

# 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**

# **Program Administrator for Erosion and Sediment Control**

Department of Environmental Quality  
Office of Training Services

# Course Materials

Participant Guide (PG) version  
5.0+ and ESC Law & Regs

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

**\*The PG and ESC Law & Regs are the only  
resources needed to take to Pearson-Vue for  
the ESC Program Administrator exam.**

## **Program Administrator for Erosion and Sediment Control**

Participant Guide



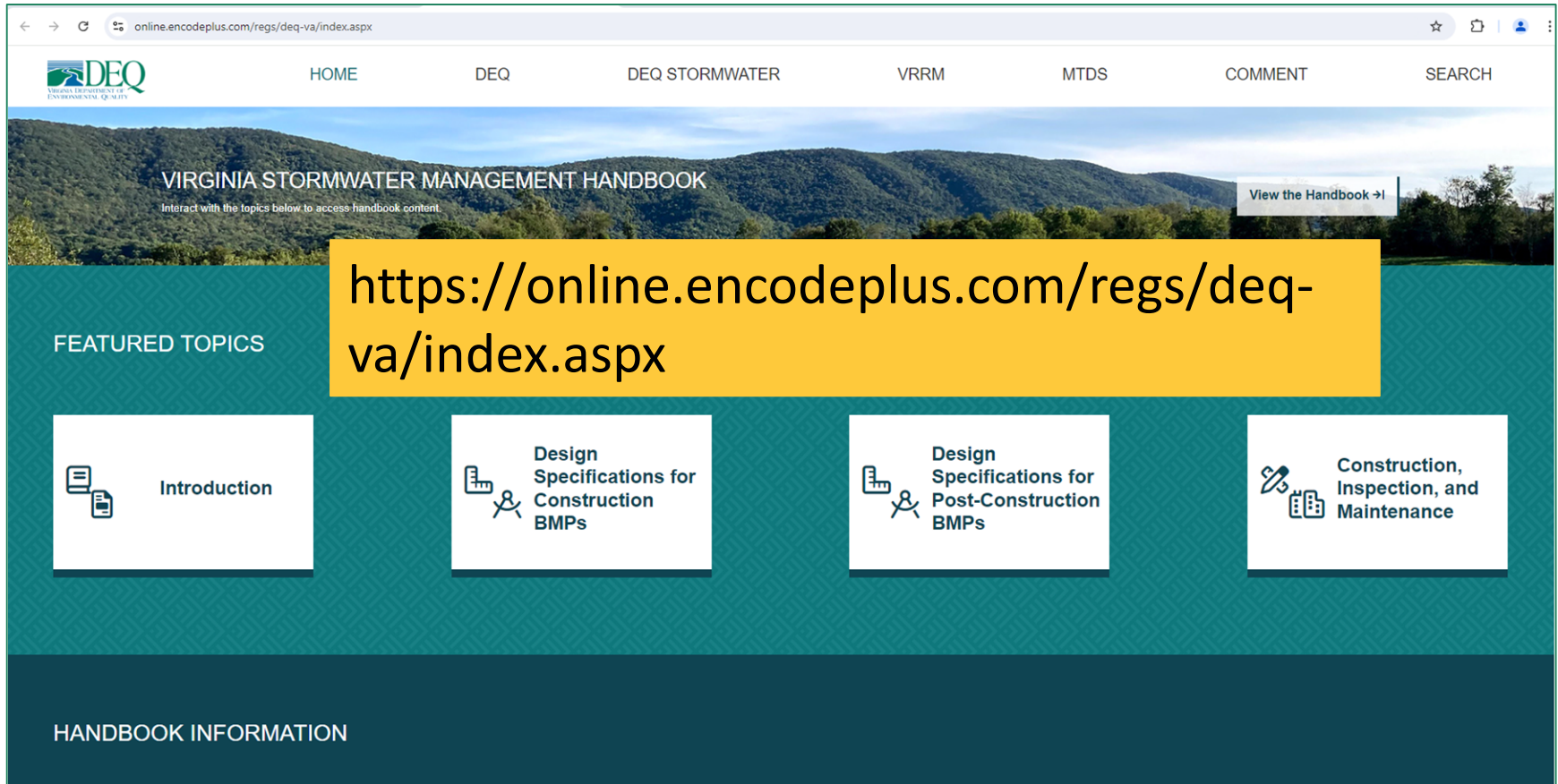
Training provided by the Virginia Department of Environmental Quality  
Office of Training Services

Version 5.0

May 2024



# The 2024 Virginia Stormwater Management Handbook - Online

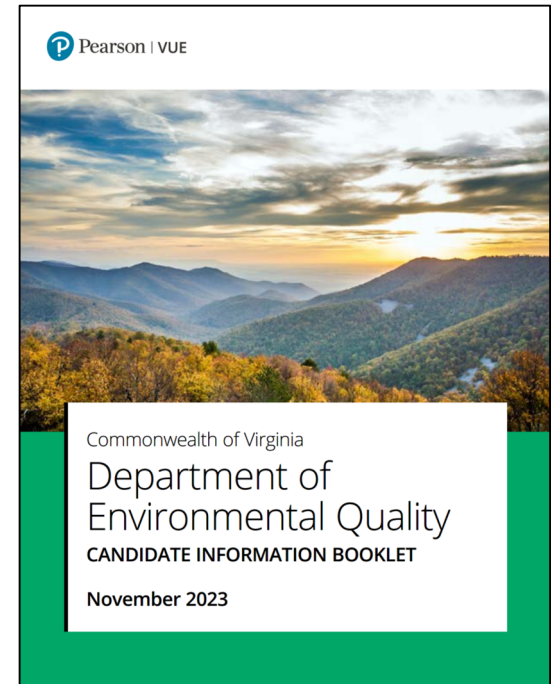


The screenshot shows the online portal for the Virginia Stormwater Management Handbook. The browser address bar displays the URL <https://online.encodeplus.com/regs/deq-va/index.aspx>. The page features a navigation bar with links to HOME, DEQ, DEQ STORMWATER, VRRM, MTDS, COMMENT, and SEARCH. The main header area includes the DEQ logo and the title "VIRGINIA STORMWATER MANAGEMENT HANDBOOK" with a "View the Handbook" button. Below this, a yellow banner displays the URL <https://online.encodeplus.com/regs/deq-va/index.aspx>. 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 section is labeled "HANDBOOK INFORMATION".

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

# Course Materials – Pearson Vue Candidate Information Booklet

- Exam scheduling
- Testing center locations
- What to and NOT to bring
- Exam outlines
- Attached to this webinar



- <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 (pg. 13)
- Train for your role as an ESC Program Adm.



# This class requires:



- Your undivided attention for the duration of this course (more or less)
- Participation in QuickPolls and Q&A sessions (we'll be watching!!)
- Ask questions!!
- Completion of a survey after the class.





# Agenda

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

9:00 – 10:00    Module 3 – Admin. an Erosion Program Activity

*10:00 – 10:15 Break*

10:15-11:15    Module 4 – ESC Plan Components: Elements and  
MS Review, and Handbook Specs.

11:15-12:00    Minimum Standard Speed Round

# Course Map

## ESC Certifications – Required courses

Required courses and classes		
Program Administrator	Online Courses (contact hours)	Live Classes (contact hours)
	Module 1: Training/Certification ESC, SWM (0.5 hr.)	PA - ESC (3.5 hrs.)
	ESC: Managing Erosion (1.0 hr.)	
	ESC: Erosion Program Overview (1.5 hrs.)	
	ESC: Minimum Standards (1.0 hr.)	

# Accessing *Completed* Online Courses on ELMS

- **Scenario 1: User completed equivalent version previously**
  - Search for the course name (not the package of courses)
  - Click the “drop-down arrow” next to request
  - Select “Launch”

ONLINE CLASS

SWM: **Managing Runoff**

Completed Equivalent

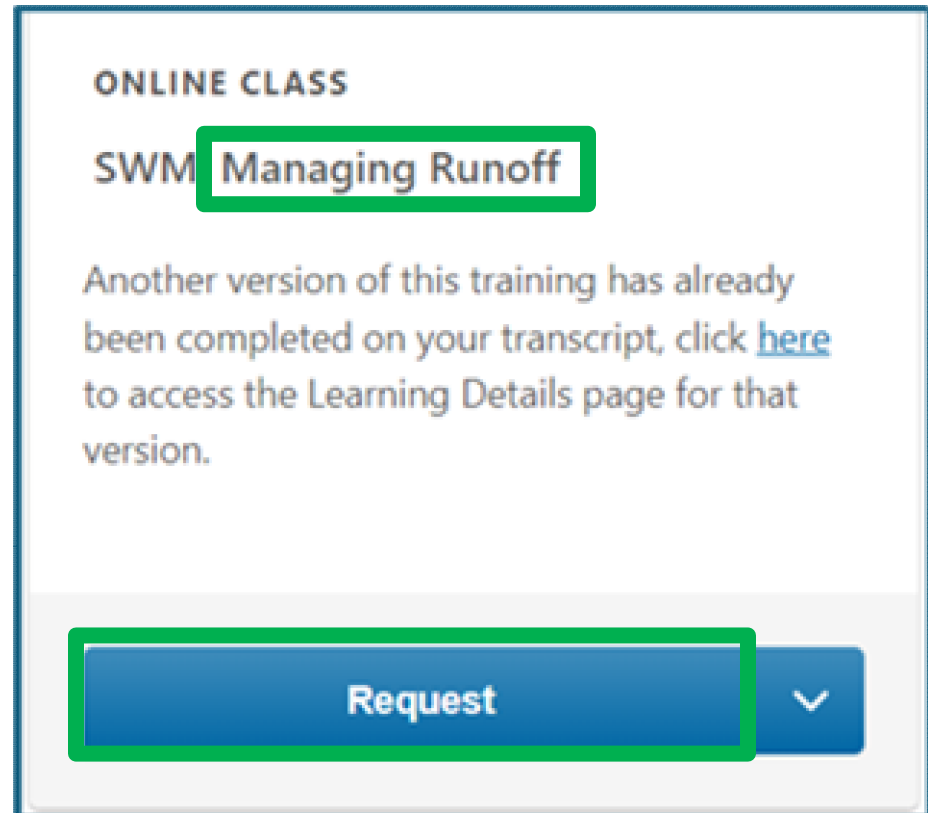
Training was recorded to [your transcript](#) as complete, because an equivalent training was completed.

Request

The screenshot shows a user interface for an online class. At the top, it says 'ONLINE CLASS'. Below that, the course name 'SWM: Managing Runoff' is displayed, with 'Managing Runoff' highlighted in a green box. Underneath the course name is a green pill-shaped button that says 'Completed Equivalent'. A message follows: 'Training was recorded to [your transcript](#) as complete, because an equivalent training was completed.' At the bottom, there is a blue button labeled 'Request' and a green box containing a white downward-pointing arrow, indicating a drop-down menu.

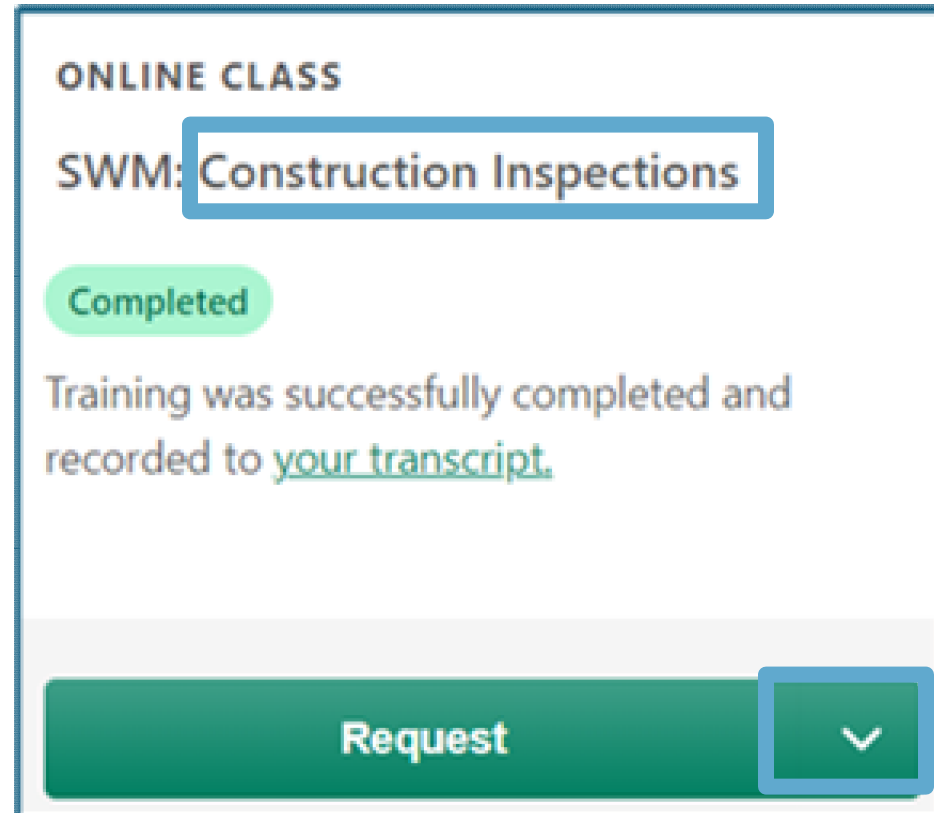
# Accessing *Completed* Online Courses on ELMS

- **Scenario 1: User completed equivalent version previously**
  - Search for the course name (not the package of courses)
  - If you do not see the previous green “Completed Equivalent”, click Request
  - Click the “drop-down arrow” next to request
  - Select “Launch”



# Accessing *Completed* Online Courses on ELMS

- **Scenario 2: User has completed new version**
  - Search for the course directly
  - Click the “drop-down arrow” next to Request
  - Select “Launch”
  - Click “Resume” – course will be completed so users can freely navigate it to review content.



ONLINE CLASS

SWM: Construction Inspections

Completed

Training was successfully completed and recorded to [your transcript](#).

Request

▼

# Quickpoll

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. ESC plan components and MS 1-18
- e. MS 19 and Handbook Specifications

# Course Goal

- Provide knowledge and tools to effectively implement an erosion program within the requirements of the Virginia Erosion Sediment Control Law (ESC Law), Virginia Erosion Stormwater Management Act (VESMA) and Regulations
- Ensure health, safety, and welfare of Virginia's citizens and waters



# Module 1 Contents

## 1a. Virginia Erosion Program Overview

*Background and History in Managing Erosion Online Course*

## 1b. Training and Certification – *Online Course*

# ESC Background

VESMA

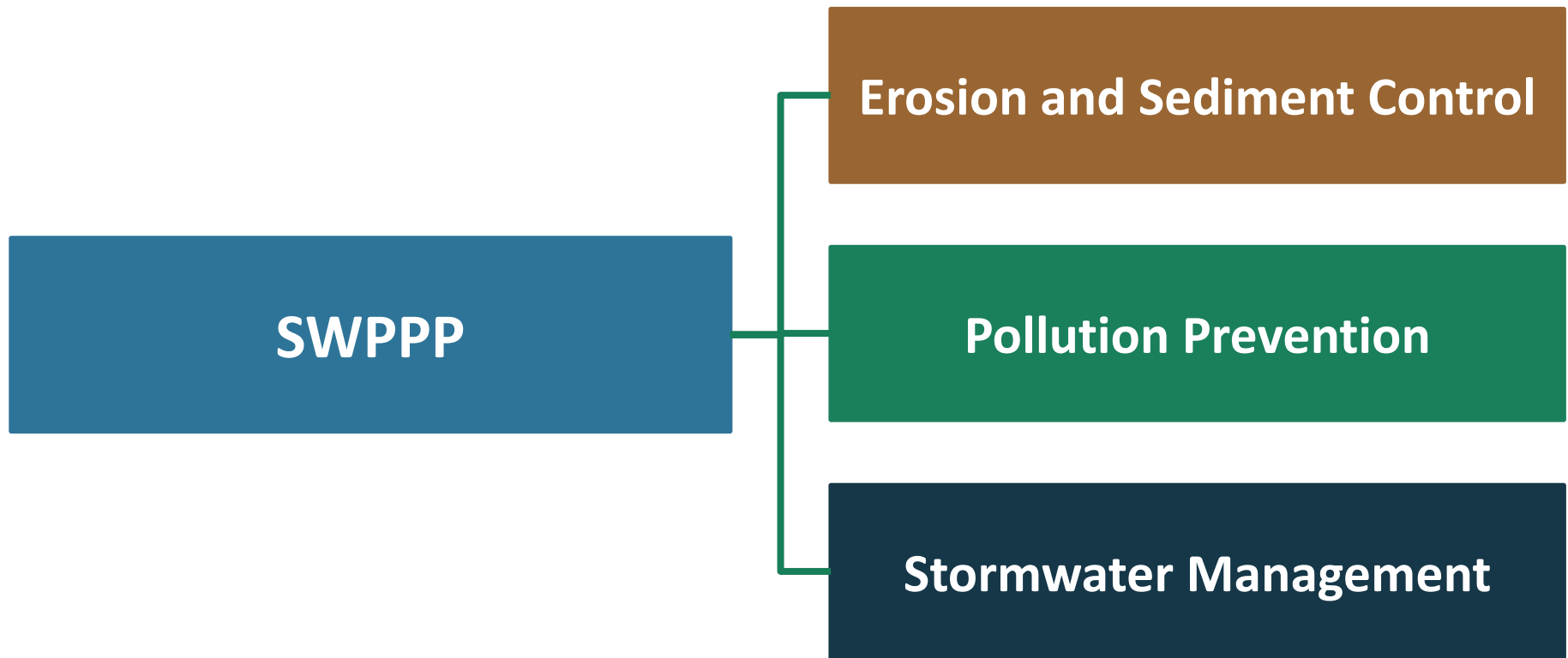
- 2016 – Virginia Erosion and Stormwater Management Act
  - Effective July 1, 2024
  - Combined the ESC and SWM programs and laws
  - Required entities administering both programs to now administer a joint VESMP

# 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 Pollution Prevention Plan



# Stormwater Runoff



Always a Concern

# Module 1b.

Training and Certification – *Online Course*

# QuickPoll

Who has to be certified?

- a. Program authority staff
- b. Those contracted by authorities for ESC roles
- c. Annual Standards and Specs. Staff
- d. All of the above



# Q&A



Program history  
& overview



Certification



Exam



Recertification