2015 – 2016
Erosion and Stormwater Management Certification Program

Class Schedule and Registration

Meets Minnesota Construction Stormwater Permit Training Requirements

Minnesota Pollution Control Agency
To register: review the schedule of courses on the next page. Enter the section number, city, and dates for each course that you select below. You may optionally enter a second choice of section; we will automatically register you for that if your first choice is full.

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Desired Section 1st Choice</th>
<th>Course Location (City)</th>
<th>Course Date(s)</th>
<th>Desired Section 2nd Choice*</th>
<th>Fee (Take advantage of the earlybird price if postmarked by deadline)</th>
</tr>
</thead>
<tbody>
<tr>
<td>EI 1001 Construction Installer</td>
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<tr>
<td>RI 1501 Recertification: Construction Installer</td>
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<tr>
<td>EM 2001 Construction Site Management</td>
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<td>RM 2501 Recertification: Const. Site Mgmt.</td>
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<td>ED 3001 Design of Construction SWPPP</td>
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<td>RD 3501 Recertification: Design of Const. SWPPP</td>
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<td>Non-certification course please indicate course #</td>
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</tbody>
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*If you indicate a second choice, we will automatically register you for it if your first choice is unavailable.

Check www.erosion.umn.edu or call 800-646-2282 or 612-625-9733 for updated information about full or cancelled sections.

MAIL REGISTRATION WITH PAYMENT (SEE OPTIONS BELOW)
OR GOVERNMENT PURCHASE ORDER TO:
Erosion and Stormwater Management Certification
University of Minnesota
1390 Eckles Avenue
St. Paul, MN 55108-6005

FAX REGISTRATIONS (CREDIT CARD ONLY) TO OUR SECURED FAX: 612-626-6030
REGISTER ONLINE (CREDIT CARD ONLY) AT http://www.erosion.umn.edu

Mn/DOT EMPLOYEES: register through your Employee Development Specialist.

NAME:________________________________________

COMPANY/Organization:____________________________________

ADDRESS:____________________________________________

CITY:_________________________STATE_________ZIP________

EMAIL:______________________________________________

PHONE:_________________________FAX:_________________________

PAYMENT

☐ CHECK, MONEY ORDER OR GOVERNMENT PURCHASE ORDER PAYABLE TO: UNIVERSITY OF MINNESOTA

OPTIONS

☐ CREDIT CARD: ☐ AMERICAN EXPRESS ☐ DISCOVER ☐ MASTERCARD ☐ VISA ☐ DINERS CLUB

CARDHOLDER’S NAME (PLEASE PRINT)________________________________________

AMOUNT TO BE CHARGED: $___________

CREDIT CARD NUMBER: ___________________________ CODE: _______ EXP. DATE: _______

CARDHOLDER’S SIGNATURE: ___________________________
**Regular Course Schedule**

<table>
<thead>
<tr>
<th>Section</th>
<th>Location</th>
<th>Date</th>
<th>Earlybird Deadline</th>
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</thead>
<tbody>
<tr>
<td>EI 1001</td>
<td>Arden Hills</td>
<td>July 14, 2015 (July 7, 2015)</td>
<td></td>
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</tbody>
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* (CFS) - Call for Status - CFS (612-625-9733)

**Recertification Schedule**

<table>
<thead>
<tr>
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<th>Location</th>
<th>Date</th>
<th>Earlybird Deadline</th>
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</thead>
<tbody>
<tr>
<td>RM 2501</td>
<td>Duluth</td>
<td>Dec. 7-8, 2015 (Dec. 1, 2015)</td>
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</tbody>
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<tr>
<td></td>
<td>Duluth</td>
<td>Nov. 17-18, 2015 (Nov. 11, 2015)</td>
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</table>

*(CFS) - Call for Status - CFS (612-625-9733)*

If you took an Erosion and Stormwater Management Certification course in fall 2012 or spring 2013, your certification will expire in spring 2016. If you are unable to attend one of the scheduled recertification courses, you have the option of attending the regular courses listed above, for the full price and time. If your certification has lapsed, you must take the regular certification course.
EI 1001 Construction Installer

$155  8:00 A.M. - 4:30 P.M.  INCLUDES WRITTEN EXAM
$130  Earlybird registration—see schedule page for deadlines

This one-day course is designed for those who install erosion and sediment control devices and establish vegetation on construction sites. The emphasis is on permit regulations pertaining to laborer activities and proper installation and quality control of various erosion and sediment control devices and turf establishment items. Other topics include an overview of pertinent inspection procedures. This course is taught entirely in the classroom. This class is also appropriate for those inspecting construction sites for assurance of installation quality. (6 PDH)

Who should attend:
- Owners’ representative personnel inspecting seeding, mulching, silt fence placement, topsoil placement, erosion control blanket installation, riprap placement, silt curtain, inlet protection, culvert installations in water bodies and embankment construction near rivers, lakes, and streams.
- Crew supervisor of turf establishment/seeding contractor, and other construction personnel installing temporary erosion and sediment control devices. Note: Mn/DOT Standard Specifications require a minimum of one certified individual per project.

Sec. Date  Location
101    July 14, 2015  Mn/DOT Training Facility, Arden Hills
102    Oct. 20, 2015  Mn/DOT Training Facility, Arden Hills

EM 2001 Construction Site Management

$240  8:00 A.M. - 4:30 P.M.  INCLUDES WRITTEN EXAM
$215  Earlybird registration—see schedule page for deadlines

This two-day course is designed for those who supervise, run, or direct construction site operations, grading work, culvert replacement work, and bridge construction work. This course will cover permit requirements, roles and responsibilities, example specifications, how to use a SWPPP, and best management practices to reduce or control erosion and sedimentation. Other topics include soil erodibility, turf establishment techniques, grading techniques to minimize erosion, timing of installations, and proper installation of best management practices. Also covered will be implementation of the erosion and sediment control plan, requirements of various regulatory agencies, and consequences of permit violations. This course is taught entirely in the classroom. (12 PDH)

Who should attend:
- Personnel and owners’ representatives acting as project engineers, project supervisors, and chief inspectors on projects disturbing more than one acre of land. Note: Mn/DOT Standard Specifications require a minimum of one certified individual per project.
- Personnel (superintendent/foreman) in charge of construction disturbing more than one acre of land and construction personnel in charge of construction activities. Contractor personnel assigned to conduct NPDES sites inspections and fill out NPDES weekly log. Note: Mn/DOT Standard Specifications require a minimum of one certified individual per project.

Sec. Date  Location
201    July 15-16, 2015  Mn/DOT Training Facility, Arden Hills
202    Dec. 7-8, 2015  Inn on Lake Superior, Duluth

Established 2002!
ED 3001 Design of Construction Stormwater Pollution Prevention Plans

$335  8:00 A.M. - 4:30 P.M.  INCLUDES WRITTEN EXAM
$310  Earlybird registration–see schedule page for deadlines

This two-day course is for personnel involved with the design of construction stormwater pollution prevention plans. The course will focus on the SWPPP design elements for most construction sites disturbing more than one acre of land. The course covers NPDES construction permit requirements, design procedures, available resources for design, and other regulatory requirements. Also included are examples of SWPPP drawings and text. The course emphasizes selection and design of appropriate temporary and permanent best management practices (BMPs), proper location of BMPs, and application of bid quantity/payment items. Examples and exercises in the class include road, linear, residential, and commercial construction operations. This course is taught entirely in the classroom.  (12 PDH)

Who should attend:

• Managers, Engineers, Engineering Specialists, and Technicians who prepare or oversee the preparation of stormwater pollution prevention plans for all projects disturbing more than one acre of land.
• Personnel who review stormwater pollution prevention plans.

Sec. Date Location
301  Sept. 23-24, 2015  Mn/DOT Training Facility, Arden Hills
302  Nov. 17-18, 2015  Inn on Lake Superior, Duluth

Recertification Schedule

RI 1501 Recertification: Construction Installer
$140  8:00 A.M. - 4:30 P.M.  INCLUDES WRITTEN EXAM
$115  Earlybird registration–see schedule page for deadlines

This one-day course is designed for those who have been certified in Construction Installer and need to renew their certification.  (5.5 PDH)

Who should attend: Personnel who have a Construction Installer certification that expires on May 31, 2016.

Sec. Date Location
151  Oct. 29, 2015  Mn/DOT Training Facility, Arden Hills

RM 2501 Recertification: Construction Site Management
$145  8:00 A.M. - 4:30 P.M.  INCLUDES WRITTEN EXAM
$120  Earlybird registration–see schedule page for deadlines

This one-day course is designed for those who have been certified in Construction Site Management and need to renew their certification. Classes may have specialized topics. See Recertification Specialization page for more information. (5.5 PDH)

Who should attend: Personnel who have a Construction Site Management certification that expires on May 31, 2016.

Sec. Date Location
251  Dec. 9, 2015  Inn on Lake Superior, Duluth

RD 3501 Recertification: Design of Construction Stormwater Pollution Prevention Plans
$180  8:00 A.M. - 4:30 P.M.  INCLUDES WRITTEN EXAM
$155  Earlybird registration–see schedule page for deadlines

This one-day course is for those who have been certified in Design of Construction Stormwater Pollution Prevention Plans and need to renew their certification. Classes may have specialized topics. See Recertification Specialization page for more information. (5.5 PDH)

Who should attend: Personnel who have a Design of Construction SWPPP certification that expires on May 31, 2016.

Sec. Date Location
351  Oct. 22, 2015  Mn/DOT Training Facility, Arden Hills
352  Nov. 19, 2015  Mn/DOT Facility, Duluth

Recertification

If you took an Erosion and Stormwater Management Certification course in between Summer 2012 and Spring 2013, your certification will expire on May 31, 2016, and you need to recertify. Recertification courses provide information on new regulations, products, and resources. These courses are taught entirely in the classroom. If you are unable to attend one of the scheduled recertification courses, you have the option of attending the regular courses for the full price and time.

Specialization

To better service our attendees, we are offering choices of recertification classes. All of these provide the same Construction SWPPP or Site Management certification, and attendees are encouraged to explore new stormwater technologies while getting the NPDES permit updates. Descriptions of additional class options are listed on the next page.

Visit www.erosion.umn.edu to find out about schedule changes and additions as well as information about other courses available.
Recertification Specialization

To better serve our attendees we are offering choices of recertification classes. All of these provide the same Construction SWPPP or Site Management certification, and attendees are encouraged to explore new stormwater technologies while getting the NPDES permit updates. Descriptions of additional class options are listed below.

**Design of Construction Stormwater Pollution Prevention Plans Recertification with Linear Emphasis**

This SWPPP recertification class will have standard information on the current NPDES construction permit, and additional content on SWPPPs created for linear projects such as highways and some utility work. This class will rely on MPCA and Mn/DOT presenters for much of the content.

The sections to include this emphasis have not been determined.

**Design of Construction Stormwater Pollution Prevention Plans Recertification with Infiltration Emphasis**

This SWPPP recertification class will have standard information on the current NPDES construction permit, and additional content on the design, construction, and maintenance of surface bioinfiltration best management practices. This class will have speakers from the MPCA and Dakota County Soil and Water Conservation District.

The sections to include this emphasis have not been determined.

**Design of Construction Stormwater Pollution Prevention Plans Recertification with Hydrodynamic Separator Emphasis**

This SWPPP recertification class will have standard information on the current NPDES construction permit, and additional content on the selection, operation, maintenance, function, and testing of proprietary hydrodynamic separator devices (HSD). HSDs are sometimes called swirl chambers or in-manhole separators. This class will have speakers from the MPCA and Omid Mohseni from the University of Minnesota and Barr Engineering.

The sections to include this emphasis have not been determined.

**Construction Site Management Recertification with Demolition Emphasis**

This Construction Site Management Recertification class will have standard information on the current NPDES construction permit, and additional content on the stormwater management associated with removal of existing structures such as roads, buildings, bridges, and other infrastructure. This class will have speakers from the MPCA and Mn/DOT.

The sections to include this emphasis have not been determined.

**Construction Site Management Recertification with Bridge Emphasis**

This Construction Site Management Recertification class will have standard information on the current NPDES construction permit, and additional content on the stormwater management associated with highway bridge construction. This class will have speakers from the MPCA and Mn/DOT.

The sections to include this emphasis have not been determined.

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, color, creed, religion, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation.
Other Class Offerings

Additional classes are offered through the Erosion and Stormwater Management Certification Program. These classes are offered without exams or certification procedures. See the program website for more class descriptions, class dates, and registration information. Please contact us or check the website if you are interested in the following classes. New classes are not currently scheduled.

ES 2002 Small Site and Residential Construction Management
$95 7:00 A.M. - 12:00 NOON $70 EARLYBIRD
This half-day course is for personnel responsible for NPDES Construction Permit compliance on small residential or light commercial sites. This program will cover topics on regulations, applications for permits, and economical management techniques for compliance. (4.5 PDH)
A class has not been scheduled at this time. Contact us for information and updates.

MR 4001 Regulatory Enforcement - TBD
$185 8:00 A.M. - 4:30 P.M. $160 EARLYBIRD
LOCATION: TO BE DETERMINED
This one-day course is for personnel responsible for inspecting construction sites for NPDES compliance as part of Municipal Separate Storm Sewer System (MS4) permits. This class is also appropriate for consultant or contracted personnel responsible for construction site compliance inspections. This class is partly in the field and appropriate for all experience levels, as it uses an open forum approach to many topics. (5.5 PDH)
A class has not been scheduled at this time. Contact us for information and updates.

P8 Modeling
$195 8:30 A.M. - 4:30 P.M. TBD
LOCATION: TO BE DETERMINED
This one-day class is for those responsible for modeling or reviewing watershed BMP effectiveness. This class discusses stormwater management practice modeling and uses the free P8 software to illustrate concepts. Attendees will leave with an understanding of how to use the P8 software as well as modeling concepts.

Designing for Volume Control and Infiltration
This one-day class is for professional designers and those responsible for reviewing stormwater management practice designs. This class discusses design procedures for volume control, with a greater focus on infiltration practices. (5.5 PDH)
A class has not been scheduled at this time. Contact us for information and updates.

ID1001 - Illicit Discharge Management
This half-day workshop will cover topics on illicit discharge relevant to the Minnesota Pollution Control Agency NPDES Municipal Separate Storm Sewer Permit. This event will provide a basic overview of IDDE, how to approach a suspected illicit discharge, and how to respond to suspected discharges. This seminar is for municipal staff who are responsible for NPDES MS4 Permit IDDE compliance. Municipal maintenance staff who are routinely in the field will also benefit from this training. Class is for municipal staff addressing IDDE complaints and observations. (2PDH).
A class has not been scheduled at this time. Contact us for information and updates.

Industrial Stormwater

IS 1001 - Industrial Stormwater Permit Training
IS 2201 - Design of Industrial Stormwater Pollution Prevention Plans
IS 2202 - Industrial Stormwater Regulations, SWPPP, Sampling and Monitoring
IS 3201 - Sampling and Monitoring
IS 4201 - Industrial Facility Response to Benchmark Exceedance
IS 5001 - Managing TSS on Industrial Facilities

For more information on Industrial Stormwater classes, go to http://www.erosion.umn.edu

*Check www.erosion.umn.edu for the most current dates and locations. If you cannot find a date or location that meets your needs, please contact us with your request.
Erosion and Stormwater Management Certification Program

The University of Minnesota began this program in 2002 to provide comprehensive training for project managers, contractors, inspectors, and designers in the construction industry, and now also provides training for other stormwater audiences as well. This program provides training to meet the Minnesota NPDES Construction Permit requirements. This program also provides certification for personnel required for Mn/DOT and State Aid funded projects involving bridges crossing rivers and streams, major grading projects, design/build projects, and all projects requiring an NPDES construction permit. Certifications must be renewed every three years to remain valid.

Recertification Eligibility
You can take the recertification course at any time during your three-year certification period, and renew your three-year certification from the current date.

If your certification expires on May 31, 2016 you must recertify this year to keep your certification current. If your certification has lapsed (i.e. if you took a certification course in fall 2011 or spring 2012 and did not recertify by taking a course during spring 2015) you are not eligible for the recertification course, and must take the regular course again. Please contact us for more information.

Registration Information
Registrations will be processed on a first-come, first-served basis. Class sizes are limited, so early registration is encouraged for best selection of classes. Registrations will not be processed without payment. You may pay by check, credit card, or governmental purchase order. You can check http://www.erosion.umn.edu/ to see if seats are still available.

Registration Fee
Register by the deadline (postmarked one week in advance) to get a $25 discount and for best selection of classes. It also helps us to plan for an adequate amount of course materials and refreshments.

Cancellation Fee
Cancellations will be accepted up to seven calendar days prior to the course with a $25 Cancellation Fee. If you cancel after that time, or if you fail to appear at the course, you will forfeit your entire registration fee. Failure to appear at the course due to inclement weather will also follow this policy. Cancellation requests must be submitted in writing via e-mail (erosion@umn.edu) or fax (612-626-6030).

No refunds will be provided in the event that a class is canceled due to inclement weather.

Substitutions
You may substitute another person’s registration for your own; we request notification no less than two working days before the course.

Course Schedule
The courses run from 8:00 A.M.–4:30 P.M. each day. Typically, registration begins at 7:30 A.M.

Lunch is typically on your own at all classes.

Snacks and beverages will be available during both a morning and afternoon break at some classes.

Materials
Your workshop fee includes all reference materials. Please bring notepaper, pencils, and a calculator.

Exam
All certification classes include a written exam. The exam is mostly multiple choice questions, and will start about 3:30 P.M.

Disability Accommodations
To request disability accommodations, please contact the University of Minnesota at 800-646-2282 or 612-625-9733 at least three weeks prior to the scheduled course.

Registration Information
Erosion and Stormwater Management Certification
University of Minnesota
1390 Eckles Avenue
St. Paul, MN 55108-6005
Phone: 800-646-2282 or 612-625-9733
Fax: 612-626-6030
Email: erosion@umn.edu
http://www.erosion.umn.edu

Technical/Certification Questions
612-626-4857

Visit www.erosion.umn.edu for up-to-date information on schedule changes and additions, as well as other courses such as Regulatory Enforcement, Stormwater U, and more!