

Agenda

Presented by Brandon Walsh

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 Tennessee Department of Environment and Conservation regulations
 - Notice of intent requirements
 - What the permit covers and does not cover
 - Application process
 - General requirements and standard conditions
 - Implementing, monitoring and assessing SWPPPs

Understanding and Applying the Science of Stormwater

- Hydrology, soil science and drainage
- Identifying consequences of storm events
- Stormwater modeling
- Runoff reduction, routing and storage
- Infiltration and percolation

Choosing Appropriate Storm Water Best Management Practices (BMPs)

- Stormwater management planning
- Sizing criteria
- 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
 - Disconnected runoff
 - Rain gardens
 - Stormwater planters
 - Pervious pavement
 - Detention/retention ponds
 - Vegetated swales
 - Stream daylighting
 - Green roofs
 - Rain barrels/cisterns

Developing Stormwater Pollution Prevention Plans (SWPPP)

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

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

Tennessee Stormwater Management 2021

Live, Interactive Webinar - Friday, July 30, 2021

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Learning Objectives

You'll be able to:

Understand the background and development of national and state regulations.

Explore hydrology, soil science and drainage.

Learn about green infrastructure practices and techniques.

Implement stormwater pollution prevention plans.

Understand the science and terminology of stormwater management and monitoring.



HalfMoon Education Online Learning Tennessee Stormwater Management 2021

Live, Interactive Webinar - Friday, July 30, 2021



Understand stormwater permit requirements and procedures

Apply the science of stormwater

Choose appropriate stormwater best management practices

Develop stormwater pollution prevention plans

Develop plans for inspection, monitoring, maintenance and recordkeeping

Continuing Education Credits

Professional Engineers

7.0 PDHs

Architects

7.0 HSW CE Hours

AIA

7.0 LU | HSW

Landscape Architects

7.0 HSW CE Hours

LA CES

7.0 HSW PDHs

Floodplain Managers

7.0 ASFPM CECs

International Code Council

.7 CEUs (Sitework)



Faculty

Brandon Walsh *Environmental Compliance Manager, The Greater Nashville Area*
Mr. Walsh is a certified professional in stormwater quality and a certified professional in industrial stormwater management. He graduated Middle Tennessee State University in 2004 with a bachelor of science degree in Environmental Science and Technology with dual concentrations in Site Analysis and Water Resource Management. This included an educational background of primarily biology and chemistry with geology, soil science, mathematics, and other related subjects. Mr. Walsh worked as an environmental consultant in the scrap metal and auto recycling industry for nine years. He is currently an environmental compliance manager in the auto recycling industry. In the last 13 years he has worked on hundreds of stormwater permitting projects, including BMP design and maintenance, records keeping, sampling, and regulation compliance.

Webinar Information

Log into Webinar 8:00 - 8:30 am CDT	Break 11:45 am - 12:45 pm CDT
Morning Session 8:30 - 11:45 am CDT	Afternoon Session 12:45 - 5:00 pm CDT

Tuition
\$289 for individual registration
\$199 for three or more registrants from the same company at the same time.
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Additional Learning

Sustainable Site Design - Wed, June 30, 2021 8:30 am - 3:50 pm CDT	Stream Restoration in the Eastern U.S. - Tues, July 20, 2021 7:30 am - 4:00 pm CDT
Shallow Foundation Design, Construction and Repair - Tues, July 6, 2021 8:30 am - 5:00 pm CDT	Deep Excavations - Wed, July 21, 2021 8:30 am - 4:30 pm CDT
Erosion and Sediment Control - Tues, July 13, 2021 8:30 am - 5:00 pm CDT	Technical Writing Workshop for Design Professionals - Fri, July 23, 2021 8:30 am - 5:00 pm CDT
Retaining Wall Design and Slope Stabilization Techniques - Tues, July 13, 2021 11:00 am - 2:15 pm CDT - Wed, July 14, 2021 11:00 am - 2:15 pm CDT	Understanding and Working with Urban Soils - Fri, July 23, 2021 8:30 - 10:30 am CDT
Street Maintenance and Traffic Operations - Thurs, July 15, 2021 11:00 am - 2:30 pm CDT - Fri, July 16, 2021 11:00 am - 2:30 pm CDT	Site Design - Mon, July 26, 2021 8:30 am - 5:00 pm CDT
Engineered Lumber Design and Construction - Fri, July 16, 2021 9:00 am - 4:00 pm CDT	The Arborist Short Course: Advanced Tree Knowledge for Better Tree Care - Fri, July 30, 2021 9:00 am - 4:30 pm CDT
For more information and other online learning opportunities visit: www.halfmoonseminars.org	

Continuing Education Credit Information
This webinar offers 7.0 PDHs to professional engineers and 7.0 HSW continuing education hours to architects licensed in all states.

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This course has been approved by the American Institute of Architects Continuing Education System for 7.0 LU | HSW (Sponsor No. J885) and the Landscape Architecture Continuing Education System for 7.0 HSW PDHs. Only full participation is reportable to the AIA/CES and LA CES.

The Association of State Floodplain Managers has approved this event for 7.0 CECs for certified floodplain managers.

The International Code Council has approved this event for .7 CEUs in the specialty area of Sitework (Preferred Provider No. 1232).

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

Registration

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Tuition

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