

State of Louisiana
Department of Transportation and Development (DOTD)
Materials and Testing Section Approved Materials Procedure
for

GEOCOMPOSITE DRAINAGE SYSTEMS

MATERIAL SPECIFICATION REFERENCE:

DOTD Standard Specifications, Subsection 1019.02, Supplemental Specifications and Special Provisions.

APPROVED MATERIAL EVALUATION SUBMITTAL:

The manufacturer shall submit a completed Approved Materials Evaluation Submittal to the DOTD Materials and Testing Section Coordinator listed below.

PRELIMINARY REQUIREMENTS:

The complete submittal must include:

- Complete Approved Materials Evaluation Form
- Letter requesting evaluation of the material
- Product Data Sheets
- Safety Data Sheet (SDS)
- Manufacturer's specifications
- Sample
- Independent Laboratory Test Results

NOTE: Evaluation will not begin until all required items listed above are received by the Materials Laboratory.

Certifications and/or Test Reports

Submit a Certificate of Analysis (CA) for samples to be submitted to the Materials and Testing Section. The CA shall show test results applicable to the intended use of the material and the test results shall meet all specifications listed or referenced in DOTD Standard Specifications, Subsection 1019.02, Supplemental Specifications and Special Provisions.

Sample (to be furnished at no cost to the Department)

Submit an unattached 4-yd² sample of the geotextile to be used with the drainage system. Also submit 12 linear feet of the core to be used.

TEST REQUIREMENTS:

Laboratory Testing

The qualification sample shall be tested in accordance with the applicable procedures shown in Subsection 1019.02 of the standard specifications.

TEST REQUIREMENTS CONTINUED:

Evaluation Time (2 months)

The Department may require an inspection of the plant to review methods of sampling, testing and handling of the material.

Field Evaluation (If required 6 months)

GENERAL:

Upon completion of the evaluation, the submitter will be notified in writing concerning the results of the evaluation and whether the product will or will not be added to the Approved Materials List (AML). The DOTD Materials and Testing Section Coordinator shall be notified in writing of any change from the original product submittal. The Department reserves the right to re-evaluate any product or individual material at any time. A Certificate of Analysis (CA) of the material shall be submitted annually to the DOTD Materials and Testing Section Coordinator to remain on the AML.

It is also the manufacturer's responsibility to supply the contact information of the representative responsible for the material to the Materials Section Coordinator to remain on the AML. This is done by completing the Approved Materials Evaluation Form annually or when there is a change in the manufacturing representative responsible for the material.

PROJECT ACCEPTANCE REQUIREMENTS:

The inclusion of any product on the AML is not blanket approval for its use. All products, regardless of prior approval, shall be sampled in accordance to the Materials Sampling Manual.

DISQUALIFICATION AND REMOVAL:

Any material may be removed from the AML at any time. Causes for removal from the AML may include, but are not limited to the following:

- Non-conformance with specifications
- Performance requirements
- Failure to notify the Department of any change in material formulation.
- Failure of the supplier to provide proper certifications as required by this procedure
- Failure to supply current contact information for the material representative in accordance with this procedure.

REQUALIFICATION:

Any product which has been disqualified and/or removed from the AML will be considered for re-evaluation only after submission of a formal request along with acceptable evidence that the problems causing the disqualification and/or removal have been resolved.

DOTD MATERIALS AND TESTING SECTION COORDINATOR:

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Approved 05/24/17

A handwritten signature in black ink, appearing to read "B. Owens".

BRIAN OWENS, P.E.
DOTD MATERIALS ENGINEER ADMINISTRATOR