



Submerged Gravel Wetland Construction Checklist

This checklist has been designed for Submerged Gravel Wetland in accordance with the Delaware Sediment and Stormwater Program's Post Construction Stormwater BMP Standards, Specifications and Details

PROJECT INFORMATION

Project Name: _____

Location: _____

Contractor: _____

Construction Reviewer: _____

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

KEY:

- Item meets standard**
- Item not acceptable**
- Item not applicable**

I. Pre-Construction

- _____ A. Construction Review Meeting
- _____ B. Wetland location staked out. Extents of the proposed wetland delineated and equipment access limited.
- _____ C. Upstream drainage area stabilized or effectively diverted during the construction of the wetland.

II. Excavation

- _____ A. Construction Review Meeting for excavation and grading including interim and final elevations.
- _____ B. Facility excavated to dimensions and at location as per the approved plan.
- _____ C. Stepwise excavation used to minimize compaction.

Project Name: _____

Construction Reviewer: _____

_____ D. Construction Review Meeting prior to construction of wetland features including grading of microtopography, introduction of soil amendments and staking of planting zones.

III. Structural Components such as weir, spillway, flashboard riser, inlet pipes, drain pipe, emergency spillway etc. (list the components that are included on the approved Plan and verify the proper installation)

_____ A. Component: Gravel Substrate, 2' – 4' depth composed of clean washed gravel with a maximum of 2% passing the #200 sieve. Maximum stone diameter 2.5"/ Minimum 0.5".

Installation observations:

_____ B. Component: Gravel barrier layer, Minimum 4" thick, composed of clean, washed nominal ¼" gravel with a maximum of 2% passing the #200 sieve between wetland soils & gravel substrate.

Installation observations:

_____ C. Component: Engineered Wetland Soil containing a minimum of 15% Organic Material and a Maximum of 15% Clay. Wetland Soil Layer shall be a Minimum of 8" thick.

Installation observations:

Project Name: _____

Construction Reviewer: _____

_____ D. Component: _____

Installation observations:

_____ E. Component: _____

Installation observations:

_____ F. Component: _____

Installation observations:

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IV. Vegetation & Landscaping

- _____ A. Vegetation planted as per the approved Plan. (Minimum 70% of Wetland Permanently Vegetated
- _____ B. Trees and shrubs planted as per the Plan.
- _____ C. All plants supplied by a certified wetland nursery.

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