

3rd Party Construction Inspection Checklist and Certification: Extended Detention Pond DEQ Spec. No. 15 & PFM 6-1320

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
		NOTE: This checklist serves as a supplement to the as-built requirements for dams and impoundments identified in PFM 2-1302.M.	
<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"/>		Upstream impervious cover constructed, free of equipment.	
<input type="checkbox"/>		Upstream pervious areas stabilized with thick vegetation.	
<input type="checkbox"/>		Stormwater diverted around the area of the ED Pond 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 a permanent ED Pond.	

Construction / Excavation

CHECK	PHOTO	DESCRIPTION	DATE OF INSPECTION / COMMENTS
<input type="checkbox"/>		Horizontal location and pond configuration is per approved plans.	
<input type="checkbox"/>	<input type="checkbox"/>	Construction of the following components, per approved plans: Impermeable Liner? Yes No Anti-Seepage Controls? Yes No (Circle all that apply: Concrete cradle, drainage blanket, toe drain, filter blanket, other _____) Outlet Protection? Yes No	
<input type="checkbox"/>		Embankment material has been placed in 8"-12" lifts and compacted per approved plans.	
<input type="checkbox"/>		Principal spillway pipe meets the criteria of PFM 6-1607.1B(4)b.	
<input type="checkbox"/>		Embankment material has been placed in 8" – 12" lifts and compacted per approved plans.	
<input type="checkbox"/>	<input type="checkbox"/>	Excavation of following internal micro-topographic features, per approved plans: Micro-pool? Yes No Outlet size from Micro-pool: _____ Forebays? Yes No	
<input type="checkbox"/>		Plant installation conforms to approved plans.	
	<input type="checkbox"/>	Photos of final placement of principal spillway, emergency s-- spillway, longitudinal view of upstream and downstream embankment, and longitudinal view along top of dam	

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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)