



# COMMONWEALTH of VIRGINIA

## DEPARTMENT OF TRANSPORTATION

1401 EAST BROAD STREET  
RICHMOND, VIRGINIA 23219-2000

**Date:** May 26, 2017 (revised June 2, 2017)

**To:** Virginia Design, Construction and Maintenance Communities;  
VDOT Location & Design, R/W and Utilities, Construction, Materials, and Local Assistance

**From:** Jeff Bragdon, P.E. – State Hydraulics and Utilities Engineer – L&D  
VDOT, 1401 East Broad Street, Richmond, VA 23219

**Subject:** Review and Approval Requirements of ESC and SWM Plans on VDOT Projects

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This memorandum shall apply to all VDOT regulated land-disturbing activities (RLDA) that require the development and approval of an Erosion & Sediment Control (ESC) Plan and/or a Stormwater Management (SWM) Plan. VDOT RLDA's include both construction and maintenance, administered by VDOT and performed either by its internal workforce or contracted to external entities, including those developed/constructed under the Design/Bid/Build (D/B/B) Program, Public/Private Transportation Act (PPTA), the Design/Build (D/B) Program and the Capital Outlay Program.

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An ESC Plan Reviewer is defined as a VDOT employee or agent who holds a Certificate of Competency from the SWCB in the classification of "Plan Reviewer" in the area of ESC. The VESCL requires that an Erosion and Sediment Control Plan shall be reviewed and approved by a certified ESC Plan Reviewer. Note: Holders of certain professional licenses by those individuals having knowledge and have practiced ESC in Virginia are deemed certified as an ESC Plan Reviewer, including Architects, Professional Engineers, Land Surveyors, Landscape Architects, and Certified Professional Soil Scientists.

A SWM Plan Reviewer means a VDOT employee or agent who holds a certificate issued by the SWCB demonstrating competency in the area of plan review for SWM. The VSMA requires that every SWM Plan be reviewed and approved by a SWM Plan Reviewer. Unlike the ESC Plan Reviewer Certification, holding a professional license issued in Virginia is not equivalent to certification as a SWM Plan Reviewer.

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The following shall be the Implementation Plan for review and approval requirements for Erosion & Sediment Control (ESC) Plans and Stormwater Management (SWM) Plans on VDOT Projects, effective immediately:

#### Scenario 1

For projects that have completed Pre-Advertisement Conference (PAC) prior to 07/01/17, the District Drainage Engineer (DDE) shall ensure that both the ESC Plan and post-construction SWM Plan are reviewed and approved by a person appropriately certified through DEQ's SWM and/or ESC Plan Reviewer Certification Program. The form LD-445C shall be used to certify the plan review and approval process.

#### Scenario 2

Projects that have not completed Pre-Advertisement Conference (PAC) prior to 07/01/17, the District Drainage Engineer (DDE) shall ensure that both the ESC Plan and post-construction SWM Plan are reviewed and approved by a person appropriately certified through DEQ's SWM and/or ESC Plan Reviewer Certification Program. The Plan Reviewer shall be independent and separate from the design firm/unit that developed the ESC and/or SWM Plan. The form LD- 445C shall be used to certify the plan review and approval process.

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For D/B/B and PPTA projects, identification of the independent Plan Reviewer shall be the responsibility of the District Drainage Engineer (DDE). The DDE can utilize VDOT employees, on-call consultants, or other resources, as necessary. Note: This does not preclude the use of a consultant Plan Reviewer within the same firm/design team that developed the plan, but the Plan Reviewer must be separate from the individual(s) responsible for the development, signing and sealing of the ESC and SWM Plans.

For Capital Outlay projects, identification of the independent Plan Reviewer shall be the responsibility of the Capital Outlay Project Manager (PM). The PM can utilize VDOT employees, on-call consultants, or other resources, as necessary.

For D/B projects, identification of the independent Plan Reviewer shall be the responsibility of the D/B team, so long as the Plan Reviewer is in a Quality Assurance role and not the individual(s) responsible for the development, signing and sealing of the ESC and SWM Plans.

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IIM-LD-242 and the LD-445 form series are being revised to reflect this requirement.

VIRGINIA DEPARTMENT OF TRANSPORTATION  
LOCATION AND DESIGN

EROSION AND SEDIMENT CONTROL (ESC) AND STORMWATER MANAGEMENT  
(SWM) CERTIFICATION FORM

This form serves to ensure that a project specific ESC Plan and SWM Plan has been designed/prepared, and independently reviewed/approved in accordance with the Virginia Department of Transportation's approved ESC & SWM Standards and Specifications.

To: Project Manager \_\_\_\_\_

From: ESC & SWM Plan Designer \_\_\_\_\_

District: Drop down Selection \_\_\_\_\_ Residency: \_\_\_\_\_

UPC Number: \_\_\_\_\_ VDOT Project Number: \_\_\_\_\_

This bottom portion of this form shall be completed by an independent Plan Reviewer and submitted to the ESC/SWM Plan Designer. The ESC & SWM Plan Designer shall forward this completed form to the Project Manager (identified above) for use in completing the application for a VPDES Construction Permit (if applicable).

ESC Plan Reviewer*	
I have reviewed and approved the ESC Plan for the project listed above in accordance with the VDOT's approved ESC Standards and Specifications.	
Signature: _____	Printed Name: _____
DEQ Certification # or VA P.E. #: _____	Date: _____

\*DEQ Certified Plan Reviewer for ESC or Professional Engineer, Land Surveyor, Landscape Architect or Architect with expertise in the field of ESC.

SWM Plan Reviewer**	
I have reviewed and approved the SWM Plan for the project listed above in accordance with the VDOT's approved SWM Standards and Specifications.	
Signature: _____	Printed Name: _____
DEQ Certification #: _____	Date: _____

\*\* VA PE, LS, LA or Architect are not eligible to sign.