

## Evaluation Table

<b>PEP ID:</b>	<b>XXXXXX</b>
<b>Manufacturer:</b>	<b>Name of Manufacturer</b>
<b>Product Name:</b>	<b>Name of Product</b>

800 Landscape Architectural Materials  
 810 Erosion Control Silt Fence  
 ADOT Standard Specification: 810-2.01, 915, 1914-1, 1014-8  
 ADOT Standard Drawing: Detail ES7  
 See ADOT Erosion and Pollution Control Manual  
 Responsible Section: Roadway Group

<b>Material Property</b>	<b>Specification / Test Method</b>	<b>Requirement</b>	<b>Results</b>	<b>Pass / Fail</b>
Identification, Packaging, Handling, and Storage	915-2.02 ASTM D4873	The identification, packaging, handling, and storage of the geotextile fabric shall be in accordance with ASTM D4873.		
Composition	1014-1	Fibers, yarns, and filaments used in the manufacture of geotextile fabric, and the threads used in joining by sewing, shall consist of long-chain synthetic polymers, composed at least 95 percent, by weight, of polyolefins or polyesters.		
NTPEP Datamine	1014-1	Geosynthetic materials, including eligible biaxial geogrid, must be on the DataMine list for geotextiles and geosynthetics on the NTPEP website.		
Exposure	1014-8	Temporary silt fence fabric shall contain a stabilizer or inhibitors to make the filaments resistant to deterioration resulting from exposure to sunlight or heat.		
Width inches, min	1014-8	36		
Elongation %	1014-8 ASTM D4632	<50		

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Grab Strength, lb, min MD and XMD	1014-8 ASTM D4632	124		
Permittivity, min, sec <sup>-1</sup>	1014-8 ASTM D4491	0.05		
Apparent Opening Size US Standard Sieve Size	810-2.01 1014-8 ASTM D4751	20-50		
Ultraviolet Stability (retained strength)	1014-8 ASTM D4355	> or = to 70% after 500 hrs exposure		