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## **Module 6: Pollution Prevention Plans and SWPPP Overview**



# Overview

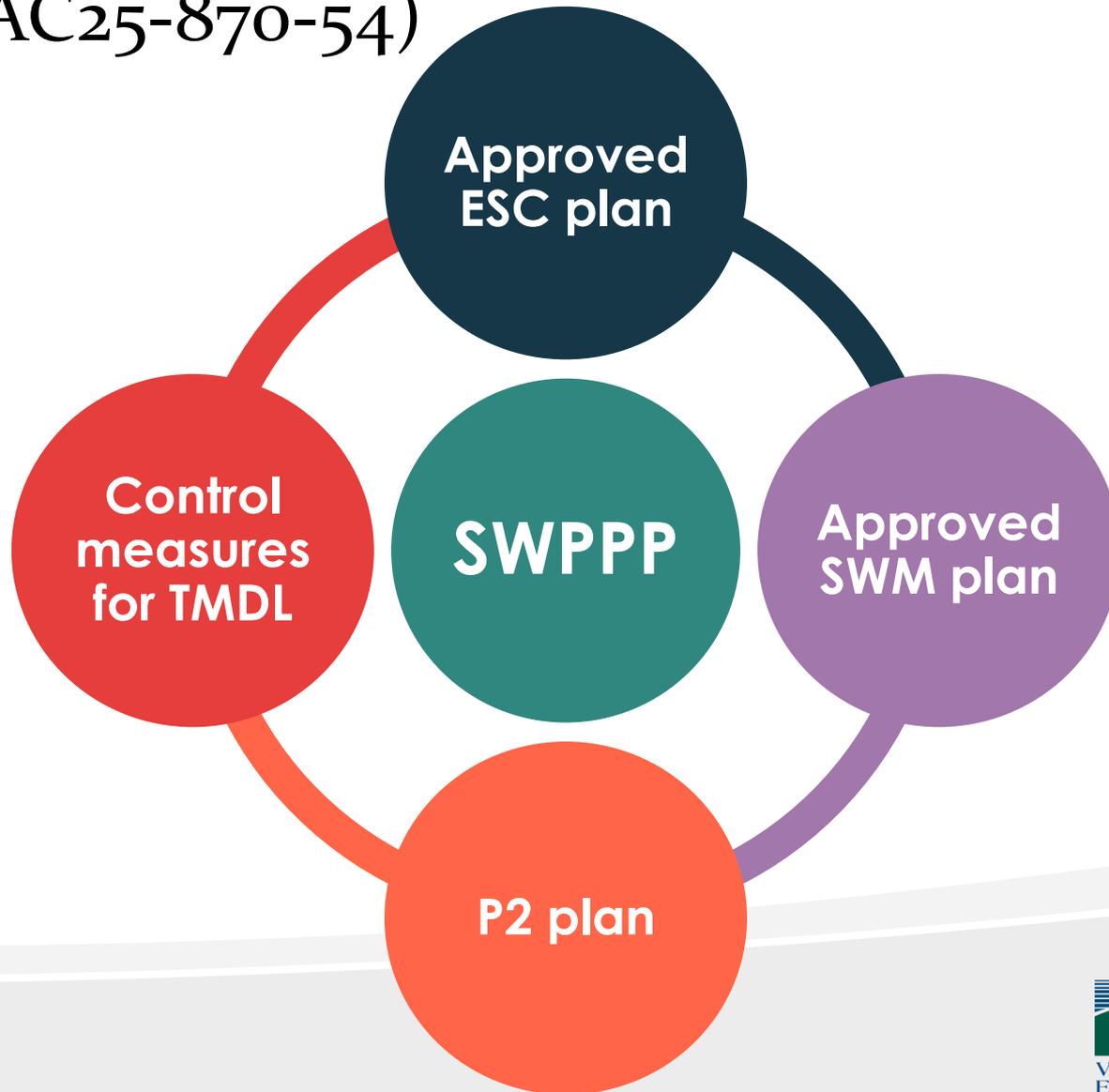
- Stormwater Pollution Prevention Plan (SWPPP)
- Construction General Permit
- Pollution Prevention (P2) Plan



**Review Participant Guide!!**

# SWPPP

(9VAC25-870-54)





# SWPPP

- The SWPPP shall be developed prior to the submission of a registration statement
- The SWPPP must be implemented
- SWPPP requirements may be fulfilled reference to other plans
- Plans incorporated by reference become enforceable



# SWPPP

- The Construction GP further defines the contents of a SWPPP
- SWPPP contents included in in Participants Guide (pages 6 to 8)

**U.S. EPA guidance on effective SWPPPs:**  
<http://cfpub.epa.gov/npdes/stormwater/swppp.cfm>



# SWPPP - Grandfathering

- No grandfathering for SWPPP or Pollution Prevention (P2) requirements
- Existing projects must update SWPPP to address requirements effective on July 1, 2014
- Projects with continued permit coverage have 60 days from date of continued coverage to update SWPPP



# Erosion and Sediment Control Plan

Stormwater  
volume and  
velocity

Stormwater  
discharges

Soil exposure

Steep slopes

Sediment  
discharges

Natural buffers  
and vegetated  
areas

Soil  
compaction  
and topsoil

Stabilization

Outlet  
structures

# 9 Performance Requirements

**Implement:  
ESC MS 1-19  
(9VAC25-840-40)**

**Approved  
ESC plan**

**ESC Stds  
& Specs  
(VESC HB)**

**Environmental  
Site Design  
principles**

# Cross-Ref: Stds, Specs, Design Principles

Table 6-1

<b>Requirement</b>	<b>Existing Stds, Specs, Design Principles</b>
<p>1. Control stormwater volume and velocity within site</p>	<ul style="list-style-type: none"> <li>●MS 10 &amp; 19</li> <li>●ESD Principles 6 &amp; 7</li> </ul>
<p>2. Control stormwater discharges at outlets</p>	<ul style="list-style-type: none"> <li>●MS 10 &amp; 19</li> <li>●ESD Principles 6</li> </ul>



# SWPPP

- Contents
- Amendments, modifications, updates
- Public Notification
- Availability



**Review Participant Guide!!**



# VPDES Construction General Permit

- Permit term: July 1, 2014 to June 30, 2019
- Construction GP contained with Construction GP Regulation (9VAC25-880 *et al.*)



**Review Construction General Permit Regulation!!**



# Authorized Discharges under the CGP

- **Stormwater associated with construction activities**
- **Stormwater discharges from specific support activities on-site or off-site**
  - Concrete or asphalt batch plants
  - Equipment staging yards
  - Material storage areas
  - Excavated material disposal areas
  - Borrow areas

 **Must be identified on registration statement**



# Limitations on Discharges

Discharges not Authorized by GP:

- **Post-construction discharges**
- Discharges mixed with **nonstormwater**
- Discharges covered by **another state permit**
- **Impaired waters and TMDL limitation:**
  - Discharges to surface waters identified as impaired or for which TMDL wasteload allocation (WLA) exists
  - Unless SWPPP consistent with approved TMDL WLA

# Pollution Prevention Plans (P2Plan) (9VAC25-870-56)

Minimize:



# Pollution Prevention Plans (P2Plan) (9VAC25-870-56)

## Prohibited Nonstormwater Discharges:





# Pollution Prevention (P2) Plan

- P2 plan must include **effective** pollution prevention measures :
  - design
  - installation
  - Implementation
  - Maintenance



**Review Participant Guide!!**

# Questions?

