

Vegetated Channels Construction Checklist

*This checklist has been designed for vegetated channels
in accordance with the Delaware Sediment and Stormwater Program's
Post Construction Stormwater Management BMP Standards and Specifications.*

PROJECT INFORMATION

Project Name: _____

Location: _____

Contractor: _____

Construction Reviewer: _____

Date(s) / Time(s) of Inspections: _____

KEY:

✓

Item meets standard

X

Item not acceptable

N/A

Item not applicable

I. Pre-Construction

_____ A. Facility location staked out. Extents of vegetated channel (to include pre-treatment area) delineated and access by equipment prohibited to prevent compaction of existing soils.

_____ B. Upstream drainage area stabilized or effectively diverted prior to beginning construction of the channel.

_____ C. Pretreatment type

_____ (1) Grass Filter Strip

_____ (2) Gravel or Stone Diaphragm

_____ (3) Gravel or Stone Level Spreader

_____ (4) Initial Sediment Forebay

_____ (5) Check Dams, if required on the approved Plan

_____ (5) Other: _____

_____ D. Verify the equipment on the site are large enough to excavate the channel from the sides; not sitting in the bottom of the channel footprint.

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II. Excavation

- _____ A. Facility excavated to dimensions and at location as per the approved plan.
- _____ B. Facility excavated from the sides so as to not compact the existing soil.
- _____ C. Groundwater not encountered during excavation.
(Note: If groundwater is encountered during the excavation process, construction of the facility must cease and the designer notified that a plan modification is necessary)
- _____ D. Outlet protection provided at discharge point.

IV. Grading

- _____ A. Proper grading connecting the pretreatment practice to the vegetated channel as specified on the approved Plan.
- _____ B. Side slopes installed as per the approved Plan.
- _____ C. Bottom of channel graded as per the approved Plan.
- _____ D. Installation of stone check dams, if required on the approved Plan.

VI. Vegetation

- _____ A. Vegetation planted on the bottom and slopes of the channel as indicated on the approved Plan.
- _____ B. Seeding applied at a rate to achieve 90% germination.

VII. Erosion and Sediment Control

- _____ A. Installed erosion control matting in the conveyance area as specified on the approved Plan.