Erosion and Sediment Control

Chapel Hill, NC - Wednesday, January 17, 2018

Understand North Carolina erosion and sediment control requirements and practices.

Explore practices that minimize site disturbance and preserve vegetation.

Review erosion control practices, including temporary and permanent seeding, sodding and mulching.

Examine sediment control practices, including sediment basins and sediment traps.

Discuss transitioning from construction to post-construction practices.

Learning Objectives

You’ll be able to:

Understand North Carolina erosion and sediment control requirements and practices.

Explore practices that minimize site disturbance and preserve vegetation.

Review erosion control practices, including temporary and permanent seeding, sodding and mulching.

Examine sediment control practices, including sediment basins and sediment traps.

Discuss transitioning from construction to post-construction practices.

Agenda

Presented by Beth McLaughlin

Erosion and Sediment Control Requirements
State erosion and sediment control regulations
Construction Stormwater General Permit
MS4 Phase I and II Permits
Permitting, approval and compliance

Goals for and Selection of Erosion and Sediment Control Practices
Erosion control versus sediment control
Causes of erosion and sedimentation
Practices that minimize site disturbance
Preservation of vegetation
Selecting appropriate practices for disturbed areas on the construction site
Phasing
Construction schedules

Erosion Control Practices
Vegetation
Temporary and permanent seeding, sodding and mulching
Blankets, hydraulically applied materials
Check dams
Rock
Plastic sheeting

Sediment Control Practices
Sediment basins
Sediment traps
Silt fences
Wattles
Inlet protection
Construction exit

Pollution Prevention
Debris management
Concrete washout
Fuels, oils solvents
Reflecting on plans

Comprehensive Construction Plans
Erosion control, sediment control, pollution prevention, stormwater quality

Transitioning from Construction to Post Construction
Meeting design requirements
Protecting water quality BMPs

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Transitioning from Construction to Post Construction
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Protecting water quality BMPs
Beth McLaughlin
McLaughlin Consulting in Garner, NC
Ms. McLaughlin is a consultant with more than 25 years of experience in the stormwater industry having served in numerous roles. Her experience includes extensive construction site erosion and sediment control regulation with the state of North Carolina, stormwater program development for numerous municipal clients, and development of technical guidance manuals for erosion and sediment control as well as for stormwater quality, and site inspections for linear construction. She is a past board member of the International Erosion Control Association and a current board member with the North Carolina Chapter of the American Public Works Association Stormwater Division. Ms. McLaughlin received her bachelor’s degree in Agricultural Engineering from North Carolina State University.

Additional Learning

Webinar Series
- Cogeneration System Principles and Practice
  • Understanding the Benefits of Cogeneration
    Thurs., Nov. 16, 2017, 11:00 AM - 12:30 PM CST
  • Laws, Regulations and Building Codes Impacting Cogeneration
    Thurs., Nov. 16, 2017, 1:00 - 2:30 PM CST
  • Examining Cogeneration Technologies
    Fri., Nov. 17, 2017, 11:00 AM - 12:30 PM CST
  • Moving to Cogeneration: Analysis, Modeling and Case Studies
    Fri., Nov. 17, 2017, 1:00 - 2:30 PM CST
- Flood-Resistant Buildings
  • Floodplain Development under NFIP Standards
    Wed., Nov. 29, 2017, 11:00 AM - 12:30 PM CST
  • Building Design under NFIP Standards
    Wed., Nov. 29, 2017, 12:30 - 2:00 PM CST
  • Designing and Constructing Flood-Resistant Buildings
    Fri., Nov. 30, 2017, 11:00 AM - 12:00 PM CST
  • Designing and Constructing Foundations and Above-Grade Flood Resistance
    Fri., Dec. 8, 2017, 11:00 AM - 12:00 PM CST
- Solar Photovoltaic Project Design and Development
  • Solar Photovoltaic Project Design and Development, Part I
    Thurs., Nov. 30, 2017, 11:00 AM - 3:15 PM CST
  • Solar Photovoltaic Project Design and Development, Part II
    Fri., Dec. 1, 2017, 11:00 AM - 2:15 PM CST

Construction Cost Estimating
- Introduction to Cost Estimating
  Thurs., Dec. 7, 2017, 11:00 AM - 12:30 PM CST
- Cost Components - A Closer Look at the Estimates
  Thurs., Dec. 7, 2017, 1:00 - 3:00 PM CST
- Cost Estimate Organization
  Fri., Dec. 8, 2017, 11:00 AM - 1:00 PM CST
- Cost Estimating Topics
  Fri., Dec. 8, 2017, 1:30 - 3:00 PM CST

Webinar Series
- Examining Cogeneration Technologies

Continuing Education Credit Information
This seminar is open to the public and offers 6.5 HSW contact hours to architects and 6.5 PDHs to professional engineers in all states, excluding Florida architects. HalfMoon Education is an approved continuing education provider for North Carolina engineers. This seminar is approved by the American Institute of Architects for 6.5 HSW Learning Units (Sponsor No. 11885). Activities approved by the AIA qualify for North Carolina architects. Only full attendance can be reported to the AIA/CES.

HalfMoon Education is deemed an approved architect and landscape architect continuing education provider for architects and landscape architects in all states, excluding California. HalfMoon Education has registered this seminar for 6.5 HSW PDHs for Florida, Indiana, Louisiana, Maryland, New York, New Jersey, North Carolina, and North Dakota.

The North Carolina Board of Landscape Architects has approved this event for 6.5 continuing education hours, and the Landscape Architecture Continuing Education System has approved it for 6.5 HSW PDHs.

The Association of State Floodplain Managers has approved this seminar for 6.5 CECs for certified Floodplain managers.

This event offers a non-credit continuing education opportunity to construction contractors.

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
Erosion and Sediment Control
Chapel Hill, NC - Wednesday, January 17, 2018

How to Register
Online: www.halfmoonseminars.org
Phone: 715-835-5900
Fax: 715-835-6066

Name:__________________________________________
Company/Firm: ______________________________________
Address:_________________________________________
City:_____________________ State:____________ Zip:_____
Email:___________________________________________
Occupation: _______________________________________
Phone:___________________________________________
Additional Registrants:
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For more information visit: www.halfmoonseminars.org/webinars/

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