

Agenda

Presented by Erik White P.E.

Agenda Day One

Understanding the Federal Industrial Stormwater Program

- Laws and regulations
- 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
- Project profiles

Agenda Day Two

Creating Stormwater Pollution Prevention Plans (SWPPPs)

- 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), Sampling and Reporting

- BMPs to achieve “no exposure”
- Stormwater reduction
- Reuse of stormwater
- Stormwater control/management
- Structural BMPs for treating stormwater
- Contingency planning for extreme weather
- Setting up monitoring procedures
- Collecting and evaluating samples
- Submitting annual reports
- Modifying BMPs

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Complying with Industrial Stormwater Requirements

Online - Tue., August 30 and Wed., August 31, 2022

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Learning Objectives

You’ll be able to:

Understand federal industrial stormwater management requirements.

Comply with the industrial stormwater permitting process.

Examine common stormwater pollutants including total suspended solids, oxygen-demanding substances, excess nutrients and metals.

Explore the required elements of stormwater pollution prevention plans (SWPPP).

Discuss SWPPP modification and reporting requirements.

Implement best management practice to achieve “no exposure.”



HalfMoon Education Live Webinars

Complying with Industrial Stormwater Requirements

Live, Interactive Webinar

Tuesday, August 30 and Wednesday, August 31, 2022



Understand the Federal Industrial Stormwater Program

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

Analyze total suspended solids and oxygen-demanding substances in industrial stormwater

Learn about creating Stormwater Pollution Prevention Plans (SWPPPs)

Explore stormwater reduction and resue

Discuss contingency planning for extreme weather and learn how to set up monitoring procedures

Continuing Education Credits

Professional Engineers

6.0 PDHs

Architects

6.0 HSW CE Hours
6.0 AIA LU | HSW

Landscape Architects

6.0 HSW CE Hours
6.0 LA CES HSW PDHs

International Code Council

.6 CEUs (Sitework)

Floodplain Managers

6.0 ASFPM CECs

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Faculty



Erik White P.E. *President, UEG Consulting, LLC*
Mr. White has over 25 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 earned a B.S. degree in Civil Engineering from the University of Massachusetts in Amherst and an M.S. degree in Environmental Engineering from the University of Michigan.

Added Value:
Enhance your learning - a recording of this webinar will be available for attendees to stream online for two weeks after the program date.
(Must attend live webinar to earn live webinar credits)

Webinar Information

Day One: Tuesday, August 30, 2022
9:00 am - 12:15 pm CDT (including a 15-min. break)

Day Two: Wednesday, August 31, 2022
9:00 am - 12:15 pm CDT (including a 15-min. break)
(please log into the webinar 15 - 30 minutes before start time)

Tuition
\$319 for individual registration
\$289 for two or more registrants from the same company at the same time.
Included with your registration: *PDF seminar manual.*

How to Register
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Cancellations: Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

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Additional Learning

Ethical Issues of the Land Surveying Profession
- Thurs, Aug 4, 2022 | 3:00 - 5:00 pm CDT

Practical Engineering Economics
- Thurs, Aug 4, 2022 | 8:30 am - 4:20 pm CDT

Floodplain Mapping, Insurance and Regulation
- Wed, Aug 10, 2022 | 10:00 am - 1:15 pm
- Thurs, Aug 11, 2022 | 10:00 am - 1:15 pm

Surveyors Rights and Liabilities to Enter Private Property for Performance of Survey
- Thurs, Aug 11, 2022 | 3:00 - 5:00 pm CDT

Landscaping for Pollinators
- Fri, Aug 12, 2022 | 10:00 am - 12:00 pm CDT

Roadway Maintenance, Rehabilitation, and Repair
- Fri, Aug 12, 2022 | 9:00 am - 4:00 pm CDT

Continuing Education Credit Information
This webinar is open to the public and is intended to offer 6.0 PDHs to professional engineers, 6.0 HSW continuing education hours to licensed architects, and 6.0 HSW continuing education hours to landscape architects in all states that allow this learning method. Please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 6.0 LU | HSW (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

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The International Code Council has approved this event for .6 CEUs in the specialty area of Sitework (Preferred Provider No. 1232).

This webinar has been approved by the Association of State Floodplain Managers for 6.0 CECs for floodplain managers.

Completion certificates will be awarded to participants who complete this event and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Parking Structure Design, Construction and Maintenance
- Tues, Aug 16, 2022 | 8:30 am - 4:30 pm CDT

Controlling Coastal Erosion and Creating Living Shorelines
- Wed, Aug 17, 2022 | 7:45 - 11:00 am CDT
- Thurs, Aug 18, 2022 | 7:45 - 11:00 am CDT

Deep Dive into Water Infiltration in Soil
- Thurs, Aug 18, 2022 | 11:00 am - 1:00 pm CDT

Pumping and Piping Systems
- Thurs, Aug 18, 2022 | 11:00 - 2:15 pm CDT
- Fri, Aug 19, 2022 | 11:00 - 2:15 pm CDT

Using AIA Document A201: General Conditions
- Wed, Aug 24, 2022 | 8:30 am - 4:00 pm CDT

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

Registration

Complying with Industrial Stormwater Requirements
Live, Interactive Webinar - Tuesday, August 30 and Wednesday, August 31, 2022

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