



What will the class offer?

This class will provide in depth instructions on the installation requirements for BMPs as well as up to date information on the current regulatory requirements, products and materials for the control of erosion and sedimentation at construction sites. The course presents the legal requirements under the Colorado Stormwater Program with a focus on the Stormwater Management Plan (SWMP) and permit conditions and the Phase II requirements that went into effect in July 2002. In addition, examples of municipal program activities and requirements will be reviewed. The program will also cover the changes and updates to the erosion control CDOT specification (208) and permit conditions for water quality. Also, information on the activities of the inspectors will be discussed. BMPs used for erosion control are discussed showing examples from construction sites. The course also covers how to inspect BMPs at a construction site, how to determine maintenance requirements, and what techniques or products may be useful. Overall, the course is based on a series of examples and case studies.



Student Learning Objectives- Upon completion of this class, students will be able to:

- List the permit requirements under the stormwater program
- Describe the impacts to water quality caused by erosion and sedimentation
- Describe the installation and maintenance requirements for BMPs used during construction
- Describe the CDOT water quality program requirements
- List the duties of the Erosion Control Supervisor
- Pass a 25 question certification examination with a score of 75% or better



Grading, Erosion, and Stormwater Quality Control

Most land disturbing activities in Colorado Springs require that grading, erosion and stormwater quality control plans be developed and submitted to the City. The following information summarizes the requirements for grading, erosion and stormwater quality control plans and the submittal and review process. Also included is a description of the process for addressing non-compliance. It does not contain all applicable requirements. Please see "contact information" on how to obtain more information pertinent to a particular site or situation.



Review Process



Grading, erosion, and stormwater quality control plans are reviewed by City Staff to ensure that City Code and DCMV2 requirements are met. Non-Hillside grading, erosion, and stormwater quality control plans are reviewed/signed off by City Engineering Subdivision Review and Development Review. Individual Hillside Site/Lot Plans are reviewed/signed off by Development Review Staff.

Complaint Process

If deficiencies with grading and/or erosion and stormwater quality control are noticed in the field or reported by citizens, City Engineering inspectors notify the contractor/owner to fix the BMPs. Compliance with the Plan is the responsibility of the developer/owner who signs the Plan.



Situations that present an immediate danger to public and/or private safety and other non-compliance issues may result in enforcement action, per City Code.

Requirements for Grading, Erosion and Stormwater Quality Control Plans

Grading, erosion and stormwater quality control plans are required for all but minor land disturbing activities in accordance with City Code 7.7.15 (Grading, Erosion and Stormwater Quality Control Ordinance) and 7.3.504 (Hillside Ordinance) and the City of Colorado Springs Drainage Criteria Manual, Vol. 2, Chapter 3. Grading, erosion, and stormwater quality control plans are required for the following:

- Any grading or construction within Hillside Areas (City Code, 7.3.504) or
- Excavation or fill = 500 CY, or
- Grading of a site with a land disturbance = 1 acre or
- Grading on any property with a natural slope > 8% or
- Any combination of the above three



Grading, erosion, and stormwater quality control plans must be reviewed and filed (signed) by the City when required as noted above and BMPs installed prior to any land disturbance.

NOTE: The City requires the project's Erosion Control Inspector to be a registered PE in Colorado or certified in a City approved erosion control inspection program.

**Erosion Control Seminar
REGISTRATION**

Presented by Scott Olson from
Altitude Training Associates

When: September 19, 2011, Monday
(8:00-5:00 pm) 7:30 am check-in

Where: CAB (City Administration Building)
30 S. Nevada Ave. Suite 102
Colorado Springs, CO

Location: NW Corner of Colorado and Nevada
Cost: \$75.00 for the erosion control class which includes handouts, and a certificate of completion which certifies you with CDOT and the City (following successful passage of final exam).

Parking is available on the SW corner for a fee. Free street parking is available a few blocks away. Parking will NOT be validated. Lunch will NOT be provided.

No cancellations 14 days prior to class, substitution allowed until class time.

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|---------|-------|-----|
| Name(s) | | |
| | | |
| Company | | |
| Email | | |
| Address | | |
| | | |
| City | State | Zip |
| Phone | Fax | |

Registration deadline: **Wed., October 13th**
Please enclose a check for \$75.00 per person for the Erosion Control Class made payable to City Engineering** **Sorry, Credit Cards are not accepted.** Return registration form to:
Stormwater Engineering
Attn: Cheryl Callahan
P.O. Box 1575 MC 520
Colorado Springs, CO 80901
For more information, call 719-385-5543
***FAX YOUR RESERVATION TO: 719-385-5095**
***Seating is limited to 50. A waitlist will be formed if needed. Registration space is not guaranteed until fee has been received.

State Requirements 

Construction activities that disturb one or more acres, or which are part of a larger common plan of development or sale that will disturb 1 acre; are required to obtain a "Discharge of Stormwater Associated with Construction Activities" permit through the Colorado Department of Public Health and Environment.



For more information, contact the Colorado Department of Public Health and Environment, Water Quality Control Division at (303) 692-3500.

Contact Information

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| Grading, erosion & stormwater quality control plan review | (719) 385-5979 |
| Hillside grading, erosion and stormwater quality control plan review | (719) 385-5905 |
| Overall subdivision plan | (719) 385-5979 |
| Individual site/lot plans | (719) 385-5982 |
| Respond to citizen complaints/enforce plans | (719) 385-5980 |
| Hillside site/lot plans | (719) 385-5982 |
| Stormwater Drainage | (719) 385-5980 |
| or visit our website at www.springsgov.com/stormwater | |

City of Colorado Springs
Stormwater Engineering
P.O. Box 1575 – MC 520
Colorado Springs, CO 80901-1575

Grading & Erosion Control Seminar

Training Class!!

**Monday
October 18, 2010
8:00am to 5:00pm**

