



COUNTY OF PRINCE WILLIAM
DEPARTMENT OF PUBLIC WORKS
Environmental Services Division
5 County Complex Court, Suite 170
Woodbridge, VA 22192-5308
703-792-7070 Fax: (703-792-6297)

Construction
Inspection Checklist:

Spec 14: Wet Pond

Level 1 _____ Level 2 _____

Project Name: _____ Plan # _____
Address / Location: _____ LND # _____
Phase / Section: _____ VSMP Permit # _____
Contractor: _____ Phone: _____ Inspector's Name: _____
Certifying Professional*: _____ Phone: _____ Date of Inspection: _____

* Certifying professional must be a licensed Professional Engineer (PE), Landscape Architect (LA), or Land Surveyor (LS) in the state of Virginia.

The following checklist provides a basic outline of the anticipated items for the construction inspection of wet pond facilities. This checklist does not necessarily distinguish between all the design variations and differences in construction between the families of practices. Inspectors should review the plans carefully, and adjust these items and the timing of inspection verification as needed to ensure the intent of the design is met. The standard for design of this practice is based on Virginia Stormwater BMP Clearinghouse and Prince William County Design Construction Standards Manual (DCSM).

All items should be checked when completed. Items labelled "Certification of" must be crossed off, dated and initialed by certifying inspector.

	1. Pre-Construction Meeting:	Yes	No	NA	Date
1.1	Pre-construction meeting with the contractor designated to install the wet pond and the person completing this checklist has been conducted.				
1.2	Identify the tentative schedule for construction and verify the requirements and schedule for interim inspections and sign-off				
1.3	All pervious areas of the contributing drainage areas have been adequately stabilized with a thick layer of vegetation.				

	2. Construction of Wet Pond Embankment and Principal Spillway:	Yes	No	NA	Date
2.1	Stormwater has been diverted around or through the area of the wet pond embankment to a stabilized conveyance; and perimeter erosion control measures to protect the facility during construction have been installed.				
2.2	Materials for construction of the embankment and principal				

	spillway are available and meet the specifications of the approved plans.				
2.3	Construction of key trench, principal spillway, including the riser and barrel, anti-seepage controls, outlet protection, etc. is built in accordance with the approved plans.				
2.4	Geotechnical analysis and approval of the core (if required) and embankment material has been provided, and the material has been placed in lifts and compacted in accordance with the approved plans.				
Certification of Embankment and Principal Spillway Inspection:					Date
Inspector certifies that each element of the embankment and principal spillway has been constructed in accordance with the approved plans.					

	3. Excavation of Wet Pond:	Yes	No	NA	Date
3.1	Excavation of the wet pond geometry (including bottom width, side slopes, check dams, weir overflow and outlet protection, etc.) achieves the elevations in accordance with approved plans.				
3.2	Excavation of internal micro-topographic features: deep pool, fore bays, etc. is in accordance with the approved plans.				
3.3	Impermeable liner, when required, meets project specifications and is placed in accordance with manufacturer's specifications.				
Certification of Excavation Inspection:					Date
Inspector certifies that the excavation has achieved all the appropriate grades, grade transitions, and wet pond geometry as shown on the approved plans.					
Photos required include: <ul style="list-style-type: none"> Overall photo showing excavated pond prior to stabilization measures being applied 					

	4. Landscaping Plan and Stabilization:	Yes	No	NA	Date
4.1	Exposed soils on pond side slopes above permanent pool elevation are stabilized with specified seed mixtures, stabilization matting, mulch, etc. in accordance with approved plans.				
4.2	Appropriate number and spacing of plants are installed and protected on the aquatic bench and pond buffer in accordance with the approved plans.				
Certification of Landscaping and Stabilization Inspection:					Date
Inspector certifies that all exposed soils have been stabilized and all required plantings have been planted as shown on the approved plans.					
Photos required include: <ul style="list-style-type: none"> Overall photo showing stabilization applied to exposed soils; Overall photo showing plants installed. Material delivery tickets required include: <ul style="list-style-type: none"> Approved plants listing number and species. 					

