

## Stormwater Record Report Checklist – Rainwater Harvesting

### 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 Rainwater Harvesting system 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 type of Rainwater Harvesting system installed. The Stormwater Record Report for the installation of Rainwater Harvesting systems shall contain the following information for submittal to Virginia Tech Site and Infrastructure Development:

- Completed Stormwater Record Report Checklist – Rainwater Harvesting
- Professional Engineer seal and signature
- Project description
- Location map showing the location of the Rainwater Harvesting system components
- Original design documents including:
  - Drainage area maps
- Rainwater Harvesting details showing:
  - Size of Storage Tank
  - Schematics of tank and piping system configuration
  - Material type and size of gutter, downspouts and conveyance piping to cistern inlet
  - Location and type of debris excluder
  - Sizing calculations
- Discussion of use of harvested rainwater (irrigation, toilet flushing, etc.)
- Indicate how overflow water will be directed to minimize stormwater-runoff
- Updated drainage area maps to reflect any grading amendments affecting the overall drainage area to the Rainwater Harvesting system, if applicable
- Include 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: \_\_\_\_\_