

## Erosion Control Seminar

### ONLINE REGISTRATION ONLY

Go to: [www.altitudeta.com](http://www.altitudeta.com)

For more information, please call

(307) 630-8110

**Presented by Scott Olson from  
Altitude Training Associates**

**When:** April 27, 2021 or  
October 5, 2021  
8:00am -5:00 pm  
(7:30 am check-in)

**Where:** This class is virtual and  
will be instructor led  
using the Zoom platform.  
A computer with camera  
and microphone required.

**Contact Scott for a system check**

**Cost:** \$100 includes handouts, and a  
certificate of completion which certi-  
fies you with the City (following suc-  
cessful passage of final exam).

**Parking is available in the park-  
ing garage for a fee. Free street  
parking is available a few blocks  
away. Parking will NOT be vali-  
dated.**

**Lunch will NOT be provided.**

Questions for the City, please 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.



# \*\*FREE\*\*

If you take both the Stormwater Management and Erosion Control (GEC) class and the Developing and Implementing Stormwater Plans (SWMP) training class, then you may attend the Temp Control Measures (TCM) Field Academy class at no charge!

City of Colorado Springs  
City Engineering/Stormwater  
P.O. Box 1575 – MC 411  
Colorado Springs, CO 80901-1575

### City of Colorado Springs Contact Information

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 Engineering	(719) 385-5980
Visit our website at <a href="http://coloradosprings.gov/stormwater">coloradosprings.gov/stormwater</a>	

# STORMWATER MANAGEMENT AND EROSION CONTROL DURING CONSTRUCTION

## Training Class!!

April 27, 2021  
or  
October 5, 2021





## What will the class offer?



The course presents the legal requirements under the Colorado Stormwater Program with a focus on Temporary Control Measures (TCMs). Additionally, the class will provide in depth instructions on the installation requirements for TCMs as well as up to date information on the current regulatory requirements, and products and materials for the control of erosion and sedimentation at construction sites.

In addition, examples of the municipal program activities and requirements will be reviewed. The program will cover permit conditions for water quality, and TCMs used for erosion control 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 TCMs used during construction
- ◆ Describe the function of various administrative and structural site controls
- ◆ Describe the TCM 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 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. 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 TCMs. 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)
- ◆ Excavation or fill = 500 CY
- ◆ Grading of a site with a land disturbance = 1 acre
- ◆ Grading on any property with a natural slope > 8%
- ◆ Any combination of the above



Grading, erosion, and stormwater quality control plans must be reviewed and filed (signed) by the City when required as noted above and TCMs 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.