

**NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE SPECIFICATION**

OPEN CHANNEL

CODE 582

1. SITE PREPARATION

All trees, logs, brush and stumps shall be completely burned or removed from the site and disposed of in locations where the floodwater will not return it to the channel.

2. EXCAVATION

The completed channel shall be constructed to the alignment, grades and dimensions as shown in the plans within the following tolerances:

- a. The alignment is uniform and as planned with no projections along the bank to deflect the flow.
- b. The bottom and top widths of the channel improvement are not more than 1.0 foot less than the designed width.
- c. At least one-half of the elevations checked across the bottom of the channel at the cross section least likely to pass the design discharge shall be equal to or lower than the planned elevation, and no elevation more than 0.2 foot above grade will be permitted.

3. SPOIL

The spoil shall be removed from the channel and placed so that sloughing or interference to flood flows will not occur. The spoil shall be placed or spread as required by the plans.

4. MEASUREMENT

The completed excavation volume shall be computed by the average end area method and shall be the computed volume within the design lines unless a modification of the design has been authorized in a written change order signed and dated by the technician authorizing the change.