

Agenda

Presented by Gary LaForge

Understanding Federal and Kentucky Industrial Stormwater Laws and Regulations

- Examining the development of the Kentucky Industrial Stormwater General Permit
- Determining eligibility
- Certifying for no exposure
- Reviewing permit requirements
- Understanding the permitting process
- Exploring permit maintenance and maintenance fees

Examining Stormwater Pollutants and the Development of Total Maximum Daily Loads (TMDLs)

- Total suspended solids
- Oxygen-demanding substances
- Excess nutrients
- Metals
- Other common pollutants

Creating Stormwater Pollution Prevention Plan (SWPPP)

- Complying with stormwater control measure requirements
- Describing facility
- Providing assessment of activities and materials
- Including modification and reporting requirements
- Including availability requirements
- Construction site runoff control

Implementing Best Management Practices (BMPs)

- BMPs to achieve “no exposure”
- Stormwater reduction
- Reuse of stormwater
- Stormwater control/management
- Structural BMPs for treating stormwater
- Contingency planning for extreme weather

Sampling and Reporting

- Setting up monitoring procedures
- Collecting and evaluating samples
- Submitting annual reports
- Modifying BMPs

Complying with Kentucky Industrial Stormwater Requirements

Louisville, KY - Tuesday, April 28, 2020



HalfMoon Education Inc.
PO Box 278
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Learning Objectives

You'll be able to:

Reference and comply with federal and Kentucky stormwater laws, regulations and permit requirements.

Identify common stormwater pollutants and determine total maximum daily loads that can be received by a water body under water quality standards.

Assist in the preparation of stormwater pollution prevention plans that describe facilities and document compliance with stormwater control measures.

Implement best practices to achieve “no exposure,” including stormwater reduction and reuse, as well as structural BMPs for stormwater treatment.

Set up stormwater monitoring procedures, collect samples and submit annual reports.



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Complying with Kentucky Industrial Stormwater Requirements

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Learn about the Kentucky Industrial Stormwater General Permit

Examine stormwater pollutants and the development of total maximum daily loads (TMDLs)

Learn about creating stormwater pollution prevention plans (SWPPPs)

Examine Best Management Practices (BMPs)

Review monitoring procedures and submitting annual reports

Continuing Education Credits

Professional Engineers

6.0 PDHs

Architects

6.0 Contact Hours (HSW)

6.0 AIA LU|HSW

Landscape Architects

6.0 Contact Hours (HSW)

6.0 LA/CES HSW PDHs

Floodplain Managers

6.0 CECS

Contractors

Non-Credit CE Hours



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Continuing
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Faculty

Gary LaForge *President at LaForge & Associates, LLC*

Mr. LaForge primarily focuses on the areas of municipal services; road construction; stormwater management; flood control; hydraulics and hydrology; domestic water supply, distribution and treatment; and wastewater collection and treatment. His extensive experience includes all aspects of the above design areas, from collection of the initial raindrop through domestic use and wastewater treatment to recycling and reuse. Mr. LaForge has an extensive training background in all areas of capital improvement programs, municipal implementation programs, inspection techniques and stormwater management. His experience includes the use of geographical information systems (GIS) and modeling software to simulate the collection or distribution system of interest, and the experience to understand why the model does not match the actual system measurements. Mr. LaForge is registered as a professional engineer in Illinois and is a member of the American Public Works Association. He earned his B.S. degree in Agricultural Engineering from the University of Illinois at Urbana-Champaign.

Seminar Information

Hilton Garden Inn Airport 2735 Crittenden Drive Louisville, KY 40209 (502) 637-2424	Registration 8:00 - 8:30 am Morning Session 8:30 - 11:45 am	Lunch (On your own) 11:45 am - 1:00 pm Afternoon Session 1:00 - 4:15 pm
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Tuition
\$299 for individual registration
\$279 for three or more simultaneous registrations.

Included with your registration:
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 self-study package. You may also send another person to take your place.

Can't Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!

Audio recordings of this seminar are available for purchase starting at \$279. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Additional Learning

Webinar Series

Construction Cost Estimating

- **Introduction to Cost Estimating**
Thurs., March 19, 2020, 11:00 AM - 12:30 PM CDT
- **Assessing the Impact of Sea Level Rise, Changing Temperature and Changing Weather Patterns**
Thurs., March 19, 2020, 1:00 - 3:00 PM CDT
- **Cost Estimate Organization and Examples**
Fri., March 20, 2020, 11:00 AM - 1:00 PM CDT
- **Adapting Sites, Outdoor Spaces, New Construction and Existing Buildings to Withstand Extreme Weather Events**
Fri., March 20, 2020, 1:30 - 3:00 PM CDT

Introduction to HEC-HMS

- **Introduction to Cost Estimating**
Thurs., March 26, 2020, 11:00 AM - 12:30 PM CDT
- **HEC-HMS Application User Interface**
Thurs., March 26, 2020, 1:00 - 3:00 PM CDT
- **Model Output and Troubleshooting**
Fri., March 27, 2020, 11:00 AM - 12:30 PM CDT
- **Large Watershed Model and Other Applications**
Fri., March 27, 2020, 1:00 - 3:00 PM CDT

For more information and other online learning opportunities visit:
www.halfmoonseminars.org/webinars/

Continuing Education Credit Information

This seminar is open to the public and offers 6.0 PDHs to professional engineers and 6.0 HSW contact/continuing education hours to architects and landscape architects in Kentucky. Educators and courses are not subject to preapproval in Kentucky.

This event is approved by the American Institute of Architects Continuing Education System for 6.0 LU|HSW (Sponsor No. J885) and the Landscape Architecture Continuing Education System for 6.0 HSW PDHs. Visit www.halfmoonseminars.org for complete AIA/CES information under this course listing. Courses approved by the LA/CES are deemed approved for Kentucky landscape architects. Only full attendance is reportable to the AIA/CES and LA/CES.

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

The Association of Floodplain Managers has approved this course for 6.0 CECs.

This seminar offers a non-credit continuing education opportunity to construction contractors. It is not approved by any state licensing entity for contractor continuing education credit.

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.

Registration

Complying with Kentucky Industrial Stormwater Requirements
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How to Register

Online:
www.halfmoonseminars.org

Phone:
715-835-5900

Fax: 715-835-6066	Code:
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Mail:
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PO Box 278, Altoona, WI
54720-0278

Complete the entire form. Attach duplicates if necessary.

Registrant Information

Name: _____

Company/Firm: _____

Address: _____

City: _____ State: _____ Zip: _____

Occupation: _____

Email: _____

Phone: _____

Additional Registrants:

Name: _____

Occupation: _____

Email: _____

Phone: _____

Name: _____

Occupation: _____

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 - **\$299.00**. Three or more registrants from the same company registering at the same time - **\$279.00** each.

() **I am not attending.** Please send me the self-study package:

☐ Downloadable MP3 Audio/PDF Manual for **\$279.00**.

☐ CD/Manual Package for **\$299.00**. ☐ USB/Manual Package **\$299.00**.
(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: _____

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