COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2859-10

Product Evaluation Coordinator
Colorado Department of Transportation
4670 North Holly Street, Unit A
Denver, Colorado 80216

Material code: 216.02.03.00

FOR INTERNAL CDOT USE

Material code description full name: Turf Reinforcement Mat

PART 1

Product name: ECP-2

Product category: Envir., Erosion Control\Soil Retention Covering\TRM [Class 3]

Product representative (name & address):
Attn: Dave Yoder
Colorado Springs Winwater
7821 Red Granite Loop
Colorado Springs, CO 80939
Phone: (719) 572-0800 FAX: (719) 572-1827

Manufacturer (name & address):
Attn: Diane Hitt
East Coast Erosion Blankets, LLC
443 Bricker Road
Bernville, Pa 19506
Phone: (800) 582-4005 FAX: (610) 488-8494

Web-site address: www.eastcoasterosion.com

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Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
ECP-2 is a permanent turf reinforcement mat (TRM) composed of uniformly distributed 100% green polypropylene fiber matrix and two UV - stabilized polypropylene nets sewn together with black UV stabilized threads having 1.50" stitch openings. The ECP-2 is aesthetically pleasing, as well as safer than rock riprap for pedestrians, motorists and wildlife. The ECP-2 reinforces vegetation at the stems to provide a permanent high performance liner.

Restrictions, (installation and/or use):
Since the ECP-2 is designed to work with vegetation under normal highway maintenance operations, no restrictions or special equipment is needed.

Use of the product, (be specific to CDOT highway activities only):
ECP-2 is intended for use in areas susceptible to high water velocities, and 1:1 slopes.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Superior product quality enhances erosion control while fostering vegetation and improved germination times. Our products are competitively priced, which would reduce costs for Colorado DOT. The ECP-2 provides erosion protection necessary before, during and after vegetation is established. It is recommended in areas where natural vegetation is unable to control erosion alone. The ECP-2 is easier to install than rock riprap and requires no heavy equipment, other than grading activities.

Specifications, (listing those applicable is required) **& Certificate of Compliance** (required to certify compliance with listed specifications):

- [x] CDOT : Standard Specifications, 2005 Section 216.2
- [ ] ASTM :
- [ ] AASHTO :
- [ ] FHWA :
- [ ] other :

Product testing, (from national/independent laboratories or universities) **& Certified Test Report** (CTR required to validate all claims):

- [x] NTPEP-AASHTO : 2010 NTPEP Report 12001.10
- [ ] FHWA :
- [ ] other :
- [x] other : TRI / Environmental, Inc. (2006, 2007, 2008) (12-28-2009)

State DOT Approvals, (current documentation required):
Alabama, New York, Tennessee, Virginia

Sample submitted: [x] yes [ ] no [ ] n/a | Materials Safety Data Sheets (MSDS): [x] yes [ ] no [ ] n/a

Notes/Additional Comments
East Coast Erosion Blankets and our distributors pride ourselves for quick delivery and superior service everyday.