



**Erosion & Sediment
Control Webinar
Presented by Lisa
Simms, PE CPESC
for:**

**UGA EROSION
CONTROL DAY**

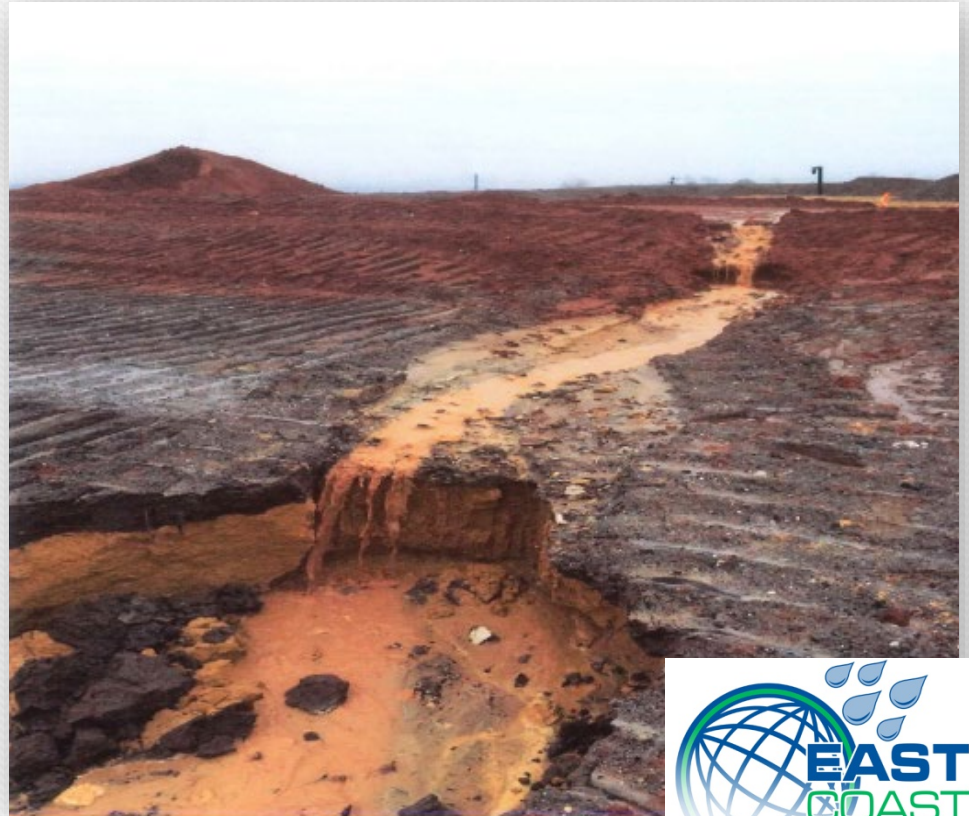


Leader in The Industry



Erosion

- **Erosion:** The wearing away of natural (earth) and unnatural (embankment, slope protection, structure, etc.) surfaces by the action of external forces.
- 3 Types of natural forces
 - Water
 - Wind
 - Frost



Solutions We Provide:



- **Rolled Erosion Control Product (RECP):**
 - Erosion Control Blanket-Temporary
 - Turf Reinforcement Mat-Permanent
- **Open Weave Textiles (OWT)**
- **Sediment Retention Fiber Rolls (SRFRs)**

Erosion Blanket

- A temporary, *degradable* or long-term, *non-degradable* material manufactured or fabricated into rolls designed to reduce soil erosion and assist in the growth, establishment and protection of vegetation.

- 3 Parts
 - Netting
 - Matrix
 - Thread



Soil Preparation

- Soil Test

- Soil

Amendments

- Grade Area

Smoothly



Product Placement

- Have corrective measures from manufacturer to repair damage
- Use proper overlapping
- Establishing intimate contact with soil is important for success



- Removed Dam and then re-established stream bed.









Sod Covered

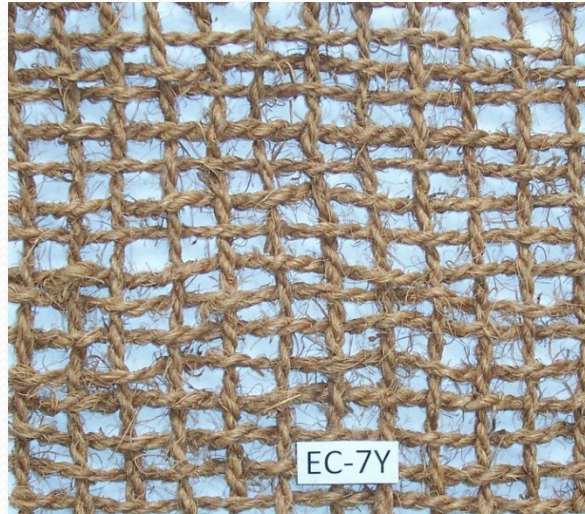


Coir Mats

- 400 gram



- 700 gram



- 900 gram



Coconut (Coir)

- Fiber taken from inner layer of the coconut
- 100% organic and naturally resistant to rot, moisture, and mold
- Coir fiber tends to be stronger than other natural fibers
- Coir fiber is not damaged by salt water



Walking Paths & High Traffic Areas

- 900 Gram Coir Mat
- Timeframe 2 months
- Project in PA



Demonstration of a successful plant plugging through an OWT



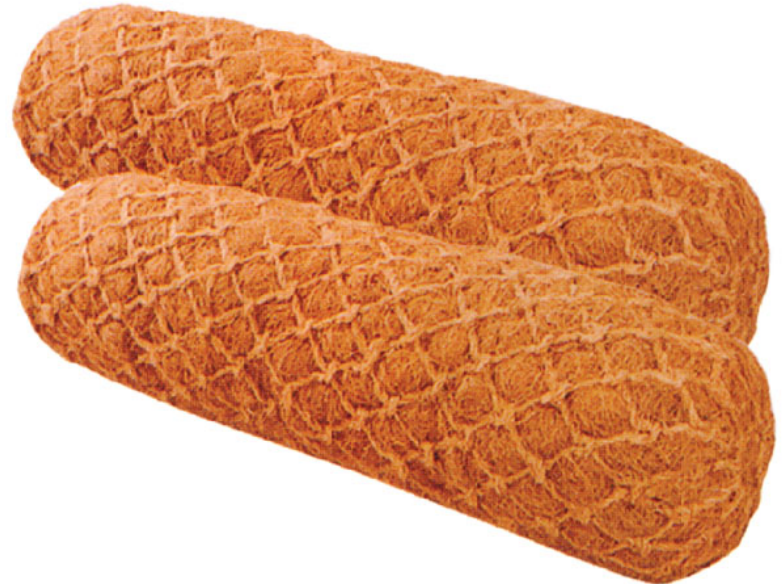
Coir Logs

Diameters

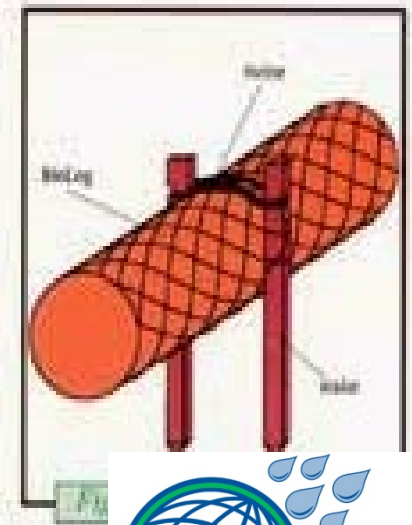
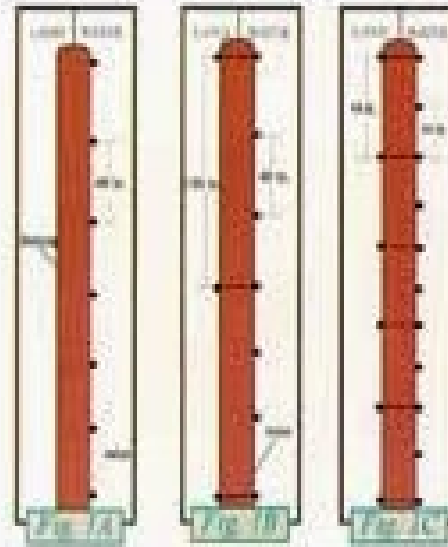
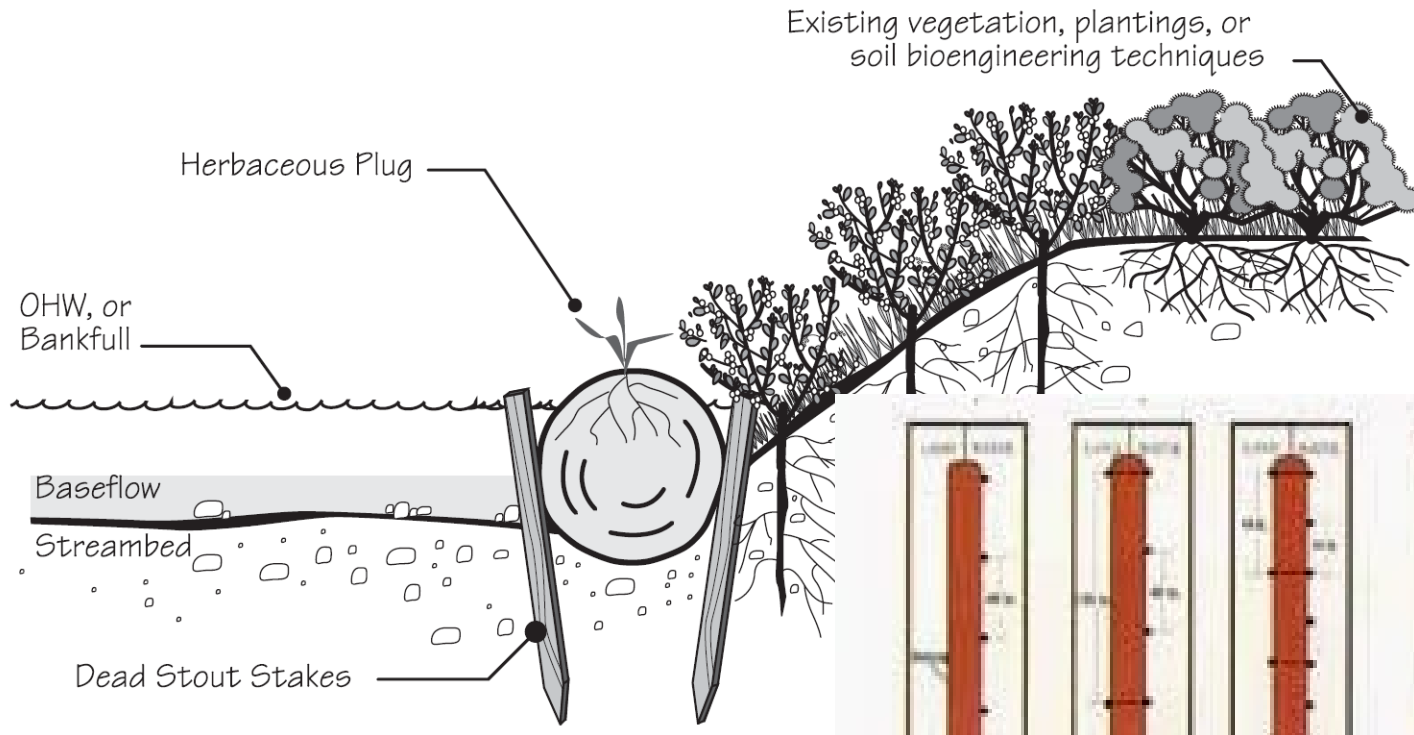
- 6"
- 12"
- 16"
- 20"

Grades – determined by weight

- Standard
- Premium



Coir Log Installation

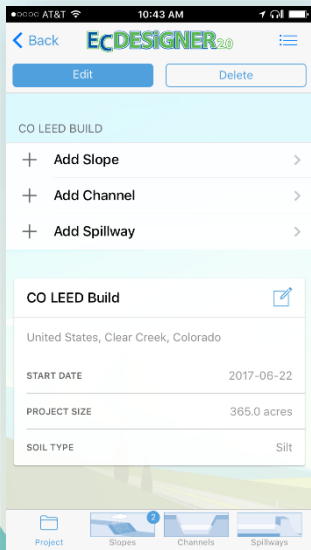




12" Coir Log Stream bank Jobsite



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