



DINWIDDIE COUNTY

PLANNING, ZONING, CODE COMPLIANCE AND ENVIRONMENTAL

EXTENDED DETENTION POND

Construction Inspection Checklist

Project Name: _____ Date: _____

PRE-CONSTRUCTION MEETING:

	YES	NO	N/A
Pre-construction meeting with the contractor designated to install the ED pond 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 an ED pond 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 sediment pond or trap (if used for sediment control) into a permanent ED pond.			

CONSTRUCTION OF ED POND EMBANKMENT AND PRINCIPAL SPILLWAY:

	YES	NO	N/A
Stormwater has been diverted around or through the area of the ED pond embankment to a stabilized conveyance; and perimeter erosion control measures to protect the facility during construction have been installed.			
Materials for construction of the embankment and principal spillway are available and meet the specifications of the approved plans.			
Construction of key trench, principal spillway, including the riser and barrel, anti-seepage controls, outlet protection, etc., is built in accordance with approved plans.			

CONSTRUCTION OF ED POND EMBANKMENT AND PRINCIPAL SPILLWAY:

	YES	NO	N/A
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: Inspector certifies that each element of the embankment and principal spillway has been constructed in accordance with the approved plans.			

EXCAVATION:

	YES	NO	N/A
Excavation of the ED pond geometry (including bottom shape and length:width ratio, side slopes, etc) achieves the elevations in accordance with approved plans.			
Excavation of internal micro-topographic features: micro-pool outlet, forebays, etc., is in accordance with approved plans.			
Impermeable liner, when required, meets project specifications and is placed in accordance with manufacturers specifications.			
Certification of Excavation Inspection: Inspector certifies that the excavation has achieved all the appropriate grades, grade transitions, and ED pond geometry as shown on the approved plans.			

LANDSCAPE PLAN AND STABILIZATION:

	YES	NO	N/A
Exposed soils on pond bottom, side slopes, and buffer areas are stabilized with specified seed mixtures, stabilization matting, mulch, etc., in accordance with approved plans.			
Appropriate number and spacing of plants are installed and protected on the aquatic bench and pond buffer 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 the ED pond installation.			

Inspector Name: _____ Date: _____

Signature: _____