



ci 200B

ONLINE PROGRAM

QCIS

CI200B: QCIS - Qualified Compliance Inspector of Stormwater - HYBRID

Market Type:

Construction

Level: 3

1-877-25-SWPPP

1-877-257-9777

info@StormwaterONE.com



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StormwaterONE.com





CI200B: QCIS - Qualified Compliance Inspector of Stormwater - HYBRID

Price: **\$999.00** | Type: **Virtual Class**

Credits: **20 PDHs / 2.0 CEUs** | Course Length: **20 Hours**

■ Program Overview:

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This program has been reviewed and recognized by the EPA and is a Level 300 United States Green Build Council approved training.

[View the StormwaterONE Live Training Calendar](#)

CI200B

■ Program Objectives:

■ Courses Included:

~~L~~IVE SESSION #1: Intro to Stormwater Management

~~O~~NLINE COURSE #1: Introduction to the National Pollutant Discharge Elimination System

~~O~~NLINE COURSE #2: Principles and Practices of Erosion Control

~~O~~NLINE COURSE #3: Principles and Practices of Sediment Control

~~O~~NLINE COURSE #4: Principles and Practices of Pollution Prevention

~~L~~IVE SESSION #2: Practical Application of BMPs

~~O~~NLINE COURSE #5: On-Site Construction Inspections

~~L~~IVE SESSION #3: Conducting Inspections

CI **200B**

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LIVE SESSION #1: Intro to Stormwater Management**Virtual Instructor Led Training: Session 1**

Title: **Intro to Stormwater Management**

When: **First Tuesday & Third Wednesday of the Month**

Where: **Go To Meeting Link will be provided upon enrollment**

Topics Discussed:

Class introductions

Instructor

Learners

Communication Protocol

Instructors email – BFlack@StormwaterONE.com

Technical Support – Support@StormwaterONE.com

Why Stormwater Pollution Prevention

Overview of Watersheds and Ecosystems

Intro to concepts within the modules

- History of Clean Water Act
- Stormwater Practices on Construction Sites
 - Erosion Control
 - Sediment Control
 - Good Housekeeping/Pollution Prevention

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1.0 - Class introductions

- 1.1 - Instructor
- 1.2 - Learners

- 2.0 - Communication Protocol**
- 2.1 - Instructors email
- 2.2 - Technical Support – Support@StormwaterONE.com

- 3.0 - Intro to the StormwaterONE eCampus**

- 4.0 - Why Stormwater Pollution Prevention**

- 5.0 - Overview of Watersheds and Ecosystems**

- 6.0 - Intro to concepts within the modules**
- 6.1 - History of Clean Water Act
- 6.2 - Stormwater Practices on Construction Sites
 - 6.2.1 - Erosion Control
 - 6.2.2 - Sediment Control
 - 6.2.3 - Good Housekeeping/Pollution Prevention

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ONLINE COURSE #1: Introduction to the National Pollutant Discharge Elimination System

The Introduction to the National Pollutant Discharge Elimination System (NPDES) Permitting Program course will educate individuals of the permitting process and compliance standards of Clean Water Act's National Pollutant Discharge Elimination System.

ONLINE COURSE #2: Principles and Practices of Erosion Control

Throughout the United States and the world, erosion is one of the leading contributors to water impairment. Erosion is the process by which soil particles are dislodged by water or wind.

This course covers erosion and how it occurs; impacts of erosion on the environment and the economy; the factors that effect erosion; information on vegetation establishment; topsoil and fertilizers; mulch and compost; rolled erosion control devices; and surface roughening.

1.0 - What is Erosion?

1.1 - Accelerated Erosion

1.2 - Environmental and Economic Impacts

1.3 - Water Erosion

1.4 - Wind Erosion

1.5 - Factors of Erosion

2.0 - Erosion Control

2.1 - Erosion Controls Overview

2.2 - Vegetation

2.3 - Cool vs. Warm Season

2.4 - Nurse Crop

3.0 - Soil Preparation

3.1 - Organic Matter

3.2 - Fertilizer

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ONLINE COURSE #2: Principles and Practices of Erosion Control*continued...*

- 4.0 - BMPs for Erosion Control**
- 4.1 - What is a BMP?
- 4.2 - Erosion Control Devices
- 4.3 - Perimeter Controls
- 4.4 - Details of BMP Controls

- 5.0 - Stabilization**
- 5.1 - Site Stabilization
- 5.2 - Perimeter Buffers
- 5.3 - Stockpiles

- 6.0 - Mulch and Compost**
- 6.1 - Types of Mulch
- 6.2 - Compost
- 6.3 - Hay Implementation
- 6.4 - Poor Design
- 6.5 - Hydromulch

- 7.0 - Rolled Erosion Control Products**
- 7.1 - Rolled Erosion Control Products
- 7.2 - Netting
- 7.3 - Blankets
- 7.4 - Installation

7.5 - Turf Reinforcement Mats (TRMs)

8.0 - **Surface Roughening**

8.1 - Tracking

8.2 - Bucket Teeth

ONLINE COURSE #3: Principles and Practices of Sediment Control

Sediment controls are devices or products which slow or pond the overland flow to dissipate water energy so that sediment will fall or settle out.

This course is specifically designed for stormwater management, and covers proper installation and placement of silt fence; check dams; wattles; inlet protection; pond types; outlet structures; flocculants; dewatering; and turbidity barriers as they relate to state agency regulations.

1.0 - Sediment Control

- 1.1 - Sediment Control Definition
- 1.2 - Examples of Sediment Control (BMPs)

2.0 - Silt Fence

- 2.1 - Installation Methods
- 2.2 - Alternative Perimeter Controls

3.0 - Wattles

- 3.1 - Types of Wattles
- 3.2 - Biodegradable Wattles
- 3.3 - Fiber Filtration Tubes
- 3.4 - Reusable Wattles

4.0 - Check Dams

- 4.1 - Proper Installation and Spacing
- 4.2 - Types of Check Dams

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ONLINE COURSE #3: Principles and Practices of Sediment Control*continued...***5.0 - Level Spreaders**

5.1 - Level Spreaders

5.2 - T-Pipe Spreader

5.3 - Swale Level Spreader

6.0 - Slope Drains

6.1 - What is a Slope Drain?

6.2 - Proper Installation

7.0 - Inlet Protection Devices

7.1 - Inlet Protection Overview

7.2 - Inlet Protection Design

7.3 - Silt Fence as Inlet Protection

7.4 - Manufactured Inlet Protection

8.0 - Polyacrylamides (PAMs)

8.1 - Polyacrylamides (PAMs) Explained

8.2 - Flocculent Polymers

8.3 - Long Chain Polymers

8.4 - Chitosan

4**ONLINE COURSE #3: Principles and Practices of Sediment Control***continued...***9.0** - Sediment Ponds**9.1** - Types of Sediment Ponds**9.2** - Pond Dewatering**9.3** - Outlets**9.4** - Short Circuiting**9.5** - Turbidity Curtains

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ONLINE COURSE #4: Principles and Practices of Pollution Prevention

State stormwater regulations mandate that construction projects implement effective waste management practices.

This course covers good housekeeping practices, as mandated by the State, the proper installation and maintenance requirements of best management practices (BMPs), management of solid waste, sanitary waste, and hazardous waste; concrete washout; dust control; and construction exits.

1.0 - Good Housekeeping

1.1 - Solid Waste

1.2 - Sanitary Waste

1.3 - Hazardous Waste

2.0 - Material Storage

2.1 - Material Storage and Delivery

2.2 - Fuel Storage and Secondary Containment

2.3 - Vehicle Maintenance

3.0 - Concrete Washout

3.1 - Concrete Washout Areas

3.2 - Concrete Washout Systems

3.3 - Batch Plants

4.0 - Spill Reporting

4.1 - Spill Reporting and Clean Up

4.2 - Spill Kits and Spill Centers

4.3 - Accidental Spills

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ONLINE COURSE #4: Principles and Practices of Pollution Prevention*continued...***5.0 - Phasing BMPs and Sequencing of Construction**

5.1 - Phasing BMPs

5.2 - Sequencing of Construction

5.3 - Stockpile Carryover

6.0 - Dust Control

6.1 - Different Methods of Controlling Dust

6.2 - Water Trucks

6.3 - Polymer Emulsions

6.4 - Soil Tackifiers

7.0 - Track-Out

7.1 - Track-Out and all of its Components

7.2 - Design Variables

7.3 - Maintenance

7.4 - Wheel Washing and Hybrid Designs

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LIVE SESSION #2: Practical Application of BMPs**Virtual Instructor Led Training: Session 2***Title:* **Practical Application of BMPs***Where:* **Go To Meeting Link will be provided upon enrollment**

Topics Discussed:

Phases of Construction

Flow Control

BMP Selection Practices

Land use – Phasing

Intro to Inspections

1.0 - Phases of Construction**2.0 - Flow Control****3.0 - BMP Selection Practices****4.0 - Land use – Phasing****5.0 - Intro to Inspections**

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ONLINE COURSE #5: On-Site Construction Inspections

This course covers inspection rules and protocol; reviewing the SWPPP for compliance; forms in the SWPPP; updating the SWPPP; site inspections of best management practices (BMPs): proper installation and maintenance of devices; and documentation of inspections.

1.0 - Inspection Rules and Protocol

- 1.1 - Who Is the Inspector?
- 1.2 - Proper and Safe Protocol
- 1.3 - Construction Site Areas of Concern
- 1.4 - Recommended Inspection Sequence
- 1.5 - Common Compliance Problems During Construction

2.0 - SWPPP Overview

- 2.1 - The Stormwater Pollution Prevention Plan (SWPPP)
- 2.2 - SWPPP Components

3.0 - Paperwork Inspection

- 3.1 - Paperwork Overview
- 3.2 - Contractor Certificate Statement
- 3.3 - Inspection Form Guidelines
- 3.4 - Hazardous Material (Spill Kit and Spill Center)
- 3.5 - Forms and Documentation: Initial Review
- 3.6 - Public Posting Sign
- 3.7 - Inspection Reports

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ONLINE COURSE #5: On-Site Construction Inspections*continued...***4.0 - Updating the SWPPP**

4.1 - Record of Soil Disturbances

4.2 - Site Map

5.0 - Site Planning and Erosion Control Inspections

5.1 - Limit of Work and Site Access Control

5.2 - Protecting Post-Construction BMPs

5.3 - Tree Protection

5.4 - Stockpile and Staging Area Management

5.5 - Hydro-Mulch

5.6 - Rolled Erosion Control Products (RECPs)

5.7 - Turf Reinforcement Mats (TRMs)

5.8 - Outlet Protection

5.9 - Check Dams

5.10 - Topsoiling and Soil Stabilization

6.0 - Runoff, Sediment and Perimeter Control Inspections

6.1 - Inlet Protection

6.2 - Silt Fence

6.3 - Straw Wattles, Compost Filter Socks and Fiber Rolls

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ONLINE COURSE #5: On-Site Construction Inspections*continued...***7.0 - Good Housekeeping and Pollution Prevention Inspections**

7.1 - Trash, Dumpsters, and Port-a-Potty

7.2 - Concrete Washout Areas

7.3 - Hazardous Waste and Secondary Containment

7.4 - Entrance/Exits and Track-Out

7.5 - Wheel Washing Systems

8.0 - Notice of Termination (NOT)

8.1 - Final Stabilization

8.2 - Notice of Termination (NOT)

8.3 - Filing the NOT and Acceptable Grasses for Vegetation

8.4 - Inspections

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LIVE SESSION #3: Conducting Inspections**Virtual Instructor Led Training: Session 3**

Title: **Conducting Inspections**

Where: **Go To Meeting Link will be provided upon enrollment**

Topics Discussed:

Inspections Reviewed

**Completion of Live Session #3 results in the completion of the CI200B (QCIS only).*

1.0 - Inspections Reviewed

Fill & Fax Enrollment

Please fill out and fax completed form to (203) 440-9664

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Company _____ Title _____

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TOMORROW**

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Monday - Friday 9:00am - 11:00pm EST | Saturday 9:00am - 8:00pm EST

Email us at **Support@StormwaterONE.com** for enrollment assistance.