

Questions & Answers

Buffalo Valley Run (Feik Property)

Stream Restoration Project

Codorus Townships, York County, PA

Q: Please confirm all silt soxx shown (approx. 1900' total) needs installed in addition to the stream bypass as needing both seems redundant? If so when can the silt soxx be removed? when grading/stabilization are complete or do we need to wait until 70% vegetative cover?

A: Yes, all Compost Filter Sock (CFS) is to be installed. As measured in CAD, 1707 LF of 12" CFS and 124 LF of 18" CFS are proposed. Stream bypass is only necessary when installing the three (3) Livestock Stream Crossings and six (6) Grade Stabilizers. These in-stream features are the "in-stream disturbance areas" discussed in Step 5 of the Construction Sequence on Sheet C-22. The CFS are "temporary sediment pollution control measures" and are to be removed "when at least 70% uniform, perennial vegetative cover is achieved" as discussed in Step 9 of the Construction Sequence.

Q: Is the entire site to be seeded with the York County mix shown on sheet C-11 and all other mixes identified on the drawings can be ignored?

A: Yes, this is correct.

Q: Is any erosion control matting required in the floodplain areas? If so, please identify locations and type of ECM.

A: Erosion Control Matting (ECM) is to be installed on all slopes that are 3H:1V or steeper within the floodplain. Install ECM on the cut slopes shown on Sheet C-11 which are (1) the floodplain bench cut slopes shown with the very light green solid hatch and (2) streambank cut slope near the outlet of the culvert under the road shown with the light orange solid hatch. The total of these areas is 10,670 SF. ECM shall be Western Green EroNet S150 or engineer-approved equal. See attached specifications.

Q: Should item 10 include both the trees and the protection? If not what item should the trees go under?

A: Yes, under item 10 please include both the trees and protection, as well as any additional costs associated with the plantings.

Q: Is any work associated with the proposed shed part of this contract?

A: The purchase and installation of the run-in shed is not included in this contract, but coordination with the Feiks will need to occur during construction of the fencing, which is part of this contract. If the Feiks buy a shed, then the fence will be installed to the corners of the shed as shown on the plan. If no shed is installed during construction of this project, double gates and/or temporary fencing can be installed at the future shed location to accommodate installation of a shed in the future.

Last Updated: 10/7/26

MATERIAL PROPERTY DATA SHEET

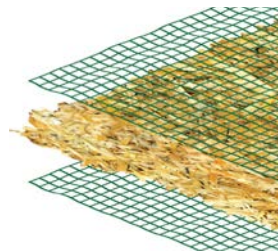


EroNet™ S150®

Short Term • Double Net • Straw Matrix •
Erosion Control Blanket

DESCRIPTION

S150 temporary Erosion Control Blanket is composed of a 100% weed free agricultural straw matrix mechanically (stitch) bound on two-inch centers between two photodegradable, synthetic nets. S150 is intended for use in applications requiring erosion protection for a period up to twelve months. The material is fully degradable. The net and thread are photodegradable and the fiber matrix is biodegradable. Actual field longevity is dependent on soil and climatic conditions.



Each roll of S150 is made in the USA and manufactured under Western Green's Quality Assurance Program to ensure a continuous distribution of fibers and consistent thickness.

Material Content

Matrix	Straw	
Netting	Top and Bottom Net: Lightweight, Synthetic, Regular Degradable	Double Net (Green)
Thread	Synthetic, Regular Degradable	

Standard Roll Sizes

Width	8 ft	(2.4 m)	16 ft	(4.9 m)
Length	112 ft	(34.1 m)	563 ft	(171.0 m)
Weight ± 10%	50 lb	(22.7 kg)	500 lb	(227.0 kg)
Area	100 sy	(83.6 m ²)	1000 SY	(836.0 m ²)

Material available in custom roll sizes

Approvals & Classification

Classification	FHWA: Type 2.D / ECTC: Type 2.D	
TTI Approvals	Class 1 Type A,B, C, D	Class 2 Type E,F
NTPEP Number	ECP-2020-01-16	

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Index Property Test Method Typical

Thickness	ASTM D6525	0.30 in.	(8 mm)
Mass/Unit Area	ASTM D6566	8.0 oz/sy	(275 g/sm)
Tensile Strength – MD	ASTM D6818	130 lbs/ft	(1.9 kN/m)
Tensile Strength – TD	ASTM D6818	100 lbs/ft	(1.5 kN/m)
Elongation - MD	ASTM D6818	25%	
Elongation – TD	ASTM D6818	25%	
Density/Specific Gravity	D792	N/A	
Light Penetration	ASTM D6567	15%	
Biomass Improvement	ASTM D7322	450%	
Water Absorption	ASTM D1117	400%	

Design Parameters

Property	Unvegetated	Vegetated ³
RUSLE C Factor ²	0.04	N/A
Slope Maximum Gradient ¹	2H:1V	N/A
Permissible Shear Stress ²	1.8 psf (85 Pa)	N/A
Permissible Velocity ²	6.0 fps (1.8 m/s)	N/A

Manning's n Roughness (HEC-15)

τ_{lower}	τ_{mid}	τ_{upper}
0.050	0.036	0.032

1 Maximum Gradient a recommendation for typical insillations.

2 Hydraulic thresholds compliant with ASTM D6459/D6460 but generalized for typical applications.

3 Vegetated values dependent on established stand of vegetation

Rev. 4.2023

Scan for additional and updated product information,
or [click here](#).

