

June 9, 2011

Mr. Josh Still  
Erosion Tech, LLC  
105 Plant Camelia Road  
Juliette, GA 31046

Dear Mr. Still:

**Subject: Initial Product Evaluation**

The Department has approved the following product for use on our construction and maintenance projects. This product will be listed in the Qualified Products List as long as it continues to meet current specifications and performs satisfactorily in the field.

**QPL-36            Silt Fence Fabric**

<u>Trade Name</u>	<u>Type</u>
ET-C System	C System

The QPL listing will be shown as follows:

Erosion Tech, LLC	23/USA	105 Plant Camelia Road Juliette, GA 31046 www.erosiontechusa.com	478-994-6009	ET-GA-A ET-GA-C ET-C System	A C C System
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If you have any questions concerning this matter, please feel free to contact Brad Young at (404) 608-4813 or Brennan A. Roney at (404) 608-4816. Any correspondence regarding this matter can be sent to the attention of the Physical/Chemical Branch at the address listed below.

Products listed in the Qualified Products List (QPL) are subject to yearly evaluation. Samples will be requested at a later date. The QPL is now available on the Internet at <http://www.dot.ga.gov/doingbusiness/Materials/qpl/Pages/QPLRequirements.aspx>.

Sincerely,

Georgene M. Geary, P.E.  
State Materials and Research Engineer

GMG:RD:BY:bar

**Georgia Department of Transportation  
Office of Materials and Research  
Silt Fencing Sample Report**

Sample Number: JOHN7952-11-0009488  
 Date Received: 1/28/2011 Project No.: QPL-36 INITIAL EVALUATION  
 County Number: \_\_\_\_\_  
 Contract No.: \_\_\_\_\_ Sample Type: Technical Services  
 Producer Code: \_\_\_\_\_  
 Material Code: \_\_\_\_\_  
 Date Sampled: 1/27/2011 Sampled From: Stockpile  
 Quantity: 0 Unit: \_\_\_\_\_  
 Location: B. Roney Examined For: 171 & 894  
 Vendor: \_\_\_\_\_  
 Date Completed: 1/31/2011

Remarks: Material: C- System  
 Product Name: ET-C System  
 QPL-36 C-System  
 Thread Stitch Lines /  
 Top (Req'd 2± 1) 1.875 in / Top (Req'd 11± 1) 10.75 in  
 Bottom(Req'd 2± 1) 1.5 in Bottom (Req'd 11± 1) 10.5 in  
 Lock Stitch 5 to 7 per inch 9 <---- Immaterialized  
 Lock Stitch: Yes  
 Fabric on QPL-36 ? Yes  
 Type C Fabric Name: DDDGA 36-C; ET-C System  
 Polypropylene support mesh min. tensile strength  
 In machine direction, 60 lb/3 in: 270 #/ 3 in / In transverse direction, 72 lb/3 in: 222 #/ 3 in  
 Average minimum weight (10.3lb/1000 ft<sup>2</sup>): 17.94 lb / 1000 ft<sup>2</sup>  
 Average strand count of mesh: Mesh machine direction 14.5 ± 0.7 per 10 in: 10  
 Mesh transverse direction 9.0 ± 1.5 per 10 in. 10 <-----Immaterialized  
 POST:  
 Type: Hard Wood Size: Length 48 in (48 in. min)  
 Dimension: 1.92 in x 1.95 (2 in x2 in ) -1/4 in.  
 Cross Sectional Area: 3.784 in<sup>2</sup> (3.28 in<sup>2</sup> min)  
 STAPLES:  
 Gauge:16 (17 Ga. min)  
 CrownWidth:.9 (.75in. min) Length of Leg:.6 (0.5 in min.)  
 Special Provision 171.3.05.A:  
 Post Spacing: 47.5 in ( 4ft. min)  
 Special Provision 171.3.05.A.Type C Fence.2:  
 No. of Staples: 6 (6 per post)  
 Staples at top of post: 2 (2 min. parallel or crisscross)  
 Staple Pattern, evenly spaced down post Yes

Meets Requirements: **Passed**  Sample Used for Source Evaluation

Source Name: Erosion Tech  
 Address P.O. Box 1203 31202 City: Macon State: GA Country: USA

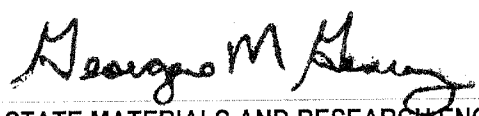
POSTS: Post Material:

Length Width Height  
Size (inches):  by  by   
Spacing (feet):  Weight (lbs/ft):

STAPLES: No. Per Post:  Gauge:  Crown Width (in.):   
Warp Fill

FABRIC: Grab Tensile Strength (lbs):    
Grab Elongation (percent):    
Flow Rate:  Aparent Opening Size:

WOVEN WIRE: Height (inches):  No. of Horizontal wires:   
Vertical Spacing (in):  Top Gauge:  Bottom Gauge:   
Horizontal Gauge:  Vertical Gauge:

  
STATE MATERIALS AND RESEARCH ENGINEER