DINWIDDIE COUNTY

PLANNING, ZONING, CODE COMPLIANCE AND ENVIRONMENTAL

WET SWALE

Construction Inspection Checklist

Project Name: _____ Date: _____

PRE-CONSTRUCTION MEETING:

	YES	NO	N/A
Pre-construction meeting with the contractor designated to install the wet swale practice has been conducted.			
Identify the tentative schedule for construction and verify the requirements and schedule for interim inspections and sign-off.			
Subsurface investigation and soils report supports the placement of a wet swale practice in the proposed location.			
Impervious cover has been constructed/installed and area is free of construction equipment, vehicles, material storage, etc.			
All pervious areas of the contributing drainage areas have been adequately stabilized with a thick layer of vegetation and erosion control measures have been removed.			
Certification of Stabilization Inspection: Inspector certifies that the drainage areas are adequately stabilized in order to convert the drainage conveyance feature (if used for sediment control or diversion) into a wet swale.			

EXCAVATION:

	YES	NO	N/A
Stormwater has been diverted around the area of the wet swale to a stabilized conveyance and perimeter erosion control measures to protect the facility during construction have been installed.			
Materials (wetland soils and plants, erosion control materials such as stone, soil stabilization matting, etc.) are available.			
Construction of the wet swale geometry (including bottom width, side slopes, check dams, weir overflow and outlet protection, etc) in accordance with approved plans.			
Excavation of internal micro-topographic features: earthen check dams, tree check dams, forebays, etc., in accordance with approved plans.			

EXCAVATION:

	YES	NO	N/A
Installation of pretreatment, including forebays, gravel diaphragms, energy dissipators, etc., is in accordance with the approved plans.			
Impermeable liner, when required, meets project specifications and is placed in accordance with manufacturers specifications.			
Placement of wetland soils and amendments in accordance with approved plans.			
Certification of Excavation Inspection: Inspector certifies that the excavation has achieved all the appropriate grades, grade transitions, and wet swale geometry as shown on the approved plans.			

WETLAND PLANTINGS AND STABILIZATION:

	YES	NO	N/A
Exposed soils on swale bottom and side slopes are stabilized with seed mixtures, stabilization matting, mulch, etc., in accordance with approved plans.			
External bypass structure is built in accordance with the approved plans.			
Appropriate number and spacing of plants are installed and protected in accordance with the approved plans.			
All erosion and sediment control practices have been removed.			
Follow-up inspection and as-built survey/certification has been scheduled.			
GPS coordinates have been documented for all wet swale installations on the parcel.			

Inspector Name:_____ Date:_____

Signature:_____