

Storm water 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. Geosynthetics can also serve as a part of a BMP "Treatment Train".



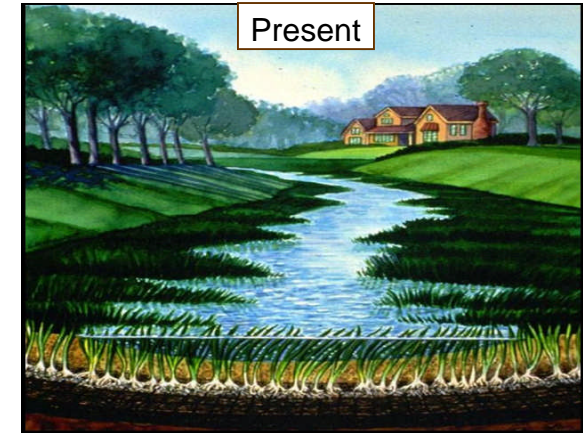
Special thanks to our co-sponsors for providing lunch and snacks and subsidizing the cost of this workshop.



Warren Cohn CPESC  
ACF Environmental  
2939 Felton Road  
Norristown, PA 19401



The Pittsburgh Section of ASCE's Environmental & Water Resources Institute, The PA/DE Chapter of the American Society of Landscape Architects, along with the Pennsylvania Association of Conservation Districts & ACF Environmental



## GEOSYNTHETIC BMPs FOR STORM WATER MANAGEMENT



**One-Day Workshop**  
Wednesday, October 31st, 2007  
8:30 AM to 4:00 PM  
Westmoreland Conservation District  
Greensburg, PA



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 BMP Product Specialist**

Warren has been assisting engineers, contractors and regulators with geosynthetic solutions to storm water management for over 18 years. Warren is a Certified Professional in Sediment and Erosion Control (CPESC) and also an authorized instructor of the CPESC Review Course, and was a member 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)

Special thanks to the Westmoreland Conservation District for their help with this workshop!

### REGISTRATION INFORMATION

- ◆ Space is limited so please register at your earliest convenience.
- ◆ Registration and Continental Breakfast begins at 8:00 a.m.
- ◆ A registration confirmation will be sent to each participant.
- ◆ For additional information, contact Warren Cohn, CPESC @ 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, Geotextiles and Geogrids, Earth Anchors.*

### **Please register me for:**

BMP Workshop ASCE or ASLA Member	\$30.00
BMP Workshop Non-Member	\$40.00
BMP Workshop Conservation District, PennDOT, PA DEP, EPA, PTA or Municipal personnel	\$15.00
BMP Workshop Late Registration (later than one week prior to workshop date)	\$50.00
Yes, I am requesting Landscape Architecture Continuing Education Credit	\$5.00
Total	
Includes lunch, snacks and workshop materials	

WCD 10-31-07

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

### **“ACF BMP Workshop”**

c/o Warren Cohn CPESC, ACF Environmental  
2939 Felton Road, Norristown, PA 19401

or **Fax the registration form** with credit card information to 610-731-0144

ASCE or ASLA Membership No: \_\_\_\_\_

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