

## Stormwater Record Report Checklist – Grass Channel

### Section 1 – SWM Facility General Information

Project Name:	Project Location:
BMP Location (Latitude/Longitude in decimal degrees):	
BMP ID:	Total Drainage Area To BMP (Acres):
Impervious Drainage Area to BMP (Acres):	Pervious Drainage Area to BMP (Acres):
6 <sup>th</sup> Order HUC:	Date Facility Brought Online:
Name of any impaired waters the BMP discharges to (2012 305(b)/303(d)):	
Pretreatment: <input type="checkbox"/> YES <input type="checkbox"/> NO	If yes indicate type of pretreatment:

### Section 2

**Instruction:** This checklist shall be completed if a Grass Channel has been designed and installed on a construction site. The completed checklist shall be provided as a part of the Stormwater Record Report submittal for each Grass Channel installed. The Stormwater Record Report for the installation of a Grass Channel shall contain the following information for submittal to Virginia Tech Site and Infrastructure Development:

- Completed Stormwater Record Report Checklist – Grass Channel
- Professional Engineer seal and signature
- Project description
- Location map showing the location of the Grass Channel
- Original design documents including:
  - Sizing calculations compared to As-Builts
  - Outfall volume and flow calculations
  - Final Planting Plan
- Provide the following information regarding Grass Channels:
  - Contributing drainage area boundaries, acreage, and land cover
  - VRRM Spreadsheet
  - Topography of site including the Grass Channel
  - Locations of all conveyance system outfalls into the Grass Channel must be shown
- Provide a plan view showing:
  - Overall Grass Channel Grading
  - Layout and dimensions of the Grass Channel, including check dams
- Provide profiles, section views, and details that show the following:
  - Cross-section

- Side slopes
- Channel bottom width
- Longitudinal slope
- Check dam details
- 10-year storm elevation
- Welding testing logs for liner installation, if applicable
- Maintenance and Inspection Schedule/Requirements

Virginia Tech Site and Infrastructure Development reserves the right to not approve the Stormwater Record Report if it does not contain the items listed above.

Professional Engineer: \_\_\_\_\_ Date: \_\_\_\_\_