# Staked Silt Barrier

## Sediment and Erosion Control

for Stormwater Pollution Prevention Planning (SWPPP)

Triton

### An Impermeable Stormwater BMP

Control silt and stormwater runoff on your job site with the affordable and efficient Triton Staked Silt Barrier. When properly installed, the impermeable PVC material stops the spread of sediment and redirects water flow. This stormwater BMP also meets **DOT requirements** for sediment and erosion control in water depths less than 30 inches.

We manufacture the Triton Staked Silt Barriers in the U.S., and keep them in stock and ready to ship. We can also build them to suit your needs.

GEI WORKS

# Triton Staked Silt Barrier
## SWPPP Applications, Installation, and Maintenance

The rugged staked silt barrier is often implemented as a reliable stormwater BMP on construction sites with stormwater runoff or sheet flow. The silt barrier is secured with wooden stakes or rebar and redirects sediment, silt and contaminated stormwater, allowing it to settle or collect according to your site design and topography.

### Applications

- Construction Sites
- Drainage Ditches
- Settling Ponds
- Retention Basins
- Shallow Lakes
- Protected Marshes
- Canals
- Stormwater Swales
- DOT/Roadside Construction

### Benefits

- Compact
- Easy to Install
- Effective Runoff Control
- Visually Prominent
- Affordable
- Meets US DOT Requirements

### Simple Installation Instructions

The staked silt barrier can be easily installed for quick and efficient sediment control as a best management practice (BMP) for your site. Simply follow these step-by-step instructions:

1. Dig an 8" deep trench along the desired flow control path, placing fill on up slope side of trench.
2. Install sturdy hardwood stakes or rebar (not included) on 6' centers maximum on the down slope of the trench, protruding 36" above the gradient.
3. Unroll the PVC material (hemmed edge on top), and attach the top 36" to the stakes with staples or nylon ties, leaving 8" of material in the trench.
4. Finish installing entire run, digging the desired diversion flow path and trench. Then backfill the 8" trench, also trapping the bottom 8" of the silt barrier. This creates a runoff seal and enhances the staked silt barrier's impermeability and effectiveness.

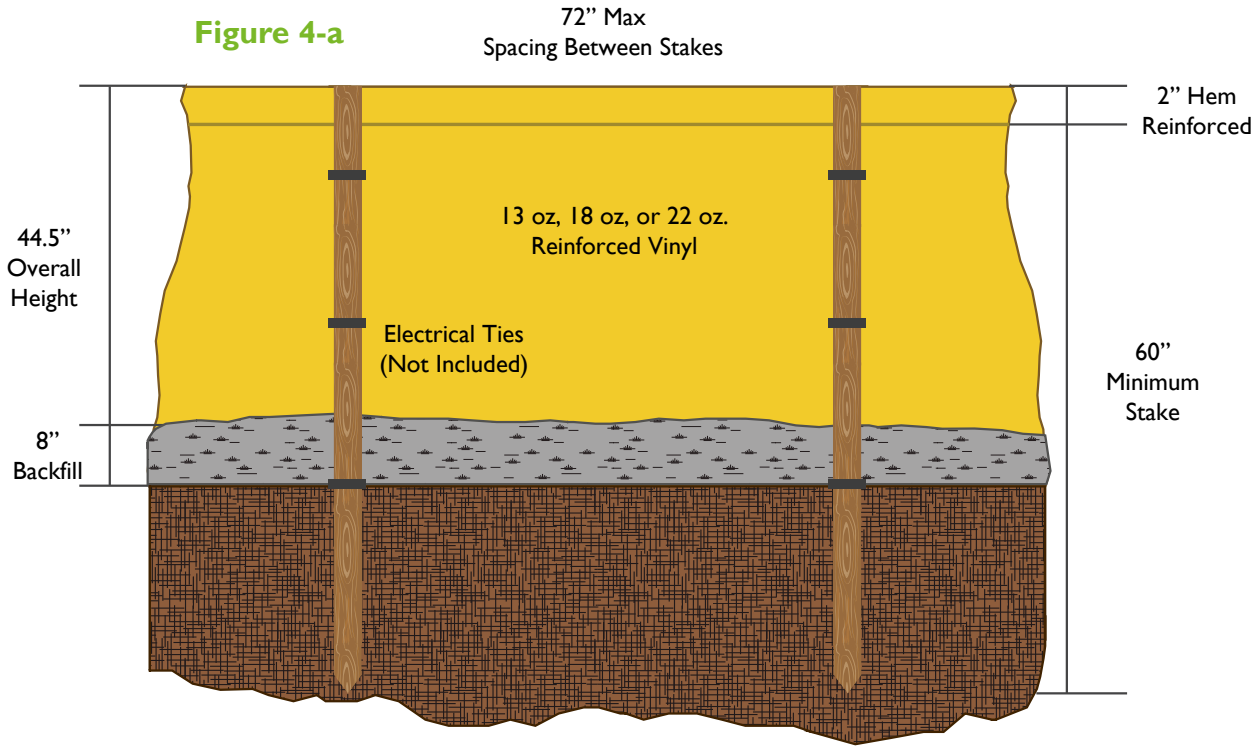
### Important Ongoing Maintenance

It is important to develop a maintenance schedule for periodically inspecting and maintaining your staked silt barrier. A well-maintained barrier increases effectiveness in stormwater runoff and erosion control. Remember to do the following:

- Inspect for Gaps or Tears in PVC Material
- Remove Accumulated Sediment per SWPPP
- Adjust Stakes That May Have Shifted or Fallen
- Reposition Stakes If Site Conditions Change

# Triton Staked Silt Barrier
## Specifications

**Figure 4-a**




### Specifications

| | |
|---|---|
| **Length** | 100’ Rolls-Standard Sections |
| **Height** | 44.5” |
| **Fabric** | 13, 18, or 22 oz. PVC |
| **Color** | Safety Yellow |
| **Connectors** | Staples or Nylon Ties (Not Included) |
| **Load Carrying Components** | Stakes (Not Included) |

**Customization of color, design, trench pockets, etc. available**

For more complete information on GEI Works products and solutions, visit us on the Web at www.geiworks.com.

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