

Rooftop Disconnection Construction Checklist

This checklist has been developed for BMPs designed in accordance with the Delaware Sediment and Stormwater Program's Post Construction Stormwater BMP Standards and Specifications. Submit interim versions of this construction checklist to the approval agency weekly with the Certified Construction Reviewer report. Submit the final completed checklist with the PCVD.

PROJECT INFORMATION

Project Name/BMP Name: _____

Project Approval Number: _____ NOI number: _____

Location: _____

Contractor: _____

Construction Reviewer: _____

Supervising P.E.: _____

For each checklist item, enter in the blank the date (MM/DD/YY) the item is completed and verified by the construction reviewer. If an item is not applicable, enter "N/A" in the blank for that checklist item.

I. Pre-Construction

A. _____ Rooftop disconnection field meeting with responsible person and person completing construction checklist.

B. _____ Extents of rooftop disconnection (to include transition area) delineated and access by equipment prohibited with Sensitive Area Protection (SAP) to prevent compaction of existing soils.

C. _____ Materials on-site and dimensions and properties checked and confirmed to be in accordance with the approved plan, if applicable. ***Submit materials invoice or delivery tickets to approval agency as part of PCVD for the following items:***

i. _____ Downspout energy dissipater

ii. _____ Soil amendments

iii. _____ Permanent turf reinforcement matting

iv. _____ Other; list: _____

II. Excavation and Grading

A. _____ Rooftop disconnection graded to dimensions and at location as per the approved plan.

B. _____ Rooftop disconnection excavated/graded from the sides to not compact the existing soil.

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C. _____ Transition area between the downspout disconnection point and the disconnection area graded to dimensions and at location as per the approved plan.

D. _____ Transition area between the downspout disconnection point and the disconnection area excavated/graded from the sides to not compact the existing soil.

III. Structural Components

A. _____ Downspout energy dissipaters constructed in accordance with the approved plan.

B. _____ Permanent turf reinforcement matting placed in accordance with the approved plan.

C. _____ Photo documentation of construction of structural components taken. **Submit photo documentation to approval agency as part of PCVD.** (Photo #: _____)

IV. Vegetative Stabilization

A. _____ Vegetated areas have completed the following items. **Submit soil test report, lime, fertilizer, compost, and seed tickets to approval agency as part of PCVD.**

i. _____ Soil testing.

ii. _____ Application of topsoil to a minimum depth of 4 inches.

iii. _____ Application of soil amendments including lime and fertilizer in accordance with the recommendations of the soil test or the approved plan.

iv. _____ Application of seed to the soil surface using approved methods and in accordance with the approved plans

v. _____ Mulch applied in accordance with the approved plan.

B. _____ Biodegradable erosion control blanket is installed over the previous area for protection while seed germination occurs.

C. _____ Rooftop disconnection achieved 90% germination and as per the approved plan.

D. _____ Reviewed pervious area and confirm no erosion after a significant storm event.

E. _____ Photo documentation of landscaping components taken. **Submit photo documentation to approval agency as part of PCVD.** (Photo #: _____)

V. Erosion and Sediment Control

A. _____ Sediment prevented from entering rooftop disconnection by keeping using perimeter controls as specified on the approved plan.

B. _____ Sediment controls removed once drainage area meets final stabilization standard.

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VI. Maintenance Access

A. _____ Maintenance access in accordance with the approved plans.

VII. Post Construction Verification

Owner shall submit post construction verification documents to demonstrate that the rooftop disconnection practice has been constructed within allowable tolerances in accordance with the Approved Sediment and Stormwater Management Plan and accepted by the approving agency.

A. _____ Constructed rooftop disconnection slope confirmed no greater than 25% once ESC controls are removed.

B. _____ Visual verification that that no impervious surface exists within the rooftop disconnection area once ESC controls are removed.

VIII. BMP Acceptance

A. _____ Final BMP construction review complete.

B. _____ All BMP punch list items addressed.

C. _____ Rooftop disconnection is online (stabilized drainage area is entering rooftop disconnection)

D. _____ As-built survey.

E. _____ PCVD submitted to approval agency for review and approval. Submit the following pieces of PCVD documentation to the approval agency:

- Materials invoice or delivery tickets
- Photo documentation
- Soil test report
- Compost lime, fertilizer, and seed tickets
- As-built survey
- Final, completed BMP Construction Checklist