

**NATURAL RESOURCES CONSERVATION SERVICE
OPERATION AND MAINTENANCE PLAN FOR
WATERSPREADING**

CODE 640

Name _____

Ident. No. _____

Legal Desc. _____

County _____

Properly operated and maintained waterspreading is an asset to your property. This practice was designed and installed to supplement natural precipitation in areas where plants can effectively use additional moisture. The estimated life span of this installation is at least 15 years. The life of this practice 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.

General Recommendations

- Maintain cross section and gradient in all spreading channels or basins. Deep rip compacted areas or other areas as needed to maintain soil infiltration rates.
- Maintain design elevations and cross section of diversion dikes and appurtenances. Repair or replace side slope damage where needed.
- Remove debris, trash, and excess vegetation that may hinder system operation.

- Inspect structures and repair spalls, cracks, and weathered areas on concrete surfaces.
- Inspect rock riprap and replace weathered or displaced rock as needed to the constructed grade.
- Maintain vigorous growth of vegetation on seeded areas. Reseed and fertilize as necessary to maintain stand and growth.
- Inspect for damage by rodents or burrowing animals. Immediately repair any damage and take appropriate corrective actions to avoid further damage.
- Immediately repair any damage due to vandalism, vehicles, or livestock.

Specific Recommendations

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