COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 3008-10

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

Material code: 216.02.02.00

FOR INTERNAL CDOT USE

Material code description full name: Soil Retention Covering, Blanket

PART 1

Product name: C4000

Product category: Envir. EC\Soil Retention Covering\SRB [Photodegradable Class 2]

Product representative (name & address):
Attn: Mark Deitering
Enviroscape ECM, Ltd.
22700 State Route 613
Oakwood, OH 45873
Phone: (888) 550-1999 FAX: (419) 594-3213

Manufacturer (name & address):
Attn: Mark Deitering
Enviroscape ECM, Ltd.
22700 State Route 613
Oakwood, OH 45873
Phone: (888) 550-1999 FAX: (419) 594-3213

Web-site address: www.strawblanket.com

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Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
C4000 is a temporary erosion control blanket constructed out of a heavy duty polypropylene netting with a weight of approximately 3 lbs/1000sf on top and bottom. Between the netting is a filament of coir approximately .5 lbs/sy, all stitched together with poly thread at 1.5" spacing. Stitch spacing set closest factory setting to ensure blanket to netting adherence. Variances include biodegradable versions. standard sizes include 50sy, 100sy, 200sy, 215sy, 500sy and 1,000sy rolls ranging from 7' to 16' wide and 113' to 563' long. Longevity up to 36 months.

Restrictions, (installation and/or use):
Restricted to (1:1) slopes, high flow channels (approx 2.25 psf) where eventual vegetation will take over.

Use of the product, (be specific to CDOT highway activities only):
1:1 slopes, high flow channels (approx 2.25 psf) where eventual vegetation will take over.

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Reduces erosion by keeping soil in place as compared to standard straw or hydraulically applied mulch. Reduces the soil displacement due to water or wind erosion. Also reduced cost due to other erosion reducing techniques such as riprap. Also, including additional erosion control product increases competition which reduces pricing and enhances quality.

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

- [x] CDOT : Standard Specifications Subsection 216.02 (2)
- [ ] ASTM :
- [ ] AASHTO :
- [x] FHWA : Type 4
- [ ] 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 :
- [x] other : TRI / Environmental, Inc. (undated)
- [ ] other :

State DOT Approvals, (current documentation required):
AR, NE, NM, VA

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

Notes/Additional Comments