

## Stormwater Management & Erosion Control During Construction

Presented by Tom Gore from Altitude Training Associates

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Number of attendees x \$75 \_\_\_\_\_

◇Class size is limited to 50 but a wait list will be available.

◇Registration space is not guaranteed until fee has been paid.

◇Parking will not be validated, however, parking is available in the parking garage for a fee. Free parking is available a few blocks away.

◇Lunch is on your own.

◇You may cancel up to 14 days prior to class.

◇Substitutions are allowed.

Return registration by December 9th to:

Stormwater Engineering

Attn: Crystal Luna

PO Box 1575 MC 410

Colorado Springs, CO 80901 or

Cluna@springsgov.com

For more information call 719-385-5566

### 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.

### City of Colorado Springs Contact Information

Grading, erosion & stormwater	(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 Engineering	(719) 385-5980

or visit our website at [www.springsgov.com/stormwater](http://www.springsgov.com/stormwater)

CITY OF COLORADO SPRINGS  
STORMWATER ENGINEERING  
PO BOX 1575 MC 410  
COLORADO SPRINGS CO 80901-1575

# Stormwater Management & Erosion Control During Construction

**Monday,  
May 9, 2016  
8:00am to 5:00pm**





## 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 Best Management Practices (BMPs). The program will also cover permit conditions for water quality. BMPs used for erosion control, sediment control, equipment, materials and waste management are discussed showing examples from construction sites. The course also covers 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 function of various administrative and structural site controls
- ◆ Describe the BMP evaluation process to determine if maintenance is required.
- ◆ Pass a 25 question certification examination with a score of 72% 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 and 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.