

3rd Party Construction Inspection Checklist and Certification: Constructed Wetlands DEQ Spec. No. 13 & PFM 6-1318

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"/>		Impervious cover constructed, free of equipment.	
<input type="checkbox"/>		Pervious areas stabilized with adequate vegetation.	
<input type="checkbox"/>	<input type="checkbox"/>	Stormwater diverted around the area of the constructed wetland to a stabilized conveyance and perimeter E&S controls installed.	
<input type="checkbox"/>		If prior use of area was for sediment control (sediment basin/trap), it has been adequately stabilized to convert and construct the wetland.	

Excavation of Constructed Wetland Cells

CHECK	PHOTO	DESCRIPTION	DATE OF INSPECTION / COMMENTS
<input type="checkbox"/>		Horizontal location of BMP is in accordance with the approved plans.	
<input type="checkbox"/>	<input type="checkbox"/>	Construction of the embankment includes the following components, per approved plans: Core Trench? Yes No Riser/Barrel? Yes No Weir Overflow? Yes No Outlet Protection? Yes No Emergency Spillway Overflow? Yes No Other? Yes No	
<input type="checkbox"/>		Excavation of following internal micro-topographic features, per approved plans: Depth Zones? Yes No Aquatic Bench? Yes No Berms with Overflow Weirs? Yes No Other? Yes No	
<input type="checkbox"/>	<input type="checkbox"/>	Installation of pretreatment features, per approved plans: Forebays? Yes No Gravel Diaphragms? Yes No Energy Dissipaters? Yes No Other? Yes No	
<input type="checkbox"/>		Placement of wetland soils and amendments is per approved plans.	
<input type="checkbox"/>		Excavation has proper grades and grade transitions per approved plans.	

3rd Party Construction Inspection Checklist and Certification: Constructed Wetlands DEQ Spec. No. 13 & PFM 6-1318

Plant Installation and Stabilization

CHECK	PHOTO	DESCRIPTION	DATE OF INSPECTION / COMMENTS
<input type="checkbox"/>	<input type="checkbox"/>	Plant installation conforms to approved plans, and all plants are healthy.	
<input type="checkbox"/>		Exposed soils on side slopes, internal berms, and embankments are adequately stabilized (with seed mixtures, stabilization matting, mulch, etc.) per approved plans.	
<input type="checkbox"/>		External bypass structure is built per approved plans.	
<input type="checkbox"/>		Plants installed during periods of March 15-June 15 or September 15-November 15, unless otherwise approved by the Director.	
<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).