

Filter Strip Design, Documentation, and Certification



Landowner Name: _____ Planned Date: _____

Location: _____ Planner: _____

Certification of completed practice: Name: _____ Date: _____

Contaminants captured by filter strip: (Check all that apply.)

Sediment, organic matter, or other sediment born contaminants {Solids}

Dissolved nutrients, pesticides, or soluble contaminants or pathogens {Liquids}

Combined wind and water erosion losses exceed 10 tons/acre/year yes no

If yes, list conservation practices planned to control erosion on the contributing runoff area.

Are gullies present in the contributing watershed? yes no

If yes, list conservation practices planned to control gullies and disperse concentrated flow in the field adjacent to the filter strip.

Concentrated flow channels exist within the proposed filter strip? yes no

If yes, list conservation practices planned to disperse concentrated flow across the filter strip.

| | Design |
|--|---------------|
| A. Total acres draining onto or across filter strip (not to exceed 60 ac./ac. of filter) | _____ |
| B. Combined soil loss from contributing area (wind + water must be < 10 t/a/y) | _____ |
| C. Design slope across filter strip (0.5-10%) | _____ |
| D. Grade at, and parallel to, field edge of filter strip (%) | _____ |
| E. Predominant average flow length {including existing vegetation} | _____ |
| F. Predominant average flow length {excluding existing vegetation} | _____ |
| G. Filter strip length (measured through the middle approx. parallel to water*) | _____ |
| H. Total filter strip acreage (including existing vegetation) {E x G / 43560}* | _____ |
| I. Filter strip acres to plant (excluding existing vegetation) {F x G / 43560}* | _____ |

Slope(%) across the filter strip (C) must always exceed the slope(%) parallel to the field/filter strip edge (D) unless water bars, vegetative barriers or some other regularly recurring practice is designed to force water onto the filter strip.

*Length measurements are not needed if acreage is determined by some other method. (planimeter, GPS, etc.)

Additional notes specific to this site:

(over)

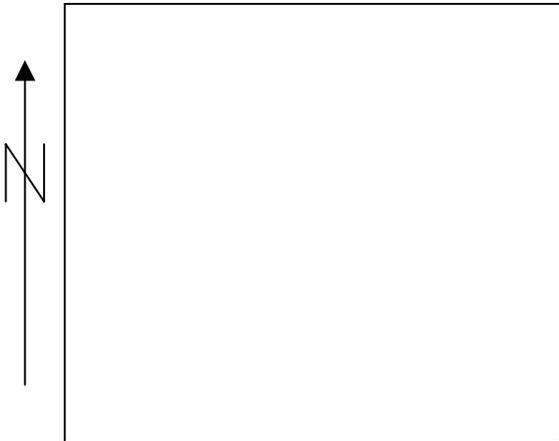
Specifications

Filter Strip Width and Seeding mixture.

| Filter Strip Layout | Strip #1 | Strip #2 | Strip #3 | Strip #4 |
|---------------------------------------|----------|----------|----------|----------|
| Filter Strip Width (ft) | Ft. | Ft. | Ft. | Ft. |
| Strip Length along edge of field (ft) | Ft. | Ft. | Ft. | Ft. |
| Area (Ac) | Ac. | Ac. | Ac. | Ac. |

NOTE: For Seeding Specifications, see Form KS-ECS-4.

MAP:



Practice Approval

Area to be Treated: _____ Ac.
Approved by: _____ Date: _____

Practice Completion

I have made an on site inspection of the site (or I am accepting owner/contractor documentation), and have determined that the job as installed does conform to the drawings and practice specifications.

Completion Certification by:
_____ Date: _____