



STORMWATER MANAGEMENT FACILITY **POST CONSTRUCTION VERIFICATION DOCUMENT** **SUBMITTAL CHECKLIST**

17.0 Afforestation

Submittal Requirements

- Post Construction Verification Document survey plan in accordance with the items of this Checklist
- Supporting calculations in accordance with the items of this Checklist
- A copy of the completed Post Construction Verification Document Submittal Checklist
- Stormwater Management Facility Construction Checklist completed during construction of the facility
- Geotechnical engineer's report, if applicable

Post Construction Verification Document Plan Requirements

All Plans:

- Plans must be submitted on minimum 24" x 36" sheets
- Provide a location map on the plan
- Provide a north arrow on the plan

The title block must include:

- Project name indicating "Post Construction Verification Document" in the plan title
- Name, address, telephone and fax numbers of the individual preparing the plan
- Scale of plan (maximum plan scale accepted will be 1"=50')
- Date of the survey
- Hundred, County, and State
- Street address of the project site
- Signature and seal of Delaware Registered Professional Engineer or Professional Land Surveyor

Delineate and properly label the following (as applicable):

- Roads adjoining the stormwater management facility
- Property lines adjacent to the stormwater management facility
- Planted Afforestation Area
- Easements (i.e. drainage, utility, access, etc.) adjacent to the stormwater management facility



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Provide the following as it relates to the Afforestation surface area:

- Post construction verification contours of the planted area ****The proposed Afforestation area shall be upland*
- A minimum of two cross sections through afforestation area showing elevations (to scale).
- Dimensions of the afforestation area. ****The planted afforestation area shall be a minimum of 10,000 sf with a minimum width of 50 feet.*

Provide the following information related to the planting density (mortality) within the BMP.
****The planted afforestation area shall be assessed for survivability to determine if target 200 live trees per acre 6" or higher has been achieved*

- Estimated number of combined live, planted or volunteer trees per 500,000 sf (6" diameter or greater)
- Time span since initial planting

****When the allowable tolerances are exceeded for afforestation area supplemental actions must be taken to meet the design requirements. Submit the following:*

- Perform reinforcement planting the first Spring if survival rate falls below 65%
- Calculations demonstrating that the design requirements have been met in the constructed condition.