



919-787-0334

Job:

Ref: American Excelsior Curlex Wattles

This is to certify that the American Excelsior Curlex Wattles supplied for the above referenced NC DOT project meets or exceeds the following specifications:

12 inch sediment Log

Minimum Diameter	11.0 in (27.9 cm)
Length ( $\pm 10\%$ )	10 ft (3.1m)
Weight ( $\pm 10\%$ )	20.0 lbs (9.1 kg)
Density ( $\pm 10\%$ )	2.54 lb/ft <sup>3</sup> (40.80 kg/m <sup>3</sup> )

Fiber : Great Lakes Aspen Excelsior with no weeds, Curled, interlocking fibers with barbed edges.

Fiber Size: 80% of fibers a minimum of 6" (15.2cm) long  
0.031"  $\pm$  0.008" wide x 0.021"  $\pm$  0.003" thick

Net Material: Polyester Net Openings: .5" x .5"  $\pm 10\%$  Total Encased

Sincerely,

A handwritten signature in blue ink that reads 'Keith Harris'.

Keith Harris  
Technical Director