

What can you do?

Most people will agree that muddy water is not a pretty sight. But did you know that besides being unsightly muddy water can cause a lot of damage? For example, muddy water can clog storm drains and impact water ways. This can lead to poor water quality, flooding and property damage.

Muddy water can also carry mud and nutrients to our streams and lakes. This can lead to oxygen levels too low to support our fish.

The rules for controlling sediment and erosion on your property have not changed. When a land disturbing activities occurs, make certain you have in place all the controls that are necessary to control sediment on your property and prevent erosion from occurring.

By following some of the examples in this brochure, you too can help make Pickens County a better place to live.



Pickens County Stormwater

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Pickens County Stormwater

GUIDE FOR LAND
DISTURBING ACTIVITIES
FOR PROJECTS THAT
DISTURB

LESS THAN
ONE ACRE



Be a Good Neighbor

Sediment washing into the streams is one of the biggest water quality problems in Pickens County. Sediment muddies up the water, kills fish and other organisms, and ruins wildlife habitat. It is not difficult to reduce erosion and prevent sediment from leaving your property by follow the basic approach in this brochure. Sites with steep slopes may need more controls than flat sites.



Observe

basic principles such as: 1) Preserve existing vegetation as much as possible; 2) Mulch or seed bare soil immediately for the best and cheapest erosion protection; 3) use silt fences, brush barriers, or other approaches to pond and filter sediment from runoff; 4) Install silt check dams made of rock, brush, or other products to prevent ditch erosion and remove sediment; 5) Protect inlets and outlets; and 6) Settle out soil particles in sediment traps and basins.

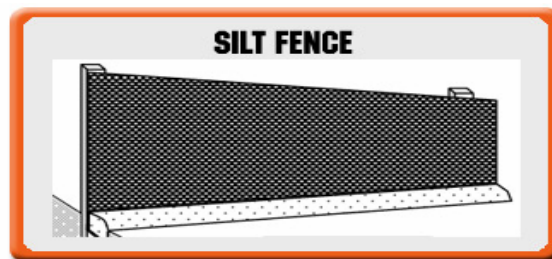
SILT FENCE

A silt fence is a temporary filter fabric which is attached to supporting posts and entrenched into the ground. The silt fence intercepts small amounts of sediment from disturbed areas during construction operations. It is a fairly versatile tool which is used close to the erosion source or as a perimeter control. This practice is likely to create a significant reduction in sediment.

For more information and proper installation see the Pickens County Brochure “Silt Fence Barriers” or contact the Pickens County Stormwater Office.

Suitable Applications

- At the bottom of a cleared slope or disturbed field
- At the perimeter of disturbed construction areas
- Along steams and ditches, or to protect sensitive areas
- Around temporary soil or gravel stockpiles.
- Within a swale or ditch that has gentle slopes and drainage area less than 1 acre.



CONSTRUCTION ENTRANCE

It is important to stabilize the construction entrance where property has been graded. A stabilized construction entrance involves a pad of aggregate underlain with filter cloth located at any point where traffic will be entering or leaving a construction site. Stabilizing the construction entrance significantly reduces the amount of sediment (dust, mud) tracked offsite onto the roadway. This management practice is likely to create a significant reduction in sediment and a partial reduction in oil and grease. Suitable applications are all points of construction entrance and exits, especially from dirt or soil conditions to a paved public roadway.

For more information and proper installation see the Pickens County Brochure “Construction Site Entrance” or contact the Pickens County Stormwater Office.

