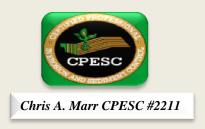


ESI Resource Services LLC 11854 Larisa Way Rancho Cordova, CA 95742 Tel 916-985-7787 Fax 916-985-7887



DATE: 12-29-14

## Certificate of Compliance

## JUTE



As a manufacture representative of "Jute, we certify that the material to be supplied will meet or exceed the following Physical specifications.

Physical Property: Test Method: Typical Roll Value:

Fabric Structure: Woven Jute Fiber Yarn: Jute, un-dyed and unbleached

Yarn Count Warp/Fill: 78/42 (average)

Fabric Weight: .92lbs./sq./yd. ± 10%

Grab Tensile Strength Dry: ASTM D4632 300 x 175 lbs./ft.

Grab Tensile Strength Wet: ASTM D4632 125 x 65 lbs./ft.

Max. Elongation: ASTM D4632 10% x 10%.

Open Area: 65%

Flow Velocity: University Channel Test 8 fps

Permissible Shear Stress: .45 lb./sq. ft.

Used as an erosion control blanket on moderate slopes.

Roll size: 4' x 225'

The jute stated above recommended staple usage: Approximately 200 staples per 100 sq./yd.

We at ESI Resource Services LLC look forward for future business with your company.

Chris A. Marr Aff.M.ASCE CPESC #2211 ESI Resource Services LLC WCIECA Board Member Tel# 916-985-7787 Fax# 916-9857887



