

Materials Certification for SCMs with Filter Media (except Filterras® and StormFilters®)

SCM Facility Name	Click here to enter text.
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Note: This certification statement must be executed by a licensed North Carolina Professional Engineer with experience in the design, use, identification, and materials testing of SCMs with filter media. Observation of the installation of the filter media used in this SCM will be required to complete this certification.

CERTIFICATION STATEMENT

Based upon my observation and monitoring of the installation of the filter media used in this facility, and based on my testing of the media or my review of the media test results, I hereby certify that the filter media used in this constructed facility is in compliance with the filter media requirements of the facility, as set forth in the approved Construction Drawings, approved design documents, and any approved modifications.

The following supporting documents are included in hard copy and electronic file formats (Note: All electronic files must be in PDF format unless indicated otherwise below):

1. [Digital only] One (1) copy of the materials testing paperwork for the materials used in the filter media section, that demonstrates compliance with the following requirements:
 - a. For sand filters: cleaned, washed, coarse concrete sand such as ASTM C33. The sand particles shall be less than 2 mm average diameter.
 - b. For bioretention areas and Silva Cells:
 - i. Media gradation and composition as specified on the plans.
 - ii. Phosphorus Index less than 30.
 - iii. In-situ infiltration rate of one to six inches per hour.
2. [Digital only] One (1) copy of the purchase receipts or bill of lading for the materials used in the filter media section.
3. [Digital only] Color photographs that document the installation of each layer of the filter media, including the underdrain portion (and cleanouts) of the filter media section, used in this facility (electronic format: .jpg, .gif, or .tif).

Name: _____ Date: _____

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