



**Operation and Maintenance Plan
Grade Stabilization Structure, Code 410**



Landowner/Operator:		Date:	
NRCS Service Center:		Conservation District:	
Location of Practice:	Lat:	Long:	
UTM Coordinates:			
	SEC:	TS:	R:
		Field ID:	

GENERAL

A properly operated and maintained grade stabilization structure is an asset to your farm. This grade stabilization structure was designed and installed to stabilize an eroding area and to safely convey runoff from the drainage area. The estimated life span of this installation is at least 15 years. The life of the structure can be assured and possibly increased by performing operation and maintenance (O&M) activities.

This practice will require you to perform the O&M activities as listed below.

O&M REQUIREMENTS

- Avoid operating farm equipment too close to the structure.
- Maintain vigorous growth of desirable vegetative coverings. This includes reseeding, fertilization and controlled application of herbicides when necessary. Periodic mowing may also be needed to control height.
- Control livestock access to the structure.
- Remove all debris that may accumulate at the structure, and immediately upstream or downstream from the structure.
- Make sure all structure drains are functional and soil is not being transported through the drainage system, repair if not functioning. The screens and/or rodent guards shall also be kept in place and free of blockage.
- Eradicate or otherwise remove all rodents or burrowing animals. Immediately repair any damage caused by their activity. (If threatened species are involved, follow policy on endangered or threatened species.)
- Remove woody vegetation from embankments.
- Immediately repair any erosion, vandalism, vehicular, or livestock damage to any earthfills, spillways, outlets or other appurtenances.
- Determine and eliminate causes of settlement or cracks in the earthen sections and repair damage.
- Repair spalls, cracks and weathered areas in concrete surfaces.

