

# DEQ Certification Class Presentations

**Class presentations are provided for study/review purposes only. Printouts of these PowerPoint slides will not be allowed into the exam testing centers.**

**July 2024**



# Inspector for Erosion and Sediment Control

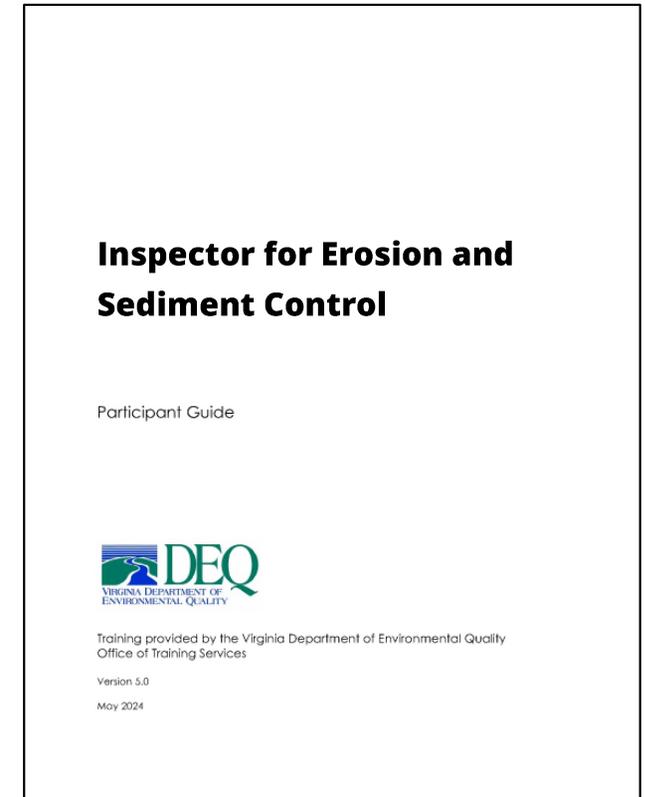
Department of Environmental Quality  
Office of Training Services

# Course Materials

## Participant Guide (PG) v5.0 and Virginia Stormwater Management Handbook Chapter 7

- Purchased at  
<https://bambooink.com/deq/>
- OR downloaded & printed from ELMS

**\*The PG and VSWHB Chapter 7 are the only resources needed to take to Pearson-Vue for the ESC Inspector exam.**



# The 2024 Virginia Stormwater Management Handbook - Online

online.encodeplus.com/regs/deq-va/index.aspx

DEQ VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

HOME DEQ DEQ STORMWATER VRRM MTDS COMMENT SEARCH

VIRGINIA STORMWATER MANAGEMENT HANDBOOK

Interact with the topics below to access Handbook content.

View the Handbook →

<https://online.encodeplus.com/regs/deq-va/index.aspx>

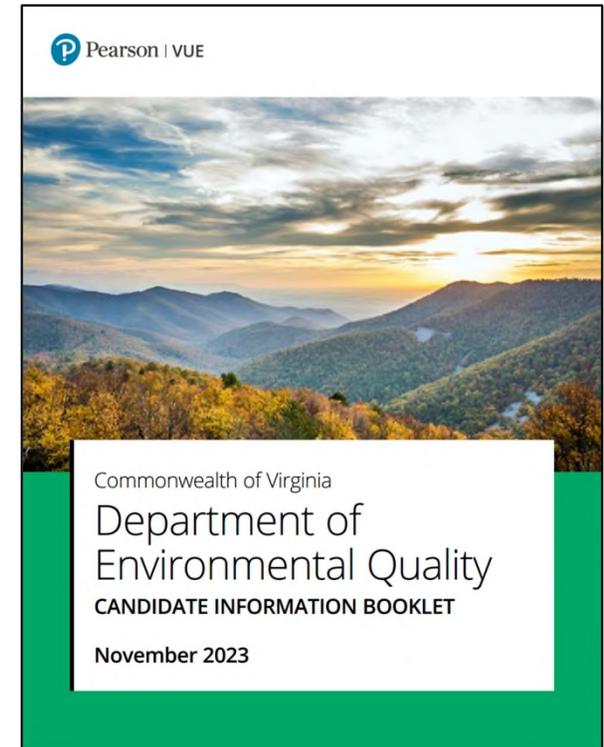
FEATURED TOPICS

- Introduction
- Design Specifications for Construction BMPs
- Design Specifications for Post-Construction BMPs
- Construction, Inspection, and Maintenance

HANDBOOK INFORMATION

# Course Materials – Pearson Vue Candidate Information Booklet

- Exam scheduling
- Testing center locations
- What to bring
- What NOT to bring
- Exam outlines
- Download from Pearson site:



- <https://home.pearsonvue.com/va/deq>

# Course Materials - May I make notes in my Participant Guide?

Yes! See the Allowed References, CIB p. 5

## ALLOWED REFERENCE MATERIALS



ALLOWED	NOT ALLOWED
Three 3-ring binders	Loose paper
Reference materials (see below)	Handwritten notes on separate paper
Dividers (any type)	Typed notes
Sticky tabs (used as dividers)	Practice quizzes
Handwritten notes on reference materials	Powerpoint presentations
Handwritten notes on dividers	
Handwritten headings on sticky tabs	
Highlighted reference materials	
Typed table of contents/ index (Created by candidate)	



# This class will help you:

- Prepare for your exam administered at a Pearson Vue Testing Center
- Train for your role as an ESC Inspector



# Agenda Day 1

8:30 – 9:00 Module 1 & 2 – Introduction

9:00 – 10:00 Module 3 – Law for Inspectors' Activity

*10:00 – 10:15 Break*

10:15 – 11:00 Module 4a/b – Plan Components & Min. Stds.

11:00 – 12:00 Exercise: Minimum Standards' Bingo

*12:00 – 1:00 Lunch*

1:00 – 1:45 Module 4c – Plan Reading Skills

1:45 – 2:30 Module 5a - Min. Stds. & Handbook Specifications

*2:30 – 2:45 Break*

2:45-4:30 Module 5b - Handbook Specifications

# Agenda Day 2

8:30 – 10:00 Module 5b – Handbook Structural Control Practices

*10:00 – 10:15 Break*

10:15 – 12:00 Site Inspection Exercise Part 1 and Structural Control Practices (cont.)

*12:00 – 1:00 Lunch*

1:00 – 2:30 Module 5c – Vegetative Control Practices

*2:30 – 2:45 Break*

2:45 – 4:30 Site Inspection Exercise Part 2

# Course Map

## ESC Certifications – Required courses

<b>Required courses and classes</b>		
	<b>Online Courses (contact hours)</b>	<b>Live Classes (contact hours)</b>
<b>Inspector</b>	<b>Module 1: Training/Certification ESC, SWM (0.5 hr.)</b>	<b>Inspector for ESC (12 hrs.)</b>
	<b>ESC: Managing Erosion (1.0 hr.)</b>	
	<b>ESC: Erosion Program Overview (1.5 hrs.)</b>	
	<b>ESC: Minimum Standards (1.0 hr.)</b>	

# QuickPoll

# Question

Which part of this course do you anticipate being the most challenging on the exam?

- a. Certification Requirements and Exam
- b. Fundamentals of Erosion
- c. Administering an Erosion Program
- d. Plan components and MS 1-18
- e. MS 19 and Handbook Specifications

# Course Goal

- VESCP/VESMP inspectors:
  - Inspect a construction site to determine compliance with the Laws and Regulation
    - Ensure proper construction, function, and maintenance of C-BMPs
    - Document inspections
    - Initiate enforcement action when needed
    - Ensure compliance to correct deficiencies or violations

# Module 1 Contents

## 1a. Virginia Erosion Program Overview

*Background and History in Managing Erosion Online Course*

## 1b. Training and Certification

*Module 1: Training and Certification for ESC and SWM Online Course*

# ESC Background

VESMA

- 2016 – Virginia Erosion and Stormwater Management Act
  - Effective July 1, 2024
  - Combined the ESC and SWM programs and laws
  - Required entities administering both programs to now administer a joint VESMP

# Programs' Laws and Reg

VESCP authorities: localities that only administer ESC programs will continue to operate under the *ESC Law* and *Part III of the VESM Regulation* (DEQ administers the stormwater requirements)

VESMP authorities: localities that administer both ESC and SWM programs will operate under *VESMA* and *Part II of the VESM Regulation*

# Stormwater Runoff



Always a Concern

# Questions?