

# 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**



# Module 4

## ESC Plan Components

# Module 4 Contents

4a. ESC Plan Elements

4b. Minimum Standards

# Module 4a.

## Erosion and Sediment Control Plan Elements

# ESC Plans

- Show how to develop the site and the phasing of construction
- Should be separate from the building construction drawings
- Consists of two parts:

# ESC Plans



- Narrative – written out project description
- Illustrative – shows the project development drawn out on map sheets

# Module 4b.

## Minimum Standards *Online Course*

# Minimum Standards - Groupings

- Erosion control and soil stabilization  
MS-1, 2, 3, 5



- Sediment control  
MS-4, 6



- Slope protection  
MS-7, 8, 9





# Minimum Standards - Groupings

- Channels, culverts, and outlets  
MS-10, 11



- Watercourses  
MS-12, 13, 14, 15



- Underground utilities  
MS-16



# Minimum Standards - Groupings

- Construction entrances  
MS-17



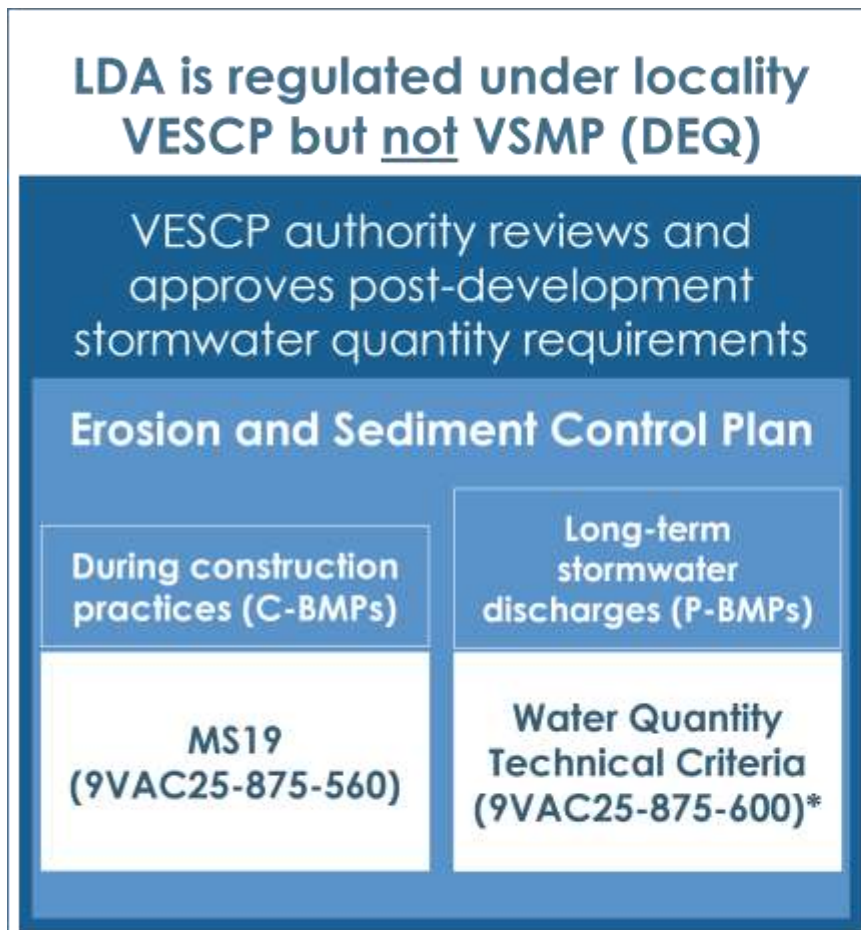
- Project completion  
MS-18



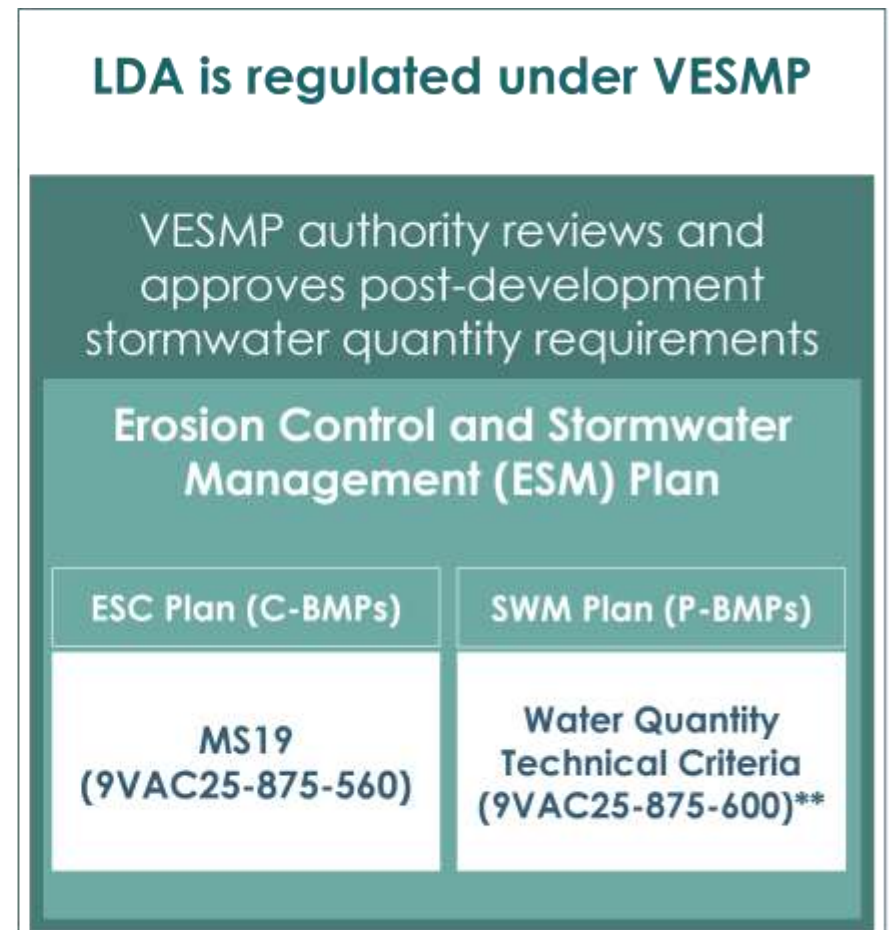
- Water quantity  
stormwater management  
MS-19



# Post-development Channel & Flood Protection



\*Unless §62.1-44.15:55.F applies



\*\*Unless 9VAC25-875-490 or §62.1-44.15:34.F-G apply

# As a Program Administrator...



It is important to understand that the approved ESC plan may include channel or pipe/pipe system improvements. Stormwater detention practices may also be on the approved plan for compliance with post-development stormwater management criteria.

# As a Program Administrator...



You may need to consult with the appropriate erosion program staff to investigate and document any problems that are detected and ensure that all requirements concerning downstream impacts have been met.

# Q&A



4a - ESC Plan  
Elements



4b - Minimum  
Standards