COLORADO DEPARTMENT OF TRANSPORTATION

PRE-APPROVED PRODUCT EVALUATION REQUEST & SUMMARY

APL Reference No. 2877-10

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: Excel S-2

Product category: Envir., EC\Soil Retention Covering\SRB [Photodegradable Class 1]

Product representative (name & address):
Attn: Chad Lipscomb
Western Excelsior
PO Box 270308
Fort Collins, CO 80527
Phone: (970) 631-8366 FAX: (303) 845-8649
Web-site address: www.westernexcelsior.com [chad@westernexclesior.com]

Manufacturer (name & address):
Attn:
Western Excelsior
901 Grand Ave.
Mancos, CO 81328
Phone: (970) 533-7412 FAX: (970) 533-7411
Web-site address: www.westernexcelsior.com

Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.)
Excel S-2 temporary Erosion Control Blanket is composed of a 100% machine produced High Altitude Rocky Mountain Aspen Excelsior matrix mechanically (stitch) bound on two inch centers between two photodegradable, synthetic nets. The excelsior matrix consists of curled, machine produced fibers with greater than eighty percent longer than six inches. Excel S-2 blanket is intended for use in channels or slopes requiring erosion protection for approximately eighteen to twenty-four months and is available in natural color or dyed green. Actual field longevity is dependent on soil and climatic conditions.

Restrictions, (installation and/or use):

Use of the product, (be specific to CDOT highway activities only):
Erosion Control, Slope and Channels

Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value then other manufacturer's products):
Reliable and economical erosion control.

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

- [x] CDOT : Standard Specification, 2005 Section 216.02 (a) 2
- [ ] ASTM :
- [ ] AASHTO :
- [x] FHWA : FP-03 2D
- [ ] 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. (2006)
- [x] other : Colorado State University (2-08-2007)

State DOT Approvals, (current documentation required):

Sample submitted: [x] yes [ ] no [ ] n/a

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

Notes/Additional Comments