

E&SC/Stormwater Certification 2007 - 2008



Certification Levels - Who is included?

Impacts: Contractors, Subs, CEIs, DOT, and Consultants

- Level I: Installer/Inspector
- Level II: Site Management
- Level III-A: Design of E&SC/Stormwater (SW) plans
- Level III-B: Design of E&SC/SW for Reclamation Plans



Recertification



- Required every 3 years
- Begin 2008, certification expires on Dec. 31, 3 years from date of course
- Certifications prior to 2008 expire 3 years from date of original course

Level I: Inspector/Installer

- **DOT/CEI personnel who inspect:**

- Installation of E&SC/SW devices
- Establishment of vegetation

- **Contractors/Crew foreman responsible for:**

- Installation of E&SC/SW devices
- Establishment of vegetation



Level I Certification Training

- Began in March 2006
- To date, 836 certified in Level I Installers/Inspectors
- Recertification required every 3 years



Level II Site Manager

•DOT/CEI personnel serving as:

- Lead inspector
- Project supervisor/manager

•Contractor personnel responsible for:

- Grading operations
- Bridge and culvert activities
- Utility operations



Level II Site Manager Roles

- **Manage Operations**

- Coordinate/Schedule sub's and insure implementation and documentation of E&SC/SW plan
- Updating E&SC/SW plans regularly
- Weekly E&SC/SW punchlists submitted to Engineer

- **Meet NPDES Requirements**

- Rain gauge data per NPDES permit
- Turbidity logs on de-watered sites
- Train employees on E&SC/SW awareness/NPDES



Level II Site Manager Roles (Con't)

- **Quality Control Program**
 - Control erosion; prevent sediment loss
 - Comply with permit provisions
 - Ensure all operators/Subs have proper certification
 - Level II Mgr. can substitute for Level I Installer, but must remain with the work crew
 - Conduct inspections required by NPDES
 - Take corrective actions in a timely manner to prevent sediment loss and permit violations



Level II Certification Training

- Began in Feb. 2005
- To Date, 1878 Certified Level II Site Managers
- Recertification Req'd Beginning Feb. 2008



Level III-A and -B: E&SC/Stormwater BMP Designers

- **DOT engineers & technicians responsible for:**
 - E&SC/SW plan design (III-A)
 - Reclamation plans (III-B)
- **Contractor/CEI engineers & technicians responsible for:**
 - E&SC/SW plan design (III-A)
 - Reclamation plans (III-B)



Level III-A and -B Certification Training

- Began in Jan (III-A)
and Feb (III-B) 2007
- 325 Level III-A
Designers Certified
- 288 Level III-B
Designers Certified
- Recertification to
Begin Jan 2010



Observations - Some Common Themes

- Most prime Contractors have key personnel certified in Levels I, II, III-A, or III-B
- Some sites have had Subs who were not certified
- Requirements not fully embraced by Level II Managers
 - no weekly EC punchlist
 - no NPDES log
 - no certified Subcontractors
 - etc...



Training/Recertification Opportunities

<http://www.bae.ncsu.edu/workshops/dot>



Questions?

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