

Pre-Approved Product Evaluation Request & Summary

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

APL Reference No.

5919-25

Material Code

216.02

CDOT Use Only

Material Code description full name

Soil Retention Covering, Blanket

Part 1

Product Name:

BMP-BDNC

Product category:

Erosion Control\Soil Retention Covering / Biodegradable Blanket Class 2

Product Representative / Distributer (name & address):

John Oldenburger III

Geos EC West
5406 Crossings Dr, Ste 102, #370
Rocklin, CA 95677

Manufacturer (name & address):

Grant Lindemulder

BMP Supplies Inc.
#50 - 183073 RR 150
Brooks, AB, T0J 2A0

Phone:(916) 250-7816 E-mail johno@geosecwest.com

Website address
www.bmpsupplies.com

Phone: (604) 542-0222 E-mail: grant@bmpsupplies.com

Website address
www.bmpsupplies.com

Description of the product: (Include specific quantifiable details from the tech data sheet. Advertising generalities are not appropriate.)

The BMP-Biodegradable Double Net Coconut is a Class 2 biodegradable rolled erosion control product (RECP) engineered for long-term erosion protection on moderate to steep slopes and in channels with medium to high flows. It meets or exceeds CDOT standards for Class 2 blankets and features wildlife-friendly Leno woven jute netting. The blanket is filled with 100% coconut fiber, providing consistent thickness and uniform fiber distribution across the entire surface for reliable performance.

Technical Specifications:

Minimum Roll Width: 8" ::: Designed Thickness ASTM D6525: 290 mills ::: Matrix Fill Material: 100% Coconut ::: Mass per Unit Area ASTM D6475: ~10.29 oz/yd² ::: Size of Netting Biodegradable: 0.50" x 1.0" ::: C Factor ASTMD6459 0.0143 at 3:1 ::: Tensile Strength MD ASTM 6818: 18.5 lb/in :::

Restrictions, (installation and/or use):

Biodegradable, not permitted for permanent use.

Use of the product, and Benefit to CDOT (be specific to CDOT highway activities only):

Used for slope stabilization, drainage channels, and erosion control on CDOT highway construction and maintenance projects requiring Class 2 biodegradable blankets.

Specifications: (listing those applicable is required.)

☒	CDOT	216.02
☒	AASHTO	ASTM D6525, ASTM D6475, ASTM D6459, ASTM D6818
☐	ASTM	
☐	Other	
☐	Other	

☐ Certificate of Compliance

☐ Certificate of Verification

Product Testing: (National/independent laboratories or universities with Report Date.) A certified Test Report (CTR) is provided to validate all claims.

☒	AASHTO Product Evaluation & Audit Solutions (NTPEP)	1463-ECP-2023-03-011, 1533-ECP-2024-03-009
☐	ASTM	
☐	Other	
☐	Other	
☐	Other	

State DOT Approvals: ID, NV, OR, AK, SD

Expiration Date 5 Year Cycle 09/16/2030

Sample Submitted ☐ Yes ☒ No ☐ N/A Safety Data Sheets (SDS): ☒ Yes ☐ No ☐ N/A

Signature is only required if their are CDOT Restrictions as per CDOT Approving Authority

CDOT Use Only

Evaluators Signature:

CDOT use only