



**Isle of Wight County**  
**Construction Inspection Certification and Checklist for**  
**Detention, Retention, and Impoundment BMPs**

Owner or Developer: \_\_\_\_\_ Phone No.: \_\_\_\_\_  
Designer: \_\_\_\_\_ Phone No.: \_\_\_\_\_  
Project Name: \_\_\_\_\_  
Location: \_\_\_\_\_  
Contractor: \_\_\_\_\_ Phone No.: \_\_\_\_\_  
Type of Facility \_\_\_\_\_

A separate checklist is to be completed for separate BMPs, should more than one be used at a given project.  
\* Key - ( check ) If acceptable  
( X ) If not adequate, explanation at the end of a section is required  
(NA) If not applicable

**I. INSPECTION LOGS and TEST DOCUMENTATION**

**A. Earthwork**

- \_\_\_\_\_ The results and interpretation of geo-technical analysis (boring log data) of underlying strata
- \_\_\_\_\_ Verification of removal of all unsuitable material beneath dam embankment and footing
- \_\_\_\_\_ Verification of fill classification/suitability for use in the embankment
- \_\_\_\_\_ Verification of proper installation of cut-off trench
- \_\_\_\_\_ Verification of soil impermeability for material used in the liner, and proper liner thickness
- \_\_\_\_\_ Multiple compaction test results indicating adequacy throughout the embankment section including areas adjacent to the outlet conduit and any seepage control measures.
- \_\_\_\_\_ Verification that underlying bedrock and/or the water table does not interfere with the impoundment
- \_\_\_\_\_ Verification of dimensions of sub surface features such as the riser structure footing, anti seep collars, filter and drainage diaphragm, etc.

**B. Materials**

- \_\_\_\_\_ Riprap size distribution and composition
  - \_\_\_\_\_ Inlet shaping (within the control structure and system manholes)
  - \_\_\_\_\_ Trash rack construction/coatings
  - \_\_\_\_\_ Trash rack; method of installation
  - \_\_\_\_\_ Shop drawings for control structure detailing dimensions, elevations, and reinforcing information
  - \_\_\_\_\_ Verification of structure reinforcement and water tight connections
  - \_\_\_\_\_ Low-flow channel lining
  - \_\_\_\_\_ Outlet barrel size/construction type/length
  - \_\_\_\_\_ Outlet protection
  - \_\_\_\_\_ Anti-vortex device
- (Comments/Exceptions) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**II. CONSTRUCTION CERTIFICATION**

I hereby certify to the best of my knowledge and belief that this stormwater management facility/BMP was monitored and constructed in accordance with the provisions of the approved design plan, specifications and stormwater management plan, except as specifically noted.

Date \_\_\_\_\_ Firm Name \_\_\_\_\_  
Name \_\_\_\_\_ Business Phone \_\_\_\_\_  
Title \_\_\_\_\_  
Signature \_\_\_\_\_

\_\_\_\_\_ (Seal)