

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

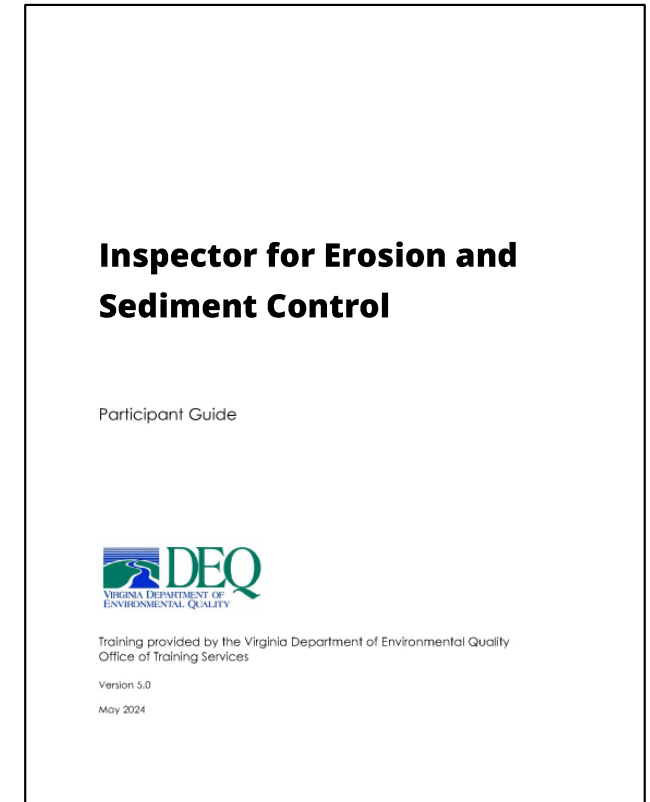
Department of Environmental Quality
Office of Training Services

Course Materials

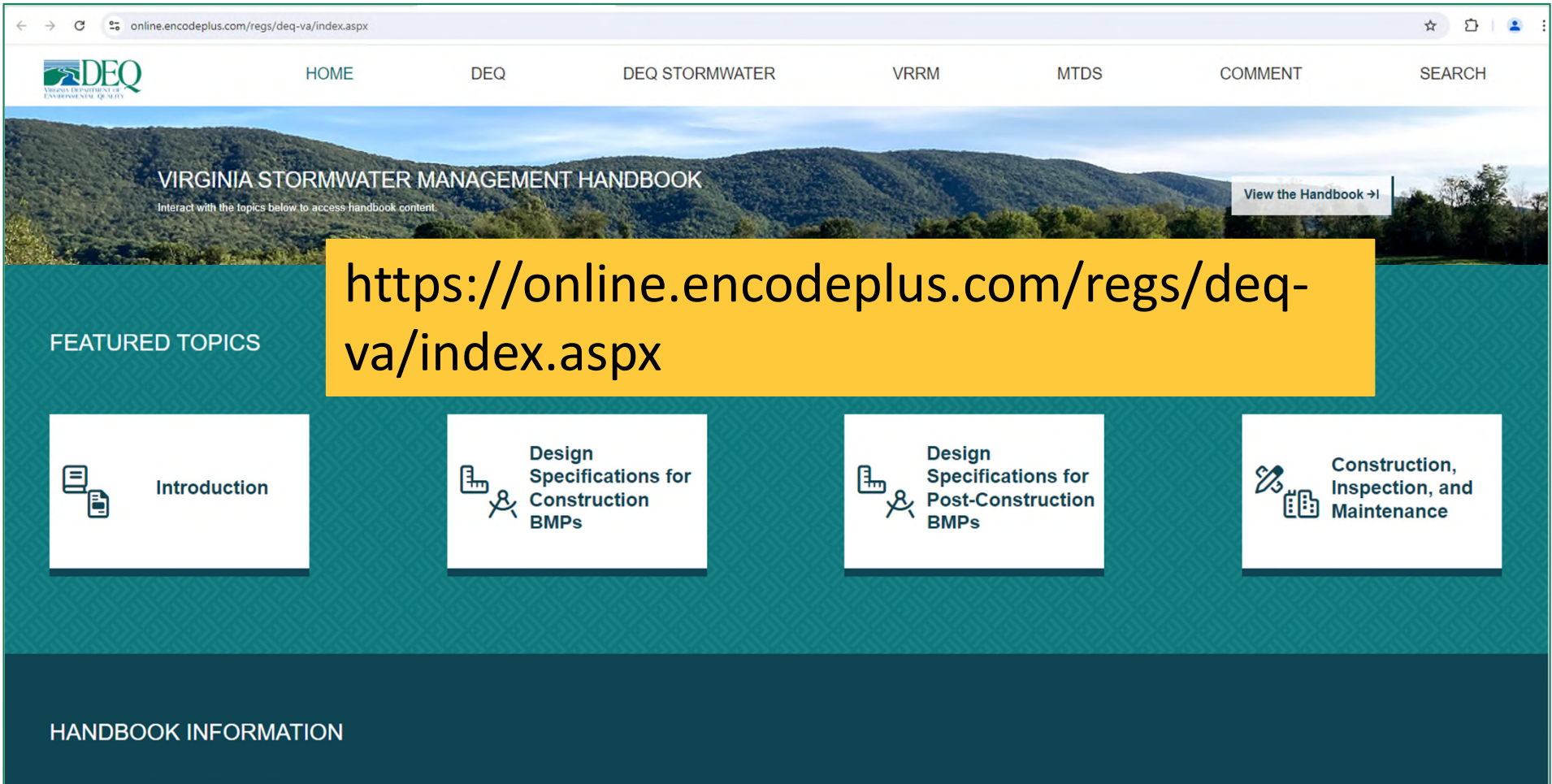
Participant Guide (PG) v5.0 and Virginia Stormwater Management Handbook Chapter 7

- 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



The screenshot shows the homepage of the Virginia Stormwater Management Handbook. The browser address bar displays online.encodeplus.com/regs/deq-va/index.aspx. The website header includes the DEQ logo and navigation links: HOME, DEQ, DEQ STORMWATER, VRRM, MTDS, COMMENT, and SEARCH. The main banner features a landscape image with the text "VIRGINIA STORMWATER MANAGEMENT HANDBOOK" and a "View the Handbook" button. A large yellow box overlays the page with the URL <https://online.encodeplus.com/regs/deq-va/index.aspx>. Below the banner, the "FEATURED TOPICS" section contains four white boxes with icons and text: "Introduction", "Design Specifications for Construction BMPs", "Design Specifications for Post-Construction BMPs", and "Construction, Inspection, and Maintenance". The bottom of the page has a dark teal section labeled "HANDBOOK INFORMATION".

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

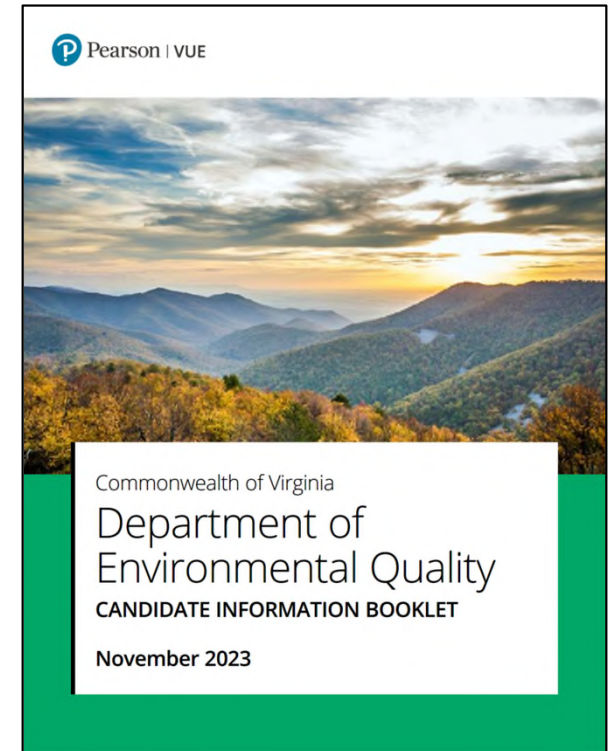
Design Specifications for Post-Construction BMPs

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, ClB 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

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

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?