



Training Announcement:

Certified Inspector of Sediment & Erosion Control

1 1/2 Days of Training:

Wednesday, April 7, 2010 (8:30 AM - 4:30 PM ET)

Thursday, April 8, 2010 (8:30 - 11:00 AM ET)

Fetzer Center • Western Michigan University • 2350 Business Court • Kalamazoo, MI 49008-5239

Consider this case:

In 1998, a major storm event caused a hillside to erode at a golf course construction site in Manistee, MI, resulting in approximately 7,000 tons of sediment-laden stormwater washing into Lake Michigan. The State of Michigan fined the contractor \$125,000 in penalties for violations against the project's NPDES permits.

Could this have been prevented?

Yes! According to the State of Michigan, these discharges could have been minimized if the contractor had complied with their NPDES permit by having the site engineered and managed under the supervision of a certified stormwater operator. A qualified sediment & erosion control inspector could have identified problem areas, specified improvements, and helped to reduce the risk of sediment discharges into Lake Michigan as well as the risk of liability for the construction professionals and project owners involved.

Did You Know?

As the US Environmental Protection Agency (EPA) begins to increase its enforcement of compliance for National Pollutant Discharge Elimination System (NPDES) permits, liability for engineers, planners, designers, and inspectors on construction sites is increasing. In Michigan, the Department of Environmental Quality (DEQ) is empowered by the EPA to manage the State's NPDES program.

If you are involved in planning, designing, inspecting, or are in any way required to maintain NPDES compliance on a construction job site, you need to attend this training. Why? To help REDUCE your liability by ensuring you fully understand the NPDES inspection process and compliance requirements.

Training Overview:

The Certified Inspector of Sediment and Erosion Control (CISEC) program is a nationally-recognized inspector training and certification program for construction professionals, inspectors, regulatory agencies, and anyone responsible for NPDES compliance on a construction job site as required in Michigan by the DEQ and nationally by the EPA. The 1 1/2 day (9-hour) training session is designed to exceed NPDES training requirements for inspectors. CISEC training can help you to reduce your liability associated with sediment discharge from a construction site.

The training provides participants with an up-to-date overview of EPA and DEQ requirements for inspections and NPDES compliance, a comprehensive description of the scope of knowledge needed for successful inspection, and provides participants with practice in inspection through case studies and real-world scenarios.

As part of the training, you may be able to qualify to take the certification exam in the afternoon of Day 2. Visit www.cisecinc.org for details.

Registration

CISEC training costs are \$455, and include approximately 9 hours of training, all materials, lunch, and break refreshments. To register for CISEC training, call the Michigan Local Technical Assistance Program (LTAP) office at 906-487-2102. You may register for training only; training participants are not required to take the exam. Registration fee is due by March 31, 2010. Cancellations must be received by March 31, 2010 for a full refund. Substitutions will be accepted.

(NOTE: You must register separately to take the the CISEC certification exam. Visit www.cisecinc.org to find out if you are eligible to sit for the examination and to obtain the application forms. The deadline to apply for the CISEC certification exam is March 8, 2010.)

Certified Inspector of Sediment & Erosion Control (CISEC)

Detailed Schedule: Fetzer Center—WMU, Kalamazoo, MI ~ February 2-3, 2010

Day 1: April 7, 2010 • 8:30 AM - 4:30 PM (ET)

Module 1: “The Rules: Understanding the Inspector’s Role with Sediment & Erosion Control Permits”

- Understanding the Clean Water Act & NPDES General Permit
- Evaluating the Construction General Permit
- Understanding a Stormwater Pollution Prevention Plan (SWPPP)
- Understanding Sediment & Erosion Control (S&EC) Drawings

Module 2: “Critical Technical Skills & Background Knowledge of an Inspector”

- Understanding Erosion, Sediment & Sedimentation—Technical Definitions
- Why Hydrology is Important:
 - Hydrographs & Sedimentation
 - Watersheds & Discharge Points
- Using Effective Best Management Practices (BMPs) for Sediment & Erosion Control on Construction Sites
- Inspector Background Knowledge Requirements:
 - SWPPPs & S&EC Drawings
 - Critical Communication Skills: Writing Reports as if They’ll Be Used in Court
 - Limitations of Inspectors
- Ethics of an Inspector

Module 3: “Inspecting BMPs”

- Understanding the Phases of Construction
- What to do When Inspecting:
 - Barriers
 - Check structures
 - Drains & inlets
 - Sediment Containment Systems (SDS)
 - Hazardous waste materials sites
 - Erosion control practices
 - Other temporary sediment control measures
- Writing & Assessing Inspection Reports

Day 2: April 8, 2010 • 8:30 - 11:00 AM (ET)

Module 4: “Conducting Construction Site Inspections”

- Inspection Requirements: Roles of Designers, Inspectors, and Contractors
- Inspector Responsibilities During Construction Activities:
 - Inspection Reports
 - Reporting on BMP Maintenance
 - Documentation
 - Communication
 - Working with Contractors
- Inspecting Construction Sites for a Client

Certification Examination • 1:00 - 4:30 PM (ET)

You may be able to qualify to take the CISEC certification exam. During the 3.5-hour examination, applicants who qualify to sit for the exam will demonstrate their knowledge and skills of S&EC inspection practices. To find out if you are qualified to sit for the exam and for exam registration information, visit www.cisecinc.org.

Lunch & break refreshments will be provided on both days to all training registrants. To register for CISEC training, call Michigan’s Local Technical Assistance Program (LTAP) at 906-487-2102. For further information, visit www.michiganltap.org/cisec or call Michigan LTAP.

Michigan CISEC Training Offered in Partnership By:



Michigan’s
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