

**NATURAL RESOURCES CONSERVATION SERVICE
OPERATION AND MAINTENANCE PLAN FOR
LINED WATERWAY OR OUTLET**

CODE 468

Name _____

Ident. No. _____

Legal Desc. _____

County _____

A properly operated and maintained lined waterway or outlet is an asset to your property. This structure was designed and installed to provide safe conveyance of runoff from conservation structures or other water concentrations without causing erosion or flooding, to stabilize existing and to prevent future gully erosion, or to protect and improve water quality. The estimated life span of this installation is at least 15 years. The life of this installation can be ensured and usually increased by developing and carrying out a good operation and maintenance program.

This practice will require you to perform periodic operation and maintenance for satisfactory performance. Here are some recommendations to help you develop a good operation and maintenance program. Contact the Natural Resources Conservation Service (NRCS) for technical assistance on repairs or major modifications to the lining or if erosion occurs and gullies form at the outlet.

General Recommendations

- Inspect the lining materials and downstream outlet at least annually and after any major storm event. Lining damaged by machinery or erosion must be repaired promptly.
- Repair spalls, cracks, and weathered areas in concrete surfaces. Replace weathered or displaced rock riprap to constructed grade.
- Maintain vigorous growth of desirable vegetation planted with turf reinforcement

mats. This includes fertilizing and applying herbicides when necessary. Avoid mowing at heights less than 6 inches to reduce damage to the mat.

- Avoid crossing the waterway lining or outlet with heavy equipment. Do not use the lining as a field road.
- To maintain capacity, remove any debris or sediment that may accumulate on the lining.
- To avoid damage to the mat, limit livestock access to the turf reinforcement mat lining.

Specific Recommendations

A major storm event is any rainfall that exceeds _____ inches for _____ County.

If you need additional technical assistance to implement the operation and maintenance plan for this structure, contact NRCS at your local USDA Service Center (listed in the telephone book under United States Government).