

CONSTRUCTION SITE STORMWATER SERIES

**EROSION CONTROL AND STORMWATER
MANAGEMENT**

FOR CONSTRUCTION SITE SUPERVISORS

AND

**INSPECTING CONSTRUCTION SITES FOR
STORMWATER COMPLIANCE**

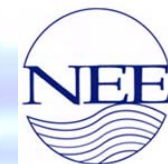
2 Distinct One-Day Workshops

June 23 - Erosion Control and Stormwater Management for Construction Site Supervisors

June 24 – Inspecting Construction Sites for Stormwater Compliance

Location: Kingston Town House – 2nd Floor Room #200
26 Evergreen Street, Kingston, MA 02364

PRESENTED BY



New England Environmental, Inc.
Amherst MA and Concord, NH



New England Environmental, Inc.
10 Ferry St., Suite 310
Concord, NH 03301

Mailing Label

COURSE NARRATIVE:

Erosion Control and Stormwater Management for Construction Site Supervisors

June 23, 2010

This workshop will focus on the specific needs of the contractor to manage their site and stay in compliance with storm water regulations. We will evaluate site conditions in comparison to Storm Water Pollution Prevention Plans (SWPPP) and discuss how a contractor stays in compliance and modifies a SWPPP to meet the changing site conditions that are encountered during construction. This workshop will review the regulations that provide guidance to the contractor and what responsibilities they have for controlling a site. We will also focus on various BMPs and help evaluate the cost benefit of using appropriate Best Management Practices (BMPs) at the appropriate time. We will review the contractor’s role and responsibility in implementation, management and maintenance of BMPs. The course will include a tour of common BMPs where we will discuss the advantages and limitations of each. We will also introduce some innovative techniques that may help your site meet water quality goals.

Who should attend? Construction Site Supervisors, Contractors, Site Managers and anyone who has day to day control over the operation of a site.

Inspecting Construction Sites for Stormwater Compliance – June 24, 2010

This course will provide training on evaluating the effectiveness of stormwater control measures on your construction site. After reviewing the State and Federal regulations that pertain to your site, we will review the principles of erosion and sediment control and how activity on your site can impact it both positively and negatively. Discussion will then focus on phasing a project to ensure the site is in compliance. This will include discussions on how to develop a phasing plan and the site specific process that needs to occur on all sites to remain in compliance with regulations. We will look at what goes into the design of a proper Storm Water Pollution Prevention Plan (SWPPP) and what you need to do to maintain that plan. The course will focus on proper techniques for inspecting a construction site to ensure compliance with Stormwater regulations. We will discuss the proper methods for both sampling collection and on-site testing.

We will explore some of the more common as well as new and innovative Best Management Practices (BMPs). These will be broken down into categories to help understand their function and goal. We will conclude the presentation with an inside erosion control inspection that will combine plans photos and other materials to help you decide if the BMP is effective and working correctly. We will look at how changing regulations such as Effluent Limit Guidelines will affect your inspection practices and provide training on how to properly set up and sample for water quality on a site.

Who should attend? CPESCs, CESSWIs, Professional Engineers, Wetland Scientists, Soil Scientist, Municipal Inspectors and Compliance people (such as local code enforcement, department of public works, ect)

Course Outline

| <u>Inspector Outline</u> | <u>Contractor Outline</u> |
|--|---|
| Introduction | Introduction |
| Introduction to Erosion Process | Introduction to Erosion Process and Stormwater Issues |
| Rules and Regulations | Rules and Regulations |
| Coastal Issues | Coastal Issues |
| Storm Water Pollution Prevention Plans | Understanding SWPPP Requirements |
| Inspections | Managing Stormwater and Erosion Risk |
| Documentation and Sampling | Best Management Practices - Erosion Control |
| Best Management Practices - Erosion Control | Best Management Practices - Runoff Control |
| Best Management Practices - Runoff Control | Best Management Practice - Sediment Control |
| Best Management Practice - Sediment Control | Best Management Practices - Permanent Measures |
| Best Management Practices - Permanent Measures and Good Housekeeping | Best Management Practices - Good Housekeeping |

LEAD INSTRUCTOR:

Randall Shuey, CPESC, CESSWI, CSS has been working on various stormwater projects for over 20 years. He has provided training at conferences and workshops throughout New England and is an approved trainer for EnviroCert International’s CPESC and CESSWI review courses as well as being on the International erosion control Association training faculty.

DIRECTIONS

From the North

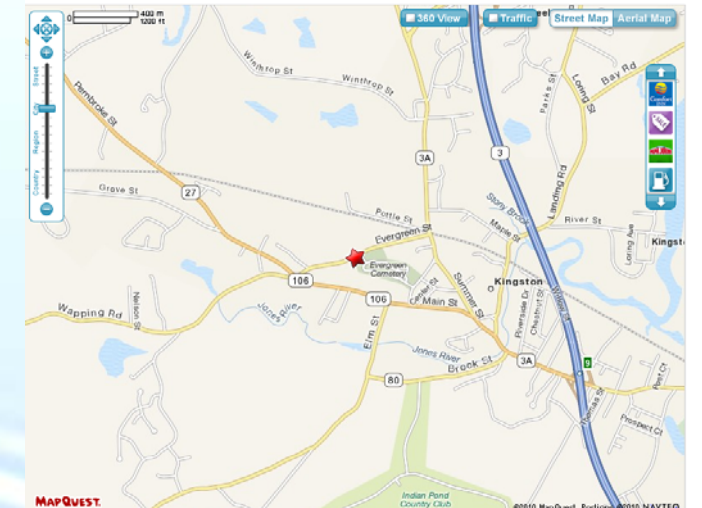
- Take Route 3 South to Exit 10. Turn right onto Route 3A South.
- At the traffic light, turn left, following Route 3A South through one traffic light at the top of the hill, and then through the center of Kingston, approximately 1 mile.
- After second traffic light at the railroad tracks, take the first right, Evergreen Street.
- Kingston Municipal Complex, where the Town House is located, is about a quarter of mile on the right. Park in rear

From the South

- Take Route 3 North to Exit 9. Turn right onto Route 3A North.
- Follow 3A north through three sets of lights.
- Just before fourth light and railroad tracks, turn left onto Evergreen Street.
- Kingston Municipal Complex, where the Town House is located, is about a quarter of mile on the right. Park in rear

From the West

- Route 27 merges with Route 106 at an intersection containing a Cumberland Farm store and traffic light.
- From Route 106, go straight across the intersection onto Evergreen Street.
- From Route 27, turn left at the intersection onto Evergreen Street.
- Kingston Municipal Complex, where the Town House is located, is about a quarter of mile on the right. Park in rear



REGISTRATION

NAME _____

COMPANY _____

MAILING ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE _____ EMAIL _____

The cost of the course is \$125.00 (\$100.00 for municipal and non-profits) and includes all materials, lunch and breaks.

Checks should be made out to _____ and mailed to:

New England Environmental, Inc.
10 Ferry St., Suite 310
Concord, NH 03301

Inquiries and questions can be addressed to:

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rshuey@neeinc.com