

3rd Party Construction Inspection Checklist and Certification: Sheet Flow to a Vegetated Filter Strip or Conserved Open Space

DEQ Spec. No. 2 & PFM 6-1313

Project Name: _____ Construction Firm: _____
 Co. Plan Number: _____ 3rd Party Inspection Firm: _____
 Site Address: _____ 3rd Party Inspector's Name: _____
 Latitude / Longitude: _____°N _____°W Contact Info / Phone Number: _____
 BMP ID Number as shown on plan and general location on the site: _____

A certification is required for all SWM/BMP facilities under PFM 6-1300 et. seq.

- A Virginia licensed professional engineer or licensed professional meeting the exemption requirements of the Code of Virginia §54.1-401 must sign the certification at the end of this checklist.

Instructions:

- Check each item as complete, or write in "N/A" for those items that are not applicable.
- Fill in blanks for requested information on dimensions, materials, etc.
- Provide one or more photos for applicable items; checkboxes indicate items that require photos.

Pre-Installation Meeting and Site Preparation

CHECK	PHOTO	DESCRIPTION	DATE OF INSPECTION / COMMENTS
<input type="checkbox"/>		Pre-Installation Meeting with - contractor designated to install the facility - 3rd party inspector (or designee) A review of checklist and tentative schedule for interim inspections and sign-offs has been discussed	
<input type="checkbox"/>		Conserved open space / filter strip area protected from construction traffic via adequate signage/fencing, and is in good condition (undisturbed, except for required maintenance).	
<input type="checkbox"/>	<input type="checkbox"/>	Conserved open space area / filter strip protected from construction runoff and sediment per the approved plan.	

Installation

CHECK	PHOTO	DESCRIPTION	DATE OF INSPECTION / COMMENTS
<input type="checkbox"/>		Horizontal location of BMP is in accordance with the approved plans.	
<input type="checkbox"/>		Underground pipes and conduits do not cross the vegetated filter strip.	
<input type="checkbox"/>		Max. flow length of 150 Ft. from adjacent pervious areas.	
<input type="checkbox"/>		Max. flow length of 75 Ft. from adjacent impervious areas.	
<input type="checkbox"/>		Construction of engineered level spreader for concentrated inflow, gravel diaphragm, or other pretreatment measure for sheet flow completed with area stabilized as needed.	
<input type="checkbox"/>	<input type="checkbox"/>	Engineered level spreader includes bypass structure to divert larger storm event runoff around vegetated filter strip per approved plans.	
<input type="checkbox"/>	<input type="checkbox"/>	Engineered level spreader includes pretreatment structure (forebay, gravel diaphragm, etc.) per approved plans.	
<input type="checkbox"/>		Testing of previously disturbed soils per PFM 6-1313-4C has been done.	
<input type="checkbox"/>		Subsoiling and soil amendments in all previously disturbed soils (when required) is per approved plans.	
<input type="checkbox"/>		Verify depth of amended soil and scarification per approved plans. Depth _____ inches Scarification? Yes No	
<input type="checkbox"/>		Any light grading required to establish upper boundary for conserved open space performed with light equipment/minimal impact to existing vegetation.	
<input type="checkbox"/>	<input type="checkbox"/>	Stormwater runoff directed into conserved open space / filter strip after the contributing drainage area has been stabilized.	
<input type="checkbox"/>	<input type="checkbox"/>	Provide a photo of the BMP facility after completion of construction.	

Final Certification

I do hereby certify that this as-built information for the stormwater management/BMP facility was inspected by me (or by an individual under my responsible charge) and conforms to the approved plans, except as indicated.

Signature: _____

Date: _____

License Number (Seal): _____

("Certify" means to state or declare a professional opinion based on sufficient and appropriate onsite inspections and material tests conducted during construction)