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## Type 1

### Type 1– Paragraph Form

Product shall be ECTC HECP Type 1 which is comprised of natural, degradable, pre-packaged fibrous material that is mixed with water and hydraulically applied as a slurry designed to reduce soil erosion and assist in the establishment and growth of vegetation. Product will achieve maximum performance after a sufficient curing period. Product shall be designed for use with maximum of  $\leq 1$ -month protection, maximum slope gradient of  $\leq 5:1$ , and maximum uninterrupted slope length of 20 feet. Product shall have a C Factor  $\leq 0.30$  from standardized large-scale rainfall performance testing, ASTM D6459 or equivalent deemed acceptable by the engineer. Product shall have a minimum vegetation establishment of 150% from standardized testing, ASTM D7322.

### Type 1– Tabular Form

ECTC HECP Type	1
Product Description	Ultra Short Term
Material Composition	Natural, degradable fibers
Functional Longevity	$\leq 1$ month
Maximum Slope Gradient	$\leq 5:1$
Maximum Uninterrupted slope length	20 feet
C Factor <sup>b</sup>	$\leq 0.30$
Minimum Vegetation Establishment <sup>c</sup>	$\geq 150\%$

*a. Manufacturer’s estimated time period based upon field observations, that a material can be anticipated to provide erosion control.*

*b. ASTM D6459 or equivalent deemed acceptable by the engineer.*

*c. ASTM D 7322 or equivalent deemed acceptable by the engineer.*