



To: SUPERSEDED BY EB 21-057 EFFECTIVE 11/24/21		New York State Department of Transportation ENGINEERING INSTRUCTION	EI 04-024
Title: ROLLED EROSION CONTROL PRODUCTS ACCEPTANCE AND QUALITY ASSURANCE PROCESS			
Distribution: <input checked="" type="checkbox"/> Manufacturers (18) <input checked="" type="checkbox"/> Local Govt. (31) <input checked="" type="checkbox"/> Agencies (32) <input type="checkbox"/> Surveyors (33) <input checked="" type="checkbox"/> Consultants (34) <input checked="" type="checkbox"/> Contractors (39) <input type="checkbox"/> _____ ()	Approved:  P.J. Clark, P.E. Deputy Chief Engineer, Design Date <u>05/26/04</u>		

ADMINISTRATIVE INFORMATION:

- This Engineering Instruction (EI) is effective beginning with projects scheduled for the letting of January 13, 2005.
- Superseded Issuances: Directive LAB713-07R1 issued 1/06/99. No EIs are superseded.

PURPOSE:

This EI issues a revised acceptance and quality assurance process for Rolled Erosion Control Products (RECPs) (§713-07 CLASS I-III) used on Department projects.

TECHNICAL INFORMATION:

I. RECP EVALUATION AND ACCEPTANCE PROCESS

A. Manufacturers/Suppliers applying for acceptance of RECPs not on the Department's Approved List shall have the products evaluated as directed herein.

1. All RECPs used on NYSDOT projects shall be evaluated through the American Association of State Highway and Transportation Officials (AASHTO) National Transportation Product Evaluation Program (NTPEP). The program has four submittal periods per calendar year. Information regarding NTPEP is available at:

AASHTO NTPEP Coordinator
 444 N. Capitol St., NW Suite 249
 Washington, DC 20001
 202/624-5800
 e-mail: www.ntpep.org

2. All RECPs used on Department contracts shall be evaluated through AASHTO's NTPEP prior to January 1, 2006. All RECPs that have not been evaluated prior to January 1, 2006, will be removed from the Department's Approved List.

3. The manufacturer/supplier is solely responsible for the arrangements and any fees required to have products evaluated.

II. QUALITY ASSURANCE PROCEDURES

A. Geotechnical Engineering Bureau Responsibilities:

1. The results of the Geotechnical Engineering Bureau quality assurance testing of samples obtained from products delivered to contracts will not affect the use of a material on the Contract for which it is supplied. This quality assurance testing is for the purpose of monitoring any changes in manufacturing processes which may affect the original properties that were determined at the time of initial approval. Several scenarios may develop as a result of this phase of testing.
 - a. When properties are shown to be the same as originally determined within the statistical validity of the test: No action will be taken.
 - b. When properties are shown to be significantly different than originally determined.
 1. If the results are not within the acceptable minimum for approval the Geotechnical Engineering Bureau will contact the manufacturer/supplier to determine what has changed.
 2. If the results are below the minimum acceptable for approval, the product's status on the Approved List will be reevaluated. The manufacturer/supplier will be notified of the review. Possible actions range from retesting of the manufacturer's line of approved products to immediate removal of those products from the Approved List.

III. APPROVED LIST

A. Landscape Architecture Bureau's Responsibilities:

1. Verify that RECPs submitted by manufacturers/suppliers for inclusion on the Department's Approved List meet or exceed New York State's minimum qualifications for the requested Class and Type.
2. Maintain the Department's Approved List of RECPs and ensure the Regional Landscape Architect has samples of the currently approved products.
3. Provide a letter to the manufacturer/supplier notifying them the material is approved for use on Department projects.

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4. Provide information on approved material to the Materials Bureau for inclusion on the monthly update of the Department Approved List.

B. Manufacturer/Supplier Responsibilities:

1. Submit a letter to NYSDOT Landscape Architecture Bureau certifying that their product meets or exceeds the Class and Type classification for which they are requesting inclusion, as well as AASHTO NTPEP laboratory evaluations for their products.
2. Provide twelve sets of approximately 75 mm x 125 mm (3" x 5") samples for each approved rolled erosion control product to the Landscape Architecture Bureau, for distribution to the Regional Landscape Architects.

BACKGROUND:

Rolled Erosion Control Products Acceptance and Quality Assurance Procedure was originally issued by a Directive patterned after the Materials Bureau Approval for Geotextiles. AASHTO/NTPEP has recently developed a standard testing procedure which establishes a nationally recognized method of evaluation of RECPs.

CONTACT:

Direct questions regarding this Engineering Instruction to Gary Glath in the Landscape Architecture Bureau at 518/457-4460 (e-mail: gglath@dot.state.ny.us).