

Product Evaluation

RE: Review of BMP-SDNC Standard Double Net Coconut

PRODUCT

BMP-SDNC Standard Double Net Coconut is manufactured and Distributed by BMP Supplies INC. located in Calgary, Alberta. Its manufacturing plant is located at Brooks, Alberta.

VENDOR CLAIMS AND INFORMATION

CLAIMS

The BMP Standard Double Net Coconut Erosion Control Blanket (SDNC) is made of 100% coconut fiber, designed for use on extreme slope and channel applications. These long-term blankets are designed to reduce soil erosion and channel sedimentation through a combination of physical and biological means. The Blanket provides an effective and cost-efficient solution to soil erosion and sedimentation control. These blankets also offer a protective vegetative cover that aids in reducing water velocity and sedimentation.

Website: www.bmpsupplies.com/

DESCRIPTION

BMP SDNC Standard Rolls are of sizes 8' X 112.5' and 16' X 112.6'. Packaged in clear shrink-wrap with an orange label.

POTENTIAL USAGE

Typical applications are for highway ditches, and embankments for slopes up to 2H: 1V.

STANDARDS

ASTM D 7207 - Determination of Unvegetated RECP Ability to Protect Soil from Hydraulically-Induced Shear Stresses Under Bench-Scale Conditions

ASTM D 7322 - Determination of Temporary Degradable RECP Performance in Encouraging Seed Germination and Plant Growth

ASTM D 7101 - Determination of Unvegetated RECP Ability to Protect Soil From Rain Splash and Associated Runoff Under Bench-Scale Conditions

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has tried a large variety of rolled erosion control products in the past.

APPLICABLE STANDARDS

Alberta Transportation standard for Rolled Erosion Control Products is documented in Alberta Transportation Products List, and Erosion, and Sediment Control Manual BMP #13.

RECOMMENDATIONS

List BMP-SDNC Standard Double Net Coconut as a Potential Product under Alberta Transportation Product List, Erosion Control Systems, Rolled Erosion Control Blankets – Temporary RECPs – Type C, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveat:

TRIAL PROJECTS

Rishi Adhikari

cc New Products Evaluation Committee – Roger Skirrow,