



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

9.0 Vegetated Filter Strips or Open Space 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, if applicable
- 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
- 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 vegetated filter strips or open space:

- Dimensions of Vegetated Filter Strips (length and width). ****Length and width shall be no less than 90% of the design geometrics.*
- Area of Vegetated Open Space. ****Length and width shall be no less than 90% of the design geometrics.*
- Cross-slope. ****Slope shall be no greater than 2% steeper than design slope.*
- Elevations of any structural components, such as gravel diaphragms or engineered level spreaders. ****Elevations of any structural components shall be within 0.15 feet of design elevation.*
- Photo documentation of the grassed filter strip or grassed open space providing verification of achievement of the required 90% vegetated cover.

****When the allowable tolerances are exceeded for the filter strip slope, or the drainage area or flow length exceeds the design, supplemental calculations must be submitted to determine if the filter strip, as constructed, meets the design requirements. Submit the following:*

- Calculations demonstrating that the design requirements have been met in the constructed condition.