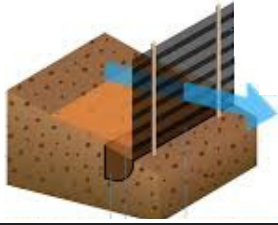


SILT FENCE

Also known as: Filter fence



DEFINITION

Silt fence is a temporary sediment control device used on construction sites to protect water quality in nearby streams, rivers, and lakes from sediment in stormwater runoff.

WHAT IS IT?

Silt fence is constructed of porous woven geotextile fabric attached to wooden posts.

WHAT DOES IT DO?

The purpose of silt fence is to protect surface waters and properties by filtering or removing suspended soils from runoff prior to leaving the site.

MONITORING

Silt Fence should be inspected weekly.

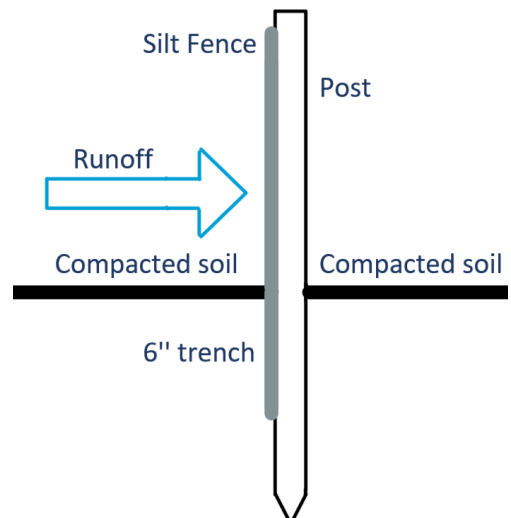
Look for tears, post failure, sediment build up, fence slumping, and areas damaged by construction activities.

MAINTENANCE

- Fabric tears, post failures and/or vehicle damage should be repaired immediately
- Sediment build up should be removed when it reaches 1/3 to 1/2 the height of the silt fence above ground elevation
- Remove the silt fence once the site is stabilized with permanent SESC measures

INSTALLING SILT FENCE

1. Dig a 6" trench along the down slope edge of the earth disturbance (between the earth change and surface water).
2. Unroll and extend silt fence along trench line. Orient fence so the posts are down-slope of the fabric (storm water will push the fabric against the post).
3. Turn end post 360 degrees so that fabric surrounds the post.
4. Pound the end post into the ground until the top of the 6" bury flap is at ground elevation.
5. Continue to pound in posts consecutively starting with post adjacent to the end already installed.
**Assure fabric is as taught as possible.
6. Join consecutive rolls by rolling end posts similar to Item 3 above.
7. Backfill the trench and compact..



MORE QUESTIONS?

Contact your local soil erosion and sedimentation control enforcing agency.

