



**Construction Inspection**

**Checklist:**

**Spec 3: Grass Channels**

Project Name: \_\_\_\_\_ Plan Number: \_\_\_\_\_  
 Address/Location: \_\_\_\_\_ LND Number: \_\_\_\_\_  
 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 Grass Channels. 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 of design of this practice is based on **Virginia Stormwater BMP Clearinghouse** and **Prince William County Design and Construction Standards Manual (DCSM)**.

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

	<b>Description</b>	<b>Yes</b>	<b>No</b>	<b>N/A</b>	<b>Date</b>
1.1	Pre-construction meeting with the contractor designated to install the disconnection practice has been conducted.				
1.2	Impervious cover has been constructed/installed and area is free of construction equipment, vehicles, material storage, etc.				
1.3	All pervious areas of the contributing drainage areas have been adequately stabilized and erosion control measures have been removed.				
1.4	Grass channel has not been used during construction.				
1.5	Grass channel has been used for construction and is scheduled to be restored by removing construction sediment and incorporating soil amendments.				
1.6	Stormwater has been diverted for the construction of the inflow measures (level spreader or gravel diaphragm).				
1.7	Proper grades have been achieved with light equipment to avoid compaction to provide the required geometry of the grass channel: length and longitudinal slope, bottom width, and side slopes. <b>Photo Required.</b>				

1.8	Perforated underdrains are placed in layer of washed VDOT #57 stone with min. gravel above/below underdrain pipe per approved plans. <b>Photo Required.</b>  Pipe Diameter (min 6") _____  Gravel Depth (min 2") _____				
1.9	Soil amendments, if required, have been incorporated as specified (thickness of compost material and incorporated to the required depth).				
1.10	Check dams, including driveway culverts, if required, have been installed in accordance with the approved plans (spacing, height, elevation of overflow notch, energy dissipaters, keyed into side slopes, etc.). <b>Photo Required.</b>				
1.11	Energy dissipaters and sediment forebay (if required) have been installed at the areas of concentrated inflow in accordance with the approved plans. <b>Photo Required.</b>				
1.12	Pretreatment practices have been installed for sheet flow entry.				
1.13	Channel bed and banks and adjacent disturbed areas have all been adequately stabilized (with matting if required, or needed to ensure a dense vegetative cover) prior to diverting runoff into the channel.				
1.14	All erosion and sediment control practices have been removed.				
1.15	Follow-up inspection and as-built survey/certification has been scheduled.				
1.16	GPS coordinates have been documented for all grass channels on the parcel.				

All items checked above have been inspected by me (or an individual under my responsible charge) and have been completed to my satisfaction and meet the approved plans (or deviations are noted here).

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Certifying Professional's License Number \_\_\_\_\_  
(Seal)