

Plan Reviewer for Erosion and Sediment Control

Participant Guide



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

Version 5.0

June 2024

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Course Goal

Provide participants with the knowledge and tools needed to effectively implement an VESCP or a VESMP consistently with the regulatory requirements of the Erosion and Sediment Control Law for VESCPs (ESCL) or the Virginia Erosion and Stormwater Management Act (VESMA) and Virginia Erosion and Stormwater (VESM) Regulation and to ensure the general health, safety, and welfare of the citizens of Virginia, as well as provide protection for state waters.

This course is designed to provide participants with the basic knowledge and tools needed to operate a plan review program for compliance of regulated land-disturbing activities (LDAs).

After completing this training, the participant will be able to:

- Conduct and document erosion and sediment control plan reviews for regulated LDAs in accordance with the requirements of the ESCL or VESMA, and the VESM Regulation.
- Identify and examine Construction Best Management Practices (C-BMPs) from the Virginia Stormwater Management Handbook (VSWHB) used for design, planning, and construction.
- Evaluate plans for compliance with the flow rate capacity and velocity requirements in accordance the VESM Regulation and the ESCL or VESMA.

Participant Expectations

- Use the training materials as you like. This participant guide is prepared for your use and can be used as a reference during the Plan Reviewer certification examination.
- Example problems are provided throughout the materials to help you practice utilizing what you have learned through these course materials.

Acronyms

ac.: Acre

BMP: Best management practice

CATS: Certification Accreditation Tracking System

C-BMP: Construction Best Management Practice

CBPA: Chesapeake Bay Preservation Act

CGP or Construction GP: Construction General Permit; General VPDES permit for the discharges of stormwater from construction activities

CWP: Center for Watershed Protection

DEQ: Virginia Department of Environmental Quality

ESC: Erosion and sediment control

ESD or SD: Environmental Site Design: Stormwater Site Design

ESM: Soil Erosion Control and Stormwater Management (Plan)

HUC: Hydrologic unit code

lbs.: Pounds

LDA: Land-disturbing activity

MS4: Municipal Separate Storm Sewer System

O&M: Operation and maintenance

P2 plan: Pollution prevention plan

P-BMP: Post-Construction Best Management Practice

PCB: Polychlorinated Biphenyl

RLD: Responsible land disturber

SWM: Stormwater management

SWPPP: Stormwater pollution prevention plan

TMDL: Total maximum daily load

VESCP: Virginia Erosion and Sediment Control Program

VESMA: Virginia Erosion and Stormwater Management Act

VESMP: Virginia Erosion and Stormwater Management Program

VPDES: Virginia Pollutant Discharge Elimination System

VRRM: Virginia Runoff Reduction Method

VSMP: Virginia Stormwater Management Program

VSWHB: Virginia Stormwater Management Handbook