North Dakota DOT Construction Storm Water Training 2013
NPDES Permit Compliance
Construction and Contractor Requirements

Course description
This is a one day course offered by the North Dakota DOT, Dept of Health and the AGC. The course is offered in response to meeting permit requirements on projects and meeting new training requirements to be enacted on construction projects in North Dakota.

The course is designed for those who perform site management and inspection duties, those who supervise or direct construction operations, oversee the installation of best management practices, and/or inspect sites for compliance relating to erosion/sediment control and storm water management.

This course will cover permit requirements, roles and responsibilities, how to design and implement a Stormwater Pollution Prevention Plan (SWPPP) using the EPA SWPPP Guidance Document. Other topics include review of example SWPPPs, grading practices to reduce erosion and off site sedimentation, sequencing the work and timing of installations.

Also covered will be NPDES/NDPDES site inspections, and filling out the required documentation.

Who should attend?
Contractor and subcontractor personnel acting as project supervisors and foremen, project managers, and job site inspectors on involving grading, earthwork, bridge construction, and/or underground utility work requiring NPDES/NDPDES construction storm water permits.

Project personnel assigned to conduct weekly site inspections, update the SWPPP and fill out the NPDES/NDPDES inspection log should also attend.
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AGENDA

8:00-8:15  Welcome, Purpose of Class
Following EPA Guide on Developing a SWPPP (FG)

8:15-9:00  North Dakota Construction Storm water Permit
Requirements, SWPPP content in permit, SWPPP elements (FG pgs 4-8)

9:00-9:30  Why we are here? (FG pgs 1-3)
Storm water runoff impacts; Issues on Construction sites.

9:30-10:00 North Dakota DOT expectations
SWPPP roles and Responsibilities (FG pgs 8-9)
SWPPP objectives

9:30-9:45  Break

10:15-10:35 Site Assessment/ Site Plan
Site plan elements  (FG pgs 10-16)

10:35-11:30 Options for erosion and sediment control (FG pgs 17-23)
Sediment control verses erosion control
Inlets, perimeter control
Mulch, blankets, Hydro-mulch, tackifiers

11:30-12:00 Operational and Housekeeping Issues (FG pgs 24-27)
Dust, stockpiles, waste, Fueling, Dewatering, Exits

12:00-1:00  Lunch

1:00-1:30 Review of Prepared /Example SWPPPs (facilitated session)
Audience facilitated session
Groups review and critique SWPPPs
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1:30-2:00  Preparing the SWPPP Narrative (facilitated session)
           Audience prepares wordage for narrative SWPPP section

2:00-2:30  Implementation- Phasing Construction activities (FG pgs 33-36)
           Example projects; Example techniques

2:30-2:45  Break

2:45-3:15  Contractor Work site plans (facilitated session)
           Class Examples
           Audience prepares site work plans

3:15-3:45  Implementation-Compliance as we build (FG pgs 33-36)
           Stabilization as we build, Maintenance
           Modify the SWPPP

3:45-4:10  Inspections/records (FG pgs 28-30)

4:10-4:15  Wrap-up and Course Evaluations