

Grassed Waterway Design and Construction Record Sheet

Landowner _____

Small Waterways with Drainage Areas from 0-30 Acres

Tract # _____

Design Records

Construction Records

Field #	Waterway #	Drainage Area	RCN	Length	Slope	"z" at edge	** Soil Erodibility Category	Top Width	Depth	Length	Top Width	Depth at Left Quarter Point	Depth at Center	Depth at Right Quarter Point

- Instructions - Design**
- Record landowner and tract number on the upper right corner. Record field numbers for the proposed waterways from the conservation plan in the first column on the left.
 - Record the waterway number assigned on the conservation plan map.
 - Record the drainage area in acres for the waterway.
 - Record the runoff curve number used for design.
 - Record the length and slope of the waterway.
 - Record the side slope "z" at the edge of the waterway.
 - Record the soil erodibility category used for design.
 - Record the required top width for the waterway from the design charts.
 - Record the required depth of the waterway from the design charts.

- Instructions - Construction**
- Record the constructed length of the waterway in feet.
 - Record the actual top width of the waterway in feet.
 - Record the waterway depth in feet at the left quarter point, center, and right quarter point. The quarter points are located half way to the center of the waterway.
- ** EE = Easily Erodible
 Erod = Erodible
 ER = Erosion Resistant
 VER = Very Erosion Resistant