



Altitude Training Associates

Stormwater Management
During Construction &
Health & Safety Programs

Class Schedule &
Course Information

July – December 2010

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Scott Olson, Instructor
Tom Gore, Instructor

Erosion Control Supervisor Certification

<i>Class Date(s)</i>	<i>Course</i>	<i>Sponsor</i>
July 13, 2010	8 Hour HazWOPER Refresher	Laramie County Community College Cheyenne, WY (307) 778-4381
July 15 & 16, 2010	CDOT Erosion Control Supervisor Certification	Red Rocks Community College, Lakewood, CO (800) 933-8394
July 16, 2010	BMPs for Working In Waterways (half day - morning)	Keep It Clean Partnership (KICP) Boulder, CO (303) 441-1439
July 20, 2010	CDOT Erosion Control Supervisor Certification	Colorado Contractors Association Denver, CO (303) 290-6611
July 21, 2010 CLOSED – CLASS FULL	CDOT BMP Field Academy	Altitude Training Associates www.altitudeta.com (307) 630-8110
July 22, 2010	Maintenance of Permanent Best Management Practices	Red Rocks Community College, Lakewood, CO (800) 933-8394
July 29 & 30, 2010	Conducting Stormwater Compliance Inspections (Colorado)	Red Rocks Community College, Lakewood, CO (800) 933-8394
August 5, 2010	CDOT BMP Field Academy	Colorado Contractors Association Denver, CO (303) 290-6611
August 12 & 13, 2010	CDOT Erosion Control Supervisor Certification	Red Rocks Community College, Lakewood, CO (800) 933-8394
August 19, 2010 CLOSED – CLASS FULL	CDOT BMP Field Academy	Altitude Training Associates www.altitudeta.com (307) 630-8110
August 26 & 27, 2010	Conducting Stormwater Compliance Inspections (Colorado)	Red Rocks Community College, Lakewood, CO (800) 933-8394
September 2, 2010	Construction Groundwater Dewatering (half day) BMPs for Working In Waterways (half day)	Red Rocks Community College, Lakewood, CO (800) 933-8394
September 7, 2010	10 Health & Safety for General Industry	Laramie County Community College Cheyenne, WY (307) 778-4381
September 9 & 10, 2010	CDOT Erosion Control Supervisor Certification	Red Rocks Community College, Lakewood, CO (800) 933-8394

Erosion Control Supervisor Certification

<i>Class Date(s)</i>	<i>Course</i>	<i>Sponsor</i>
September 16, 2010	CDOT BMP Field Academy	Altitude Training Associates www.altitudeta.com (307) 630-8110
September 21, 2010	CDOT Erosion Control Supervisor Certification	Associated General Contractors (AGC), Denver, CO (303) 388-2422
September 22, 2010	Developing & Implementing Stormwater Management Plans (SWMP)	Associated General Contractors (AGC), Denver, CO (303) 388-2422
September 23, 2010	CDOT BMP Field Academy	Altitude Training Associates www.altitudeta.com (307) 630-8110
September 29 & 30, 2010	Stormwater Management During Construction Advanced Class	Montana Contractors Association Helena, MT (406) 442-4162
October 12, 2010	Confined Space Entry	Laramie County Community College Cheyenne, WY (307) 778-4381
October 14 & 15, 2010	CDOT Erosion Control Supervisor Certification	Red Rocks Community College, Lakewood, CO (800) 933-8394
October 18, 2010	CDOT Erosion Control Supervisor Certification	City of Colorado Springs (719) 385-5913
October 18, 2010	CDOT Erosion Control Supervisor Certification	City of Grand Junction (970) 263-7401
October 19, 2010	Maintenance of Permanent BMPs (half day) Stormwater Management Plans (half day)	City of Colorado Springs (719) 385-5913
October 19, 2010	Developing & Implementing Stormwater Management Plans (SWMP)	City of Grand Junction (970) 263-7401
October 20 & 21, 2010	Conducting Stormwater Compliance Inspections (Colorado)	City of Colorado Springs (719) 385-5913
October 21, 2010	Developing & Implementing Stormwater Management Plans (SWMP)	Red Rocks Community College, Lakewood, CO (800) 933-8394

Erosion Control Supervisor Certification

<i>Class Date(s)</i>	<i>Course</i>	<i>Sponsor</i>
October 26, 2010	Health & Safety for the Construction Industry	Laramie County Community College Cheyenne, WY (307) 778-4381
October 28 & 29, 2010	Conducting Stormwater Compliance Inspections (Colorado)	Red Rocks Community College, Lakewood, CO (800) 933-8394
November 1-5, 2010	40 Hour HazWOPER	Laramie County Community College Cheyenne, WY (307) 778-4381
November 2, 2010	CDOT Erosion Control Supervisor Certification	Colorado Contractors Association Denver, CO (303) 290-6611
November 11 & 12, 2010	CDOT Erosion Control Supervisor Certification	Red Rocks Community College, Lakewood, CO (800) 933-8394
November 18, 2010	8 Hour HazWOPER Refresher	Laramie County Community College Cheyenne, WY (307) 778-4381
December 13-16 , 2010	30 Hour Health & Safety for the Construction Industry	Laramie County Community College Cheyenne, WY (307) 778-4381
December 16 & 17, 2010	CDOT Erosion Control Supervisor Certification	Red Rocks Community College, Lakewood, CO (800) 933-8394

Erosion Control Supervisor Certification

COURSE DESCRIPTION – One Day Course for ECS Certification

This one day course is the certification course for the Colorado Department of Transportation (CDOT) Erosion Control Supervisor (ECS). This program has been developed for the Erosion Control Supervisor responsible for the proper installation, maintenance and inspection of Best Management Practices (BMPs) for the control of erosion and sedimentation at construction sites.

NOTE: Some sponsors offer a day and a half program with the second half day being a field trip to construction sites.

The program covers:

- The Stormwater Program legal requirements including permitting and Stormwater Management Plans (SWMP).
- Erosion and Sedimentation at construction sites.
- Types of Best Management Practices (BMPs) for specific situations to control erosion and sedimentation.
- Installing construction site BMPs.
- Inspecting and maintaining construction site BMPs.

PREREQUISITE

There is no prerequisite for this class. This course is an entry-level course and is the first class in a series (see the other programs in this curriculum guide).

LEARNING OBJECTIVES

Upon completion of this class, you 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.

INSTRUCTORS

Scott Olson, Altitude Training Associates
Tom Gore, Altitude Training Associates

Erosion Control Supervisor Certification

TOPICAL OUTLINE

Note: 10 minute breaks will be hourly. All times are approximate.

<i>Module</i>	<i>Time</i>	<i>Topic</i>
Module 1 – Introduction Regulatory Requirements	1.5 Hours	Participant and Course Introduction Learning Objectives Regulatory Program & Permit Requirements Stormwater Management Plans (SWMP)
Module 2 – The Erosion Process	.5 Hour	The Erosion Process & Objectives for Erosion Control
Module 3 – Best Management Practices for Erosion Control	1.5 Hour	Types of BMP's for <u>Erosion</u> Control including Planning, Scheduling, Phasing Administrative BMPs, Grading Techniques, and Vegetative Cover, Rolled Erosion Control Products
LUNCH	One Hour	
Module 3 – continued Best Management Practices for Erosion Control	.5 Hour	Vehicle Tracking Control, Diversions, Slope Drains Outlet Protection, Check Dams
Module 4 – Introduction Best Management Practices for Sediment Removal	One Hour	Types of BMP's for <u>Sediment</u> Removal Silt Fence and Erosion Bales Inlet Protection
Module 4 – continued Best Management Practices for Sediment Removal	One Hour	Sediment Traps and Sediment Basins
Module 5 – Materials Handling	.5 hour	BMPs for Materials Handling and Waste Management
Module 6 – CDOT Water Quality Programs	One Hour	Description of the CDOT Erosion and Water Quality Specifications. Focus on the duties of the Erosion Control Supervisor (ECS) ECS Certification Exam and wrap up of the program

COURSE DESCRIPTION – One Day Course on Developing SWMP's

The development and implementation of Stormwater Management Plans (SWMP) requires a carefully planned approach accompanied by close follow up. This one day training program is designed to provide information about how to prepare and implement these plans to help comply with the requirements of the CDPS permit as issued by the Colorado Department of Public Health and Environment (CDPHE), Water Quality Control Division (WQCD). This program is designed and intended to provide supporting training and information for the Erosion Control Supervisor.

PREREQUISITE

There is no formal prerequisite for this class. However, it is strongly recommended you have knowledge of the construction stormwater permit and best management practices to control erosion and sedimentation during construction activities. This class is a follow up class to the ECS Certification class and is the second class in a series.

LEARNING OBJECTIVES

Upon completion of this class, students will be able to:

- Describe the contents of a SWMP.
- Select Best Management Practices (BMP's) for the control of Erosion and Sedimentation.
- Describe the requirements for amendments to the SWMP.
- Describe the procedures for development, revision and implementation of the SWMP.
- Describe procedures for conducting routine inspections of BMP's.
- Complete an inspection record.

INSTRUCTORS

Scott Olson, Altitude Training Associates
Tom Gore, Altitude Training Associates

Developing and Implementing Stormwater Management Plans

TOPICAL OUTLINE

Note: 10 minute breaks will be hourly. All times are approximate.

Module	Time	Topic
Module 1 SWMP	1 Hour	Participant and Course Introduction Learning Objectives Introduction to SWMPs
Module 2 SWMP	1 Hour	Formatting and contents of a SWMP
Module 3 SWMP	1.5 Hour	Procedures for Developing and implementing a SWMP
LUNCH	One Hour	
Module 3 con't SWMP	1 Hour	Procedures for Developing and implementing a SWMP
Module 5 Inspections	2 hours	Requirements for conducting stormwater inspections.
Module 6 Selecting BMP's	1 Hour	Selecting Best Management Practices for Erosion and Sediment Control

Conducting Stormwater Compliance Inspections

COURSE DESCRIPTION – Two Day Course on Conducting Compliance Inspections for Colorado.

This 2 day training course has been developed for **compliance** inspectors of Best Management Practices (BMPs) used to control erosion and sedimentation during construction. Please note: this class is for compliance inspectors and does not cover how to complete a routine inspection as a requirement of the permit. The course covers; preparing for and conducting a comprehensive inspection of a CDPHE *Stormwater Discharges Associated with Construction Activity* permitted site. Specific features of this course will address topics to prepare inspectors for consistent inspection procedures and includes a half day field trip. The course is team taught with one instructor from Altitude Training Associates and one instructor from the Colorado Department of Public Health & Environment (CDPHE).

PREREQUISITE

Successful completion of the ECS Certification class or a detailed knowledge of best management practices to control erosion and sedimentation during construction activities is required. This program is the third course in the series and is an advanced program.

LEARNING OBJECTIVES

Upon completion of this course, students will be able to:

- Describe the Permit Conditions
- Describe Procedures for Conducting On-Site Inspections for Permit Compliance.
- List the 5 elements of a finding of noncompliance.
- Describe the Record Keeping Requirements for Permitted Sites
- Examine Appropriate Applications, Installations and Maintenance of Construction BMPs.
- Generate a Report to Document Findings.

INSTRUCTORS

Scott Olson, Altitude Training Associates
Tom Gore, Altitude Training Associates
Matt Czahor, Colorado Department of Public Health & Environment

Conducting Stormwater Compliance Inspections

TOPICAL OUTLINE DAY 1

Note: 10 minute breaks will be hourly. All times are approximate.

Module	Time	Topic
Module 1 Introduction	1.5 Hours	Participant and Course Introduction Learning Objectives Regulatory Review
Module 2 The SWMP	1 Hour	Evaluating a SWMP for Compliance
Module 3 Compliance Inspections	1Hour	The Inspection Process
LUNCH	One Hour	
Module 4 Best Management Practices	3 Hours	Evaluating Best Management Practices for Permit Compliance.

TOPICAL OUTLINE DAY 2

Note: 10 minute breaks will be hourly. All times are approximate.

Module	Time	Topic
FIELD TRIP	3-4 Hours	1-2 Constructions Sites are visited to evaluate the sites for permit compliance.
LUNCH	One Hour	
De-briefing of Field Trip	1-2 Hours	A discussion of the findings from the field trip will be discussed as a group.
Conclusion	.5 Hour	How to prepare the report of the compliance inspection.

COURSE DESCRIPTION – One Day Course for the Oil & Gas Industry

This one day program has been developed as guidance for the proper installation, inspection, and maintenance of Best Management Practices (BMP's) for the control of erosion and sedimentation at sites that have construction activity related to oil and gas exploration, production, processing, and treatment operations or transmission facilities. The program covers:

- The Stormwater Program legal requirements including permitting and Stormwater Management Plans (SWMP)/Storm Water Pollution Prevention Plans (SWPPP).
- Erosion and Sedimentation at construction sites.
- Types of Best Management Practices (BMP's) for specific conditions designed to control erosion and sedimentation.
- Installation of construction site BMP's.
- Inspecting and maintaining installed BMP's.

LEARNING OBJECTIVES

Upon completion of this class, you will be able to:

- List the permit requirements under the stormwater program.
- Describe the impacts to water quality caused by erosion and sedimentation.
- List specific Best Management Practices (BMP's) used to control sources of pollution on construction sites.
- Describe the installation and maintenance requirements for BMP's used during construction.

PREREQUISITES

There are no prerequisites for this course.

INSTRUCTOR

Scott Olson, Altitude Training Associates
Tom Gore, Altitude Training Associates

Stormwater Management for the Oil & Gas Industry

TOPICAL OUTLINE

Note: 10 minute breaks will be hourly

<i>Module</i>	<i>Time</i>	<i>Topic</i>
Module 1 – Introduction Regulatory Requirements	1.5 Hours	Participant and Course Introduction Learning Objectives Regulatory Program & Permit Requirements Stormwater Management Plans (SWMP)
Module 2 – The Erosion Process	.5 Hour	The erosion process & objectives for erosion control
Module 3 – Best Management Practices for Erosion Control	1.5 Hour	Types of BMP's for <u>erosion</u> control including planning, scheduling, phasing Administrative BMPs, grading techniques, and vegetative cover, rolled erosion control products
LUNCH	One Hour	
Module 3 – continued Best Management Practices for Erosion Control	.5 Hour	Vehicle tracking control, diversions, slope drains Outlet protection, check dams
Module 4 – Introduction Best Management Practices for Sediment Removal	1 Hour	Types of BMP's for <u>Sediment</u> removal
Module 4 – continued Best Management Practices for Sediment Removal	1 Hour	Sediment Traps and Sediment Basins
Module 5 – Materials Handling	.5 hour	BMPs for materials handling and waste management
Module 6 – Stream Diversions, Crossings & 404 Permitting	.5 hour	BMPs for Diverting and Crossing Clear Water Courses. Permitting for Work in Waterways

COURSE DESCRIPTION – Half Day Course on Construction Dewatering

This ½-day training course has been developed by Altitude Training Associates in conjunction with the Colorado Department of Public Health and Environment-Water Quality Control Division (CDPHE-WQCD) as guidance for personnel that may be involved in construction dewatering operations. These dewatering operations include the methods and practices implemented to remove groundwater accumulations from excavations and managing discharges so they will not have a negative impact on water quality. The focus of the course is on how to engage in these activities, and complete the required record-keeping, in a manner that is compliant with the CDPHE-WQCD Colorado Discharge Permitting System (CDPS) *General Permit for Construction Dewatering Activities* permitting conditions.

LEARNING OBJECTIVES

Upon completion of this course, participants should be able to:

- List what activities require a CDPS *General Permit For Construction Dewatering Activities*
- List the Permitting requirements
- Describe the procedures for filing for Permit coverage
- Compare and contrast the differences between a permitted discharge and a non-permitted land application
- Detail the fundamentals of an adequate plan for conducting dewatering
- List a variety of compliant dewatering and treatment methods
- Implement inspection procedures for monitoring dewatering operation effectiveness and compliance
- Describe the procedures for taking samples of discharges
- Complete the Discharge Monitoring Report (DMR) form

PREREQUISITES

There are no prerequisites for this course.

INSTRUCTORS

Tom Gore, Altitude Training Associates
Nicole Rolfe, Colorado Department of Public Health & Environment

Construction Dewatering

TOPICAL OUTLINE

Note: 10 minute breaks will be hourly

<i>Module</i>	<i>Time</i>	<i>Topic</i>
Module 1 - Introduction - Regulatory Requirements	1½ Hours	Participant and Course Introduction Learning Objectives Regulatory Program and Permit Requirements
Module 2 Dewatering Methods for Land Applications	½ Hour	Procedures for Avoiding Off-site Discharges During Dewatering
Module 3 Dewatering Methods for Off-site Discharges	¾ Hour	Best Management Practices for Permit Compliance - Review of Various Pumping and Treatment Methods
Module 4 - Dewatering Management Plans - Operations Monitoring - Sampling and Report Preparation	¾ Hour	Developing a Plan to Direct Operations and Procedures. Inspecting the Dewatering Operation and Activities. Taking Samples and Filling out the <i>Discharge Monitoring Report</i> for Submittal

Course Description for Maintenance Practices for Permanent Stormwater Best Management Practices (BMPs)

This one day class is designed for personnel responsible for ensuring the proper functioning of stormwater structures, features, and Best Management Practices (BMPs) as they relate to City requirements and the Municipal Separate Storm Sewer System (MS4) permit. Specific focus is given to the inspection and maintenance of permanent BMPs. The course covers MS4 permit requirements for maintenance activities of permanent stormwater controls, construction site erosion control BMPs, and materials/waste handling practices. The class also covers fixed facility stormwater management practices such as spill plans and chemical storage. In brief, the class provides the training necessary to effectively maintain stormwater BMPs

This class is also offered as a one day program.

Learning Objectives

Upon completion of this class, participants will be able to:

- Describe the basic requirements of the regulatory program for stormwater management for both construction activities and municipal programs
- List the stormwater permit conditions that effect BMP owners and operators
- Describe the types of permanent controls used for stormwater pollution control and typical construction and maintenance requirements
- Describe the proper installation techniques for construction site erosion control BMPs and required maintenance activities with a focus on post construction, pre-permit inactivation
- Describe how to conduct an inspection of stormwater BMPs features, both temporary and permanent

PREREQUISITES

There are no prerequisites for this course.

INSTRUCTOR

Scott Olson, Altitude Training Associates
Tom Gore, Altitude Training Associates

Maintenance Practices for Permanent Stormwater BMPs

One Day Course Agenda (this class is also offered as a half day)

Ten-minute breaks will be scheduled hourly

Introduction to Course	1-Hour	Introductions Course Description Learning Objectives Course Agenda
Module 1 The MS4 Permit – Municipal Responsibilities	1-Hour	Stormwater as a Pollution Transporter Regulatory Requirements – The Clean Water Act MS4 Permitting & Colorado Permitting System
Module 2 Construction Site BMPs	1 -Hour	Inspecting for Final Stabilization Maintenance of Temporary BMPs Removal of Temporary BMPs
Lunch	1-Hour	
Module 3 Post-Construction Stormwater Management	3-Hours	Permanent Stormwater Management Features; Inspection and Maintenance: √ Ponds/Extended Detention Basins, Swales, Stormdrains, Culverts, Creeks √ Porous Pavement/ Landscape Detention √ Wetlands Channels and Basins √ Retention Basins, Sand Filters
Module 4 Pollution Prevention/ Good Housekeeping	1-Hour	Pollution Prevention and Good Housekeeping at Storage and Maintenance Facilities Spill Response and Clean-up Facility Runoff Control Programs

INTRODUCTION

The program takes place at the CDOT BMP Academy: 4201 E. Arkansas Ave, Denver, CO. You must provide verification of employment at the time of registration. Additional registration requirements apply. All participants must have appropriate insurance coverage through their employer. The venue is outdoors and requires proper attire include clothing and footwear. You will be engaged in the installation and maintenance of construction site BMPs. Dress accordingly. All students are to meet at the field academy shelter to check in.

COURSE DESCRIPTION

This one day class is entirely comprised of field activities. Therefore, the enrollment is limited to 16 students. After an introduction to the facility, the class is divided into 2 groups each group comprised of 8 student and led by an instructor. Each group will be further divided into subgroups of 4 people for the installation stations. Depending on the station, either the students will install a BMP or a demonstration/discussion will be conducted. After selected installations are complete, a storm event will be simulated so it's functioning can be evaluated. Each student is responsible for evaluating BMP installations completed by another group.

PREREQUISITE

The CDOT Erosion Control Supervisor (ECS) course or equivalent or approval of the Lead Instructor.

LEARNING OBJECTIVES

Upon completion of this class, participants will be able to:

- Apply BMP installation details in the field.
- Install a straw wattle check dam, earthen berm, silt fencing, curb and drop inlet protection device, and a rolled erosion control product.
- Determine where BMP features should be located for proper functioning.
- Critique the installation details for BMP features installed during the session.
- Describe the installation criteria for all features installed during the session.
- Evaluate the effectiveness of the BMPs at each station with a simulated precipitation event.
- Describe the differences between a permanent pond and a temporary pond used during construction.
- Describe the maintenance requirements for ponds.
- Compare and contrast various slope stabilization techniques and their limitations under simulated precipitation conditions.

CDOT BMP Field Academy

INSTRUCTORS

Scott Olson, Altitude Training Associates
Tom Gore, Altitude Training Associates

This class is team taught. Each group of 8 people will be assigned to one instructor. Additional assistance will be provided to the students when moving materials into place for the installations.

BMP STATIONS (stations are referred to by color)

Class starts promptly at 8am and concludes at approximately 4:30pm. All times listed below are approximate. The stations may not be completed in the same order. Each numbered station is completed by a subgroup of 4 people unless it is a demonstration.

<i>Module</i>	<i>Time</i>	<i>Features</i>
Station 1 (green) SE Corner at pad	½ hour	<ol style="list-style-type: none"> 1. Introduction to the Program 2. Facility Orientation 3. Group Designations
Station 2 (red) Slope Cells	3.5 hrs.	<ol style="list-style-type: none"> 1. Re-vegetation and Bare Ground Demonstration (south slope cells) 2. Slope Stabilization Installation Rolled Erosion Control Products 3. Sediment Barrier Installation Earthen Berm
<i>LUNCH</i>	1 Hr.	
Station 3 (yellow) East Ditches	1 Hr.	<ol style="list-style-type: none"> 1. Check Dam Installation 2. Perimeter Control Silt Fence Installation
Station 4 (red) Roadway area	1 Hr.	<ol style="list-style-type: none"> 1. Roadway Simulations – Curb Checks 2. Roadway Simulations – Curb Inlet Protection Curb Inlet Protection (Type R)
Station 5 (blue) SW Corner at pond	1 Hr.	<ol style="list-style-type: none"> 1. Sediment Entrapment Sediment Basin Permanent Pond Outlet Protection Side Slope Stabilization 2. Roadway Simulation – Drop Inlet Protection Drop Inlet Protection (Type C)
Station 6 (green) SE corner at pad	½ hr.	Course Conclusion De-brief

Scott Olson

Mr. Olson has 24 years training experience including eight in higher education and presently delivers over 100 programs annually. He is the former Chair of the Environmental & Safety Technology Department at Red Rocks Community College (RRCC) and former Director of the Colorado Environmental Training Center. Mr. Olson instructed in the Environmental Compliance degree program for eight years and developed the state accredited curriculum. He presently is owner of Altitude Training Associates and adjunct faculty at RRCC, San Juan College, and Laramie County Community College. His instructional abilities have helped the OSHA Training Institute and Environmental Training Center become one of the best training sites in the country. Mr. Olson is the author of *International Environmental Standards Handbook*; a 350 page reference book published in 1999 and has traveled internationally presenting environmental programs. He is a member of the National Environmental Training Association, International Erosion Control Association and American Society for Training and Development. His students have selected him for Who's Who Among America's Teachers in 1996, 1998, and 2000 and he is listed in NETA's Who's Who Among Environmental Instructors.

In 1992, Mr. Olson developed the award winning *Stormwater Management During Construction, Field Based Technology* program in partnership with the Colorado Department of Transportation (CDOT), Urban Drainage and Flood Control District (UDFCD), and Colorado Department of Public Health and Environment (CDPHE). The target audience for the day and a half workshops is installers of Best Management Practices (BMP) to control erosion and sedimentation at construction sites. The class has been developed into the CDOT Erosion Control Supervisor (ECS) Certification program for which over 500 people are certified annually. Mr. Olson has also developed certification programs for the Keep It Clean Partnership (Boulder, CO) and the states of Utah and Montana. He continues to travel the western states delivering stormwater management training courses.

Tom Gore

Tom Gore has been active in the environmental industry for the past 12 years. His professional work experience spans; Superfund sites, emergency response, delivering training programs, permitting compliance and construction management. His specialized training in the field includes: Hazardous Waste Operations, Environmental Law, Stormwater Management, Occupational Safety and Health Act (OSHA) 501, and Environmental Management Systems. Mr. Gore has over 14-years hands-on training experience. His environmental/health and safety background includes developing and delivering training programs, developing Stormwater Management Plans, conducting site audits and inspections, providing direction in the selection and installation of Best Management Practice features and supplying permit compliance assistance.

Currently he is an authorized OSHA 501 trainer and was employed by The City of Aurora for over four years, serving as the Compliance Inspections Supervisor. Mr. Gore has been with Altitude Training for over six years and is currently a full-time environmental/health and safety consultant and instructor.