

# 3<sup>rd</sup> Party Construction Inspection Checklist and Certification: Constructed Wetlands (P-BAS-01)



DEQ Spec. P-BAS-01 (Formerly DEQ Spec. No. 13) & PFM 6-1317  
 Site Development and Inspections Division  
 Fairfax County Land Development Services  
 12055 Government Center Parkway, Suite 535, Fairfax, VA  
 22035 Phone: 703- 324- 1720, TTY 711  
[www.fairfaxcounty.gov/landdevelopment](http://www.fairfaxcounty.gov/landdevelopment)



Project Name: \_\_\_\_\_ Construction Firm: \_\_\_\_\_  
 County Record Number: \_\_\_\_\_ 3<sup>rd</sup> Party Inspection Firm: \_\_\_\_\_  
 Site Address: \_\_\_\_\_ 3<sup>rd</sup> 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.	

**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).