally friendly reusable construction entrance mat solution available. The FODS Trackout Control Mat was created as a simple solution to the common problems with stabilized construction entrances. As business owners, we became tired of spending valuable time and money on ineffective, conventional construction exit trackout solutions like aggregate or wheel washes which still resulted in job site fines.

Grassworx
Tim Lancaster
tim.lancaster@grassworxllc.com
812-483-1532
www.insta-turf.com
GrassWorx InstaTurf high flow erosion control products are the first permanent turf reinforcement mats developed to meet the challenges of today’s more frequent, higher intensity storms and floods. InstaTurf products give projects a grassed-in finished look and rock-solid erosion protection from day one of installation to ensure natural vegetation establishment and long term stabilization.
Hanes Geo Components
Addison Cheek
addison.cheek@hanescompanies.com
336-703-7965
www.hanesgeo.com
Hanes Geo Components is your leading supplier of erosion control and geosynthetic materials, including woven and nonwoven fabrics and grid. Our commitment to providing excellent customer service and quality products in high demand markets has driven our continued growth over 14 years. Because our network of distribution facilities spans nationwide, chances are we already serve your neighborhood today in order to promote stable roads, clean drinking water, and quick re-vegetation. hanesgeo.com

J.W. Faircloth & Son, Inc
Warren Faircloth
warren@fairclothskimmer.com
919-732-1244
www.fairclothskimmer.com
Faircloth Skimmer® surface drains are the original BMP sediment basin skimmers, reliable and easy to use. They float on the surface, releasing the cleanest water near the surface and draining the basin slowly over several days at a constant rate to maximize settling. Eight sizes with adjustable orifices available.

Mat, Inc
Jim Sandherr
jps15@verizon.net
412-980-5389
www.matinc.biz
Premier manufacturer of hydraulically applied erosion and sediment control products as well as vegetation establishment hydro-mulch.

Jen-Hill Construction Materials
Trey Hightower
trey@jenhill.com
615-812-0530
www.jenhill.com
Jen-Hill Construction Materials is a distributor of the world’s leading manufacturers of erosion control, road building geotextiles and geogrids, porous pavements, stormwater treatment systems and underground detention systems. Jen-Hill works on projects from start to finish starting with the engineer and owner to the end user to ensure that Jen-Hill is offering the most efficient and cost effective alternatives for the client.

Mid-TN Erosion and Sediment Control, Inc.
Chad Richey
chadr@midtnerosion.net
615-981-1861
www.midxtnerosion.net
Since 2004, MID-TN Erosion and Sediment Control, Inc. has provided the mid-south with professional erosion control and stormwater management services for both commercial and residential contractors. Mid TN Erosion provides SWPPP inspections with our team of well-trained inspectors are there to help you to keep your site in compliance for the life of the job. Our crews install all types of BMP’s as well as all types of grassing services. Mid-TN also is a supplier of erosion control products.
Exhibitors, continued

Motz Enterprises, Inc.
Ron Geater
ron@flexamat.com
815-354-1129
www.flexamat.com
Flexamat® is a permanent erosion control mat utilized for stabilizing slopes, channels, low water crossings, inlet/outlet protection, and shorelines. Tied Concrete Block Mat is a generic term for Flexamat®. It consists of concrete blocks (6.5” x 6.5” with a 2.25” profile) locked together and embedded into a high strength geogrid.

Siltworm, Inc
Justin Bolda
justin@siltworm.com
219-771-9056
www.siltworm.com
Siltworm is a filter device used for sediment control, it is comprised of a high quality rolled netting filled with our proprietary blend of 100% recycled, kiln-dried material. Applications include- Perimeter control, Ditch Check, Slope interruption, and inlet protection.

Profile Products
Patrick Holubetz
pholubetz@profileproducts.com
513-404-8169
www.profileproducts.com
Profile Products is the world’s largest manufacturer and supplier of hydraulically applied erosion control technologies, soil modifiers, turf establishment blankets and turf reinforcement mats. We can help you prevent erosion and establish vegetation in virtually any arable environment around the globe.
Planning Committee

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Engineer in Training II
Muddy Water Blues Event Sites

Tuesday, September 24, 2019
Holiday Inn Sloan Convention Center
1021 Wilkinson Trace
Bowling Green, KY 42103

Wednesday, September 25, 2019
The Hub Development
495 Lovers Ln
Bowling Green, KY 42103

Questions? Comments? Concerns?
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Special thanks to Kim M. Kline with the Southeast Chapter of the International Erosion Control Association. She’s a beast.