



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

## **11.0 Sand Filters** **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 information related to the structural elevations and dimensions of the sand filter.

- Chamber dimensions of sedimentation (wet) chamber and filtration (sand) chamber. If modular units are used, chamber dimensions must be provided for all units. \*\*\**The constructed surface area of the filter bed shall be no less than 90% of the design surface area.*
- Grate elevations at all four corners of the sand filter. If modular units are used, provide corner elevations of each modular unit. \*\*\**The constructed volume of the surface storage shall be no less than 90% of the design volume.*
- Internal weir elevations between the two chambers. \*\*\**The constructed elevation of any structure shall be within 0.15 foot of the design.*
- Water surface elevation in the sedimentation chamber.
- Sand surface elevation in the filtration chamber. \*\*\**Depth of filter media shall be no less than 12 inches.*
- Overflow catch basin dimensions, grate elevation and invert elevation.
- Pipe material and diameter of discharge pipe from overflow catch basin.