

Inspector for Stormwater Management

Participant Guide



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

Version 3.2

Table of Contents

Acronyms.....	
Introduction to the Virginia Stormwater Management Program (VSMP)	Module 1
Basic Stormwater Principles.....	Module 2
Overview of the Virginia Stormwater Management Program (VSMP)	Module 3
Construction Inspection Strategies	Module 4
Common BMP Construction Inspection Points	Module 5
Construction Inspections of 15 Non-Proprietary BMPs	Module 6
Post-Construction Inspections of 15 Non-Proprietary BMPs	Module 7
Law and Regulations	
Virginia BMP Design Specifications.....	

Agenda

Day 1

8:30 – 10:00	Module 1 – Introduction to the Virginia Stormwater Management Program (VSMP)
10:00 – 10:15	Break
10:15 – 11:00	Module 2 - Basic Stormwater Principles
11:00 – 12:00	Module 3 – Overview of the Virginia Stormwater Management Program
12:00 – 1:00	Lunch
1:00 – 2:00	Module 3 - Continued
2:00 – 2:15	Break
2:15 – 4:00	Module 4 – Construction Inspection Strategies

Day 2

8:30 – 9:00	Module 4 - Exercise
9:00 – 9:45	Module 5 – Common BMP Construction Inspection Points
9:45 – 10:00	Break
10:00 – 12:00	Module 6 – Construction Inspections of 15 Non-Proprietary BMPs
12:00 – 1:00	Lunch
1:00 – 2:00	Module 6 - Continued
2:00 – 2:15	Break
2:15 – 2:45	Module 6 Exercise
2:45 – 3:30	Module 7 – Post Construction Inspections of 15 Non-Proprietary BMPs
3:30 – 4:00	Module 7 Exercise

Acronyms

BMP: Best management practice

CATS: Certification Accreditation Tracking System - <https://apps.deq.virginia.gov/CATS/>

CBPA: Chesapeake Bay Preservation Act

CWP: Center for Watershed Protection

DEQ: Virginia Department of Environmental Quality

ESC: Erosion and sediment control

ESD: Environmental Site Design

GP or Construction GP: Construction General Permit

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

Regulated LDA: Regulated land-disturbing activity

RLD: Responsible land disturber

SWM: Stormwater management

SWPPP: Stormwater pollution prevention plan

TMDL: Total maximum daily load

VESCP: Virginia Erosion and Sediment Control Program

VPDES: Virginia Pollutant Discharge Elimination System

VRRM: Virginia Runoff Reduction Method

VSMA: Virginia Stormwater Management Act

VSMP: Virginia Stormwater Management Program

Course Goal

VSMP inspectors will be able to:

- Inspect a construction site to determine compliance with the Stormwater Management Act and Regulations by identifying common indicators of compliance with the approved ESC plan and SWM plan, looking for the development, updating and implementation of a pollution prevention plan and any additional control measures to address a TMDL, and communicating inspection findings with the responsible party.
- Inspect a stormwater management facility after construction to determine whether the facility is being adequately maintained by identifying common indicators of properly functioning facilities and communicating findings with the responsible party.