

Stormwater management issues are everywhere. NPDES Phase II Rules are the next step in the EPA's Clean Water Act to preserve, protect and improve the Nation's water resources from polluted storm water runoff and mandate the implementation of BMPs (Best Management Practices). Designed to reduce storm water runoff pollution, NPDES guidelines regulate highway and other construction and land disturbance activities, industrial activities and Municipal Separate Storm Sewer Systems (MS4s).

Pennsylvania's E & S and Stormwater Best Management Practice Manuals contain a variety of example BMPs or measures used to reduce the amount of pollution entering surface waters, air, land or ground waters. This workshop will provide guidance on how the geosynthetic products and technologies presented can be utilized as alternates or components of many of the structural or non-structural BMPs in those manuals.

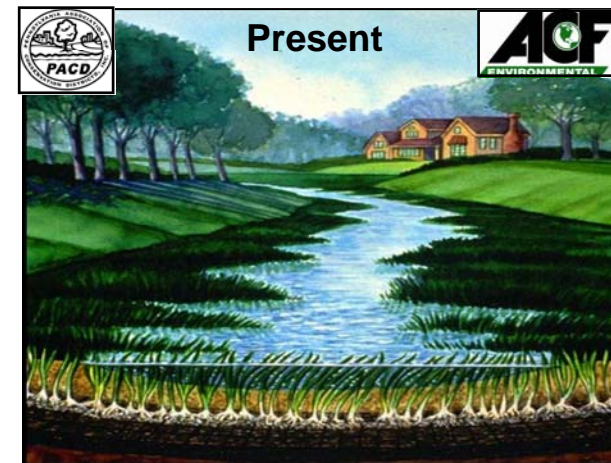
Special thanks to our co-sponsors for subsidizing the cost of this workshop, including lunch & snacks.



Warren Cohn CPESC, CPSWQ  
 ACF Environmental  
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 Norristown, PA 19401



**The Cumberland and Franklin  
 County Conservation Districts,  
 The Central PA Section of ASCE,  
 The Pennsylvania Association of  
 Conservation Districts &  
 ACF Environmental**



**GEOSYNTHETIC BMPs  
 FOR STORMWATER  
 MANAGEMENT**

**One-Day Workshop**

**Thursday, March 19th, 2009  
 8:30 AM to 4:00 PM**

**Franklin County Conservation District  
 185 Franklin Farm Road  
 Chambersburg, PA 17202**

Eligible for 6.0 Pennsylvania Continuing Education  
 Clock Hours through ASLA PA/DE

Eligible for 6.0 CPESC PDUs (Professional  
 Development Units) from CPESC

### Learning Objectives:

At the completion of this workshop, participants will have a basic understanding of the selection, design, benefits, permitting, limitations and installation of a variety of geosynthetic solutions for sediment control, erosion prevention, thermal pollution reduction, runoff management and site stabilization. Both generic and product specific examples of geosynthetic solutions will be presented.

### Who Should Attend:

Engineers, Landscape Architects, planners, contractors, inspectors and Conservation District, Municipal, County, State, MS4, and watershed association staff who are involved in the design, specification, construction, maintenance and regulatory issues related to storm water management and watershed protection.

Workshop Instructor

### **Warren Cohn, CPESC, CPSWQ BMP Product Specialist**

Warren has been assisting engineers, contractors and regulators with geosynthetic solutions to storm water management for over 20 years. Warren is a Certified Professional in Erosion and Sediment Control (CPESC) an authorized instructor of the CPESC Review Course, a Certified Professional in Storm Water Quality (CPSWQ) and was a member of the PA BMP Manual Oversight Committee.

For directions to this Workshop and information on other Workshops and CPESC Review Courses and Exams, please visit the calendar tab at [www.ACF-BMPS.com](http://www.ACF-BMPS.com)

### REGISTRATION INFORMATION

- ◆ Space is limited so please register at your earliest convenience.
- ◆ Registration and Continental Breakfast begins at 8:00a.m.
- ◆ A registration confirmation will be sent via e-mail to each participant.
- ◆ For additional information, contact Warren Cohn, CPESC, CPSWQ @ 888-856-4505 or [wcohn@acfenvironmental.com](mailto:wcohn@acfenvironmental.com)

## **Geosynthetic BMPs for Storm Water Management**

### **8:30 - 10:15 Sediment Control and Erosion Prevention**

*Perimeter Controls, Inlet Protection, Filter Bags and Tubes, Polyacrylamide (PAM), Erosion Control Blankets.*

### **10:15 - 10:30 Break**

### **10:30 - 12:00 Sediment Control and Erosion Prevention (con't)**

*Hydraulic applications, Turf Reinforcement Mats (TRMs), Scour Prevention, Transition Mats, Articulating Concrete Blocks (ACBs)*

### **12:00 - 1:00 Lunch**

### **1:00 - 2:30 Run-off Management**

*Underground Storage, Pre-treatment, Liners, Pervious Parking and Vehicle Access Treatments*

### **2:45 - 4:00 Site Stabilization**

*Cellular Confinement (Load Support, Slope Protection, Earth Retention), MSE Green Walls, Earth Anchors, Geocomposite Drainage Systems, Geofoam and Geotextiles and Geogrids.*

Please register me for:  
(Select one)

BMP Workshop: ASCE or CPESC Member	\$50.00
BMP Workshop Non-Member	\$60.00
BMP Workshop Conservation District, PennDOT, PA DEP, EPA, PTA or Municipal personnel	\$25.00
Includes breakfast, lunch, and workshop materials	

Franklin-Cumberland 3-19-09

**Mail the registration form** with check or purchase order made payable to:

### **“ACF BMP Workshop”**

c/o Warren Cohn, ACF Environmental  
919 S. Healed Street, Wilmington, DE 19801

or **Fax the registration form** with credit card information to 302-225-4086.

ASCE or CPESC Membership No: \_\_\_\_\_

Name: \_\_\_\_\_

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State: \_\_\_\_\_ Zip: \_\_\_\_\_

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### **Credit Card Registration**

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