

**NATURAL RESOURCES CONSERVATION SERVICE
CONSTRUCTION SPECIFICATIONS**

SPOIL SPREADING

1. Scope

The work shall consist of the placing and spreading of any excess spoil material from excavation required for installation of conservation practices or other construction activity as specified on the construction plans.

2. Location

The planned location of the spreading area shall be as shown on the plans or as staked in the field. Any change to the planned location must be approved by the designer and landowner and/or operator.

3. Spoil Spreading

Unless otherwise noted on the plans, any woody debris greater than 3 inches in diameter or longer than 6 feet shall be removed from the spoil and disposed of in designated areas. Any other form of debris or trash contained in the spoil shall be removed and disposed of at the local county landfill or other approved location.

Final placement and grading of the spoil shall not result in the ponding of surface water on the spoil surface or adjacent land except for strategically placed spoil areas in wetland restoration sites. Spoil surface slopes shall be as shown on the drawings but shall not be steeper than 4 horizontal to 1 vertical (4:1) unless placed as a designed embankment or dike. Spoil shall not be placed or spread within 12 feet of a channel bank or excavated pond.

No specific compaction effort beyond that accomplished by the placing and spreading operation unless specified on the drawings or in Section 7.

4. Moisture Content

The moisture content of the spoil shall be such that the final surface of the spoil can be utilized for crop production or tilled for vegetation seedbed preparation. The spoil will be wet enough to avoid dusty conditions and provide for minimum compaction. The spoil will be dry enough to prevent excessive rutting of the finished surface. Equipment tracks that cannot be removed with typical farm tillage equipment will be considered excessive rutting.

5. Vegetation

A protective cover of vegetation shall be established on all spoil surfaces except those to be utilized for crop production. Seedbed preparation will consist of lightly disking compacted or polished soil surfaces to a depth of 3 inches and smoothing with a cultipacker. Seeding will be accomplished by hand seeding methods as detailed in Section 9 or with a grass drill equipped with double disc or coulter furrow openers with depth bands and press wheels spaced not more than 12 inches apart. The seeding mix will be as shown on the drawings or in Section 7.

Mulch shall be applied as required in Section 7. It shall consist of native hay or clean straw and be applied at the rate of 2 tons per acre. It will be anchored by hand methods or specialized equipment using straight blades to punch the mulch into the soil. The mulch can be applied at the rate of 1 ton per acre if it is anchored by an asphalt emulsion at the rate of 300 gallons per acre.

6. Measurement

The area of spoil spreading shall be measured using a handheld Global Positioning System (GPS) unit or similar device after completion of the work. The area of spreading will be computed to the nearest 0.1 acre for each individual spreading area and the total area used for soil spreading.

7. Construction Detail