

Agenda

Presented by: James Jones

Understanding Stormwater Permit Requirements and Procedures

Background and development of national and state regulations and permit requirements
Activities exempt from construction general stormwater permit requirements
Complying with NPDES and Ohio Environmental Protection Agency 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

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

Developing Stormwater Pollution Prevention Plans (SWPPP)

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

Assessing building sites

Implementing SWPPPs

Choosing Appropriate Storm Water Best Management Practices (BMPs)

Stormwater management planning
Green infrastructure practices
Preservation of natural features and conservation design
Reducing impervious cover
Green management techniques
Conservation of natural areas
Riparian buffers and filter strips
Vegetated swales
Stream daylighting
Green roofs
Rain barrels/cisterns
Proprietary practices

Sizing criteria

Disconnected runoff
Rain gardens
Stormwater planters
Porous pavement

Developing Plans for Inspection, Monitoring, Maintenance and Recordkeeping

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

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PO Box 278
Altoona, WI 54720-0278



Stormwater Management 2018
Dayton, OH - Thursday, May 3, 2018

Learning Objectives

You'll be able to:

Determine when a stormwater permit is necessary and comply with stormwater permit requirements.

Describe the elements to be included in stormwater pollution prevention plans (SWPPPs).

Obtain plan certifications for SWPPPs.

Choose appropriate stormwater best management practices (BMPs) and develop plans for inspection, monitoring, maintenance and recordkeeping.

Utilize green infrastructure practices and green management techniques to reduce stormwater runoff.



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Understand the background and development of national and state stormwater rules and permit requirements

Identify activities exempt from construction general stormwater permit requirements

Examine the required elements and best practices for stormwater pollution prevention plans

Review stormwater best management practices that can reduce stormwater runoff

Learn about the science of stormwater management and monitoring

Continuing Education Credits

Professional Engineers

7.5 CPD Hours/PDHs

Architects

7.5 HSW Continuing Ed. Hours
7.5 AIA HSW Learning Units

Landscape Architects

7.5 HSW Contact Hours
7.5 LA CES HSW PDHs

Floodplain Managers

7.5 ASFPM CECs

Construction Contractors

Non-Credit Continuing Ed.



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Faculty

James Jones
Senior Project Manager at BL Companies

Mr. Jones is a professional engineer licensed in Ohio and Colorado, a Certified Professional in Erosion & Sediment Control (CPESC) and a Certified Professional in Storm Water Quality (CPSWQ). He has over 15 years of experience with residential and commercial land development, with special emphasis on storm water issues. Mr. Jones has also represented local governmental agencies, reviewing engineering plans and providing recommendations to approval authorities. He earned his B.S. degree from Iowa State University and his Master of Environment and Natural Resources (MENR) from The Ohio State University.

Seminar Information

Courtyard Dayton - University of Dayton
2006 Edwin C. Moses Blvd.
Dayton, OH 45417
(937) 220-9060

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 live lecture presentation is open to the public and offers 7.5 continuing professional development hours/PDHs to professional engineers and 7.5 HSW continuing education hours to architects in most states, including Ohio. This course offers 7.5 HSW contact hours to Ohio landscape architects. Educators and courses are not subject to preapproval in Ohio.

This seminar is approved by the American Institute of Architects for 7.5 HSW Learning Units (Sponsor No. J885) and the Landscape Architecture Continuing Education System for 7.5 HSW PDHs. Only full attendance can be reported to the AIA/CES and LA/CES.

HalfMoon Education is deemed an approved continuing education sponsor for architects and landscape architects in New York. HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana, Louisiana, Maryland, New Jersey (Approval No. 24GP00000700), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota.

The Association of State Floodplain Managers has approved this activity for 7.5 CECs.

This course offers a continuing education opportunity to construction contractors. It has not been approved by any state contractor licensing board.

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

Community Solar and Rooftop Solar

- **Community Solar**
Wed., May 2, 2018, 11:00 AM - 2:15 PM CDT
- **Design Your Solar Roof**
Thurs., May 3, 2018, 11:00 AM - 2:15 PM CDT

Complying with Fire and Building Codes

- **Introduction to Fire Protection and Life Safety Design**
Thurs., May 3, 2018, 11:00 AM - 12:30 PM CDT
- **Occupancy Classifications**
Thurs., May 3, 2018, 1:00 - 2:30 PM CDT
- **Means of Egress**
Fri., May 4,, 2018, 11:00 AM - 1:00 PM CDT
- **Fire Protection Features and Occupancy Exercises**
Fri., May 4, 2018, 1:30 PM - 3:30 PM CDT

Pavement Design

- **Principles of Pavement Design**
Thurs., May 10, 2018, 11:00 AM - 12:30 PM CDT
- **Flexible Pavement Design**
Thurs., May 10, 2018, 1:00 - 2:30 PM CDT
- **Rigid Pavement Design**
Fri., May 11, 2018, 11:00 AM - 12:30 PM CDT
- **Pavement Drainage and Maintenance**
Fri., May 11, 2018, 1:00 PM - 2:30 PM CDT

Foundations in Cold Regions

- **Introduction to Cold Regions Foundations**
Thurs., May 17, 2018, 11:00 AM - 12:30 PM CDT
- **Shallow Foundation Design in Cold Regions**
Thurs., May 17, 2018, 1:00 - 2:30 PM CDT
- **Deep Foundation Design in Cold Regions**
Fri., May 18, 2018, 11:00 AM - 12:30 PM CDT
- **Foundation Construction in Cold Regions**
Friday, May 18, 2018, 1:00 - 2:00 PM CDT

Proposal Writing

- Tues., May 22, 2018, 11:00 AM - 3:30 PM CDT

Soil Engineering

- **Introduction to Soil Engineering**
Wed., May 30, 2018, 11:00 AM - 12:30 PM CDT
- **Design of Excavation Support Systems**
Wed., May 30, 2018, 1:00 - 2:30 PM CDT
- **Slope Repair Techniques**
Thurs., May 31, 2018, 11:00 AM - 12:30 PM CDT
- **Practical Approaches to Foundations and Retaining Structures**
Thurs., May 31, 2018, 1:00 - 2:30 PM CDT

Can't Attend? Order the CD/Manual Package:
A full recording of this seminar is available for \$289, which includes shipping and handling. This learning method does not qualify for the continuing education credit for Ohio architects, landscape architects, or engineers. Please allow five weeks from the seminar date for delivery.

Registration

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How to Register		Registrant Information
Online: www.halfmoonseminars.org		Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip _____ Occupation: _____ Email: _____ Phone: _____
Phone: 715-835-5900		Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____
Fax: 715-835-6066		Name: _____ Occupation: _____ Email: _____ Phone: _____
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		Name: _____ Occupation: _____ Email: _____ Phone: _____
Complete the entire form. Attach duplicates if necessary.		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: <i>Mastercard, Visa, American Express, or Discover</i>
Credit Card Number: _____
Expiration Date: _____ CVV2 Code: _____
Cardholder Name: _____
Billing Address: _____
City: _____ State: _____ Zip: _____
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