

3rd Party Construction Inspection Checklist and Certification: Filtering Manufactured Devices DEQ Clearinghouse & PFM 6-1321

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.

Filtering Manufactured Device

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"/>	<input type="checkbox"/>	MTD Manufacturer: _____ MTD Name / Model: _____	
<input type="checkbox"/>		Pervious areas within contributing drainage area are fully stabilized with appropriate vegetation prior to the installation of any filter media.	
<input type="checkbox"/>		Impervious cover constructed, free of construction equipment, material storage, etc. prior to the installation of any filter media.	
<input type="checkbox"/>	<input type="checkbox"/>	Stormwater runoff has been temporarily diverted around BMP during the construction. Note: Filter chambers may be installed with the storm drainage system but no internal components are to be installed until site is stabilized and chamber is flushed.	
<input type="checkbox"/>	<input type="checkbox"/>	Filter area and depth is in accordance with approved plans and manufacturer's specifications for filter chambers and/or filter beds.	
<input type="checkbox"/>	<input type="checkbox"/>	Cartridge filter systems have proper number of filters per approved plan and inserted in chamber (date of installation)	
<input type="checkbox"/>	<input type="checkbox"/>	For Filterra units, the number of trees and the media material meet the specifications in the approved plan.	
<input type="checkbox"/>	<input type="checkbox"/>	For Stormtech Isolator Row: Verify 2 layers of woven geotech fabric underlie one of the arched rows with maintenance access.	
<input type="checkbox"/>	<input type="checkbox"/>	StormTank Module Debris Row: Verify that the 12" of geotech fabric is installed per plan and that the number of side panels matches the design on the approved plan.	
<input type="checkbox"/>	<input type="checkbox"/>	Pretreatment: Type of pretreatment device: _____ Material: _____ Diameter or length/width: _____ Invert-in elev. _____ Invert out elev. _____ Connection to BMP structure is in accordance with manufacturer's specification, type of connection: _____	
<input type="checkbox"/>		Inflow pipe: Material: _____ Diameter: _____ in. Invert-in elev. _____ Connection to BMP structure is in accordance with manufacturer's specification, type of connection: _____	
<input type="checkbox"/>		Overflow Bypass: Type of overflow bypass: _____ Diameter: _____ in. Invert-in elev. _____ Invert-out elevation: _____	
<input type="checkbox"/>	<input type="checkbox"/>	Provide photo of installed BMP before placement of backfill	

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)