

Agenda

Understanding Stormwater Permit Requirements and Procedures E. White

Background and development of national and state regulations and permit requirements
Activities exempt from construction general stormwater permit requirements
Complying with NPDES and state-specific regulations
Notice of intent requirements
Special conditions for sensitive waters
Review and permitting process
Implementing, monitoring and assessing SWPPPs

Understanding and Applying the Science of Stormwater E. White

Hydrology, soil science and drainage
Classifying storm events
Identifying consequences of storm events
Stormwater modeling

Developing Stormwater Pollution Prevention Plans (SWPPP) E. White

Including required elements
Assessing building sites
Choosing best management practices (BMPs)
Planning for required inspection, maintenance and recordkeeping
Obtaining plan certification
Implementing SWPPPs

Next Generation Innovative Stormwater Technologies R. Woodman

What is low impact development and green infrastructure?
Space efficient subsurface storage
Mechanical treatment and screening
Vegetated/biological treatment systems
Runoff reduction techniques

Developing Plans for Inspection, Monitoring, Maintenance and Recordkeeping E. White

Understanding the science and terminology of stormwater management and monitoring
Implementing monitoring plans
Reviewing stormwater BMP case studies

Stormwater Management

North Haven, CT - Thursday, December 20, 2018



Halfmoon Education Inc.
PO Box 278
Altoona, WI 54720-0278

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Learning Objectives

You'll be able to:

Comply with National Pollution Discharge Elimination System (NPDES) and state specific stormwater regulations.

Get an overview of the science behind stormwater, and discuss the classification and modeling of storm events.

Develop stormwater pollution prevention plans (SWPPPs).

Choose best management practices, and review next generation innovative stormwater technologies.

Implement plans for stormwater management system inspection, monitoring, maintenance and recordkeeping.



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Review stormwater permit requirements and procedures

Understand and apply the science of stormwater

Learn how to develop stormwater pollution prevention plans (SWPPP)

Explore next generation innovative stormwater technologies

Plan for inspection, monitoring, maintenance and recordkeeping

Continuing Education Credits

Professional Engineers

6.5 PDHs

Architects

6.5 HSW CE Hours

6.5 AIA HSW Learning Units

Landscape Architects

6.5 HSW Contact Hours

6.5 LA CES HSW PDHs

Floodplain Managers

6.5 ASFPM CECs

Contractors

Non-Credit Continuing Ed.



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG



Faculty

Erik D. White, P.E. *President, UEG Consulting, LLC*
Mr. White has over 20 years of experience in engineering, ranging from compliance and industrial wastewater and air treatment system evaluations to remedial study/design projects. Mr. White works with clients across a variety of industries, including iron and steel, utilities, specialty chemicals, food and food additive processing, and petroleum refining. He has particular expertise in industrial wastewater and stormwater regulatory review and implementation support under the National Pollutant Discharge Elimination System (NPDES) Program. Mr. White also provides Section 316(b) implementation support, including evaluation of existing intake structures, design of data collection programs, interpretation of results, and recommendations for improvements. He works on conceptual-level design of industrial wastewater and groundwater treatment systems and conceptual-level studies with respect to appropriate alternatives for remediation of contaminated soil and groundwater. Mr. White earned a BS degree in Civil Engineering from the University of Massachusetts in Amherst and an MS degree in Environmental Engineering from University of Michigan. He is a licensed professional engineer in New York, New Jersey, Illinois, Maryland and Delaware.

Rob Woodman, P.E. *Senior Stormwater Engineer, ACF*
Mr. Woodman serves ACF as senior stormwater engineer. His skill set bolsters ACF’s engineering technical support service allowing ACF to better serve their clients and customers with value-added, project-specific, engineering technical support. Mr. Woodman earned a BS degree in Civil Engineering in 2004 from the University of Wollongong in Wollongong, Australia. His schooling provided the necessary knowledge for Mr. Woodman to launch his career into site civil design and the ever trending green infrastructure industry. He spent the first 10 years as a design and project engineer for a private engineering consulting firm, gaining experience and expanding his knowledge of the industry on a wide variety of civil and stormwater engineering design projects for private and public sector clients throughout New England. He is a registered professional engineer in Maine and Pennsylvania, a certified professional in erosion and sedimentation control, Maine DEP certified stormwater inspector, master gardener, and entrepreneur.

Seminar Information

Best Western Plus North Haven
201 Washington Avenue
North Haven, CT 06473
(203) 239-6700

Registration
8:00 - 8:30 am
Morning Session
8:30 am - 12:00 pm
Lunch (on your own)
12:00 - 1:00 pm
Afternoon Session
1:00 - 4:30 pm

Tuition
\$279 for individual registration
\$259 for three or more registrations.
Each registration includes a complimentary continental breakfast and printed seminar manual.
Receive a reduced tuition rate of \$101 by registering to be our on-site coordinator for the day. For availability and job description, please visit www.halfmoonseminars.org.

How to Register

- Visit us online at www.halfmoonseminars.org
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

Cancellations: Cancel at least 48 hours before the start of the seminar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar or the CD/manual package. You may also send another person to take your place.

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to architects and landscape architects in most states, including Connecticut landscape architects.

This seminar is approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. J885) and the Landscape Architecture Continuing Education System for 6.5 HSW PDHs. Only full attendance can be reported to the AIA/CES and the LA/CES.

Engineers, architects, and landscape architects seeking continuing education credit in other states will be able to apply the hours earned at this seminar, in most cases. Refer to specific state rules to determine eligibility.

The Association of State Floodplain Managers has approved this activity for 6.5 CECs.

This course offers construction contractors a non-credit continuing education opportunity. It has not been approved by any state contractor licensing entity.

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

Additional Learning

Webinar Series

Cogeneration System Principles and Practice

- **Understanding the Benefits of Cogeneration**
Thurs., Nov. 8, 2018, 11:00 AM - 12:30 PM CST
- **Laws, Regulations and Building Codes Impacting Cogeneration**
Thurs., Nov. 8, 2018, 1:00 PM - 2:30 PM CST
- **Examining Cogeneration Technologies**
Fri., Nov. 9, 2018, 11:00 AM - 12:30 PM CST
- **Moving to Cogeneration: Analysis, Modeling and Case Studies**
Fri., Nov. 9, 2018, 1:00 - 2:30 PM CST

Shallow Foundation Design and Construction

- **Evaluating Building Sites**
Wed., Nov. 14, 2018, 11:00 AM - 12:30 PM CST
- **Shallow Foundation Design**
Wed., Nov. 14, 2018, 1:00 - 2:30 PM CST
- **Special Considerations in Foundation Design and Construction**
Thurs., Nov. 15, 2018, 11:00 AM - 12:30 PM CST
- **Soil Improvement and Foundation Diagnosis and Repair**
Thurs., Nov. 15, 2018, 1:00 - 2:30 PM CST

Roadway Design

- **Roadway Design**
Thurs., Nov. 29, 2018, 11:00 AM - 12:30 PM CST
- **Roadway Design Process**
Thurs., Nov. 29, 2018, 1:00 - 2:00 PM CST
- **Typical Roadway Sections and Alignment**
Fri., Nov. 30, 2018, 11:00 AM - 1:30 PM CST
- **Intersections, Drainage and Pedestrian-Bicycle Facilities**
Fri., Nov. 30, 2018, 2:00 - 3:30 PM CST

For more information visit:
www.halfmoonseminars.org/webinars/

Can’t Attend? Order the CD/Manual Package:
An audio recording of this seminar is available for \$289 (including shipping). Allow five weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Registration

Stormwater Management
North Haven, CT - Thursday, December 20, 2018

How to Register	Registrant Information
Online: www.halfmoonseminars.org	Name: _____
Phone: 715-835-5900	Company/Firm: _____
	Address: _____
Fax: 715-835-6066	City: _____ State: _____ Zip _____
	Occupation: _____
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	Email: _____
	Phone: _____
	Name: _____
	Occupation: _____
Complete the entire form. Attach duplicates if necessary.	Email: _____
	Phone: _____
	Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.
() I need special accommodations. Please contact me.	

Tuition

() **I will be attending the live seminar.** Single Registrant - **\$279.00**. Three or more registrants from the same company registering at the same time - **\$259.00** each.

() **I am not attending.** Please send me the CD manual package for **\$289.00**. (S&H included. Please allow five weeks from seminar date for delivery)

Checks: Make payable to HalfMoon Education Inc.

Credit Card: *Mastercard, Visa, American Express, or Discover*

Credit Card Number: _____

Expiration Date: _____ CVV2 Code: _____

Cardholder Name: _____

Billing Address: _____

City: _____ State: _____ Zip: _____

Signature: _____

Email: _____