

Product Evaluation

RE: Review of Bio4 Fiber Roll

PRODUCT

Bio4 Fiber Roll is a temporary field constructed sediment filtration system. It is manufactured by ErosionControlBlanket.com and distributed in Alberta by Cascade Geotechnical Inc.

VENDOR CLAIMS AND INFORMATION

CLAIMS

The longevity of the Bio4 Fiber Roll is up to 24 months.

DESCRIPTION

Bio4 Fiber Roll is manufactured from 70% agricultural straw and 30% coconut fibre stitched with cotton thread between two leno woven biodegradable jute nets with a mesh size of 2.5 x 1.3 cm. The straw and coconut are applied at a minimum rate of 760 g/m² and is netted on the top and bottom sides.

POTENTIAL USAGE

It can be used on active jobsites.

STANDARDS

Installation instructions are available.

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has no experience with this product.

APPLICABLE STANDARDS

Alberta Transportation has a specification for Rolled Erosion Control Products (RECPs).

RECOMMENDATIONS

Bio4 Fiber Roll listed as a Proven Product under Alberta Transportation Products List, Erosion Control Systems – Miscellaneous – Potential Product, based on the information provided.

TRIAL PROJECTS

AHD NE, N. Saskatchewan Bridge, Drayton Valley, H40 Grande Cache

Fred Cheng

cc New Product Evaluation Standing Committee – Roger Skirrow