

NATURAL RESOURCES CONSERVATION SERVICE
WEST VIRGINIA
OPERATION AND MAINTENANCE REQUIREMENTS
CHANNEL BED STABILIZATION
CODE 584

Landowner/Operator _____

County _____ CD _____ Farm/Tract No. _____

Prepared By _____ Date _____

A properly installed and maintained channel bed stabilization practice can be an asset to the farm. The project was installed to stabilize the bed or bottom of a channel. The estimated life span of this installation is at least 10 years. The life of the practice can be assured and usually increased by developing and carrying out a systematic operation and maintenance program.

This practice requires periodic O&M to properly manage and keep the system in good repair. Items for consideration are:

- Inspect after significant storm events and at least annually to identify repair and maintenance needs. Damaged areas will be immediately repaired with materials similar to those used during the initial installation.
- Sufficient depth shall be maintained to provide adequate outlets for subsurface drains, tributary streams or ditches, or other channels.
- Remove foreign materials and vegetation that are interfering with proper operation only when necessary. Channel clearing to remove stumps, fallen trees, debris, and sediment bars shall only be done when they are causing or could cause detrimental bank erosion or structural failure of the project. Take into consideration fish habitat, fill and removal permit regulations, and period of the year work can be performed in the water portion of the stream.
- Maintain vigorous vegetated growth in riparian areas and for erosion control, fish and wildlife habitat, and aesthetics. Repair or replace bank protection materials displaced by erosion, animals, vehicles, and vandalism. Maintain grade control structures necessary for stream bottom and bank stability. Maintain stream bank protection measures (i.e. rock jetties, bank riprap, rock barbs, log revetments, etc.)
- Disposal areas shall be seeded and a vigorous growth of vegetation established and maintained. Reseed and fertilize as necessary to maintain stand and promote growth.
- Drainage patterns around the smoothed land and any disposal sites will be maintained. Any settlement will be filled and seeded to maintain positive drainage.
- Eradicate or otherwise remove all rodents and/or burrowing animals that have or can potentially damage any part of the system. Immediately, repair any damage caused by rodent activity, vandalism, vehicles, or livestock.
- Maintain safety measures for protection of people and animals.