

## Stormwater Record Report Checklist –Vegetated Roof

### 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 Vegetated Roof 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 Vegetated Roof installed. The Stormwater Record Report for the installation of a Vegetated Roof shall contain the following information for submittal to Virginia Tech Site and Infrastructure Development:

- Completed Stormwater Record Report Checklist – Vegetated Roof
- Professional Engineer seal and signature
- Project description
- Location map showing the location of the Vegetated Roof
- Original design documents including:
  - Drainage area maps
  - VRRM Spreadsheet
- Vegetated Roof details showing:
  - Depth of Media
  - Final Planting Plan
  - Setbacks
  - Roof Access
  - Sizing calculations
  - Structural Capacity calculations conforming to ASTM E 2397 05 for the roof
- Material specifications for each layer of material used including waterproof membrane, root barrier, drainage layer, filter fabric and growth media
- Record survey information including:
  - Photos of all surveyed elements
  - Photos of each layer installation

- Updated drainage area maps to reflect any grading amendments affecting the overall drainage area to the Vegetated Roof, 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: \_\_\_\_\_