

**NATURAL RESOURCES CONSERVATION SERVICE**

**VIRGINIA**

**OPERATION AND MAINTENANCE REQUIREMENTS**

**STREAMBANK AND SHORELINE PROTECTION**

**CODE 580**

Land Owner/Operator \_\_\_\_\_

County \_\_\_\_\_ SWCD \_\_\_\_\_ Farm/Tract No. \_\_\_\_\_

Prepared By \_\_\_\_\_ Date \_\_\_\_\_

**OPERATION AND MAINTENANCE ITEMS**

A properly installed and maintained streambank or shoreline protection practice can be an asset to the farm. The project was installed to stabilize and protect banks of streams or constructed channels, shorelines of lakes, reservoirs, or estuaries. Estimated life span of this installation is 20 years. The life of the streambank or shoreline protection project can be assured and usually increased by developing and carrying out a systematic operation and maintenance program.

This practice will require periodic maintenance and may also require operational items to maintain satisfactory performance. Your operation and maintenance program includes:

- Inspect the project regularly, especially after heavy rains. Repair damaged areas with materials similar to those used during the initial installation.
- Revetments 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. All local, state, and federal permit regulations must be followed. Permits are the responsibility of the landowner.
- Maintain vigorous vegetative 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 the grades and elevations of the improvements necessary for bank stability. Maintain all other associated stream bank protection facilities, i.e. rock jetties, 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 cleared area and any disposal sites shall be maintained. Any settlement shall 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 their activity.

