

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

543 – LAND RECONSTRUCTION, ABANDONED MINED LAND

OPERATION AND MAINTENANCE

Sponsor/Land user: _____ Date: _____

Address: _____

Location GPS Coordinates Map Datum: _____ E _____ N _____

Quad Sheet Name _____ SEC _____ T _____ R _____

Properly operated and maintained abandoned mined land project is an asset to your farm. This project was designed and installed to stabilize abandoned mined areas so that they can be used to support desirable vegetation, reduce erosion and sedimentation, enhance water quality or quantity, maintain and improve the visual quality of the landscape, and protect public health, safety, and general welfare. The estimated life span of this installation is at least 10 years. The life of this installation can be assured 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 to maintain satisfactory performance. Here are some recommendations to help you develop a good operation and maintenance program.

GENERAL RECOMMENDATIONS

- Maintain appropriate warning signs.
- All fences, railings, and/or warning signs shall be maintained to prevent unauthorized human, vehicle or livestock entry.
- Inspect project site yearly and fill areas where settlement is adversely affecting drainage and land use.
- Add soil amendments to soils that cannot support adequate vegetation or replace them with suitable soil material.
- Inspect haul roads and approaches to and from the project frequently to determine the need for stabilizing materials. Repair as needed.
- Inspect drainage structures and channels. Remove any obstructions to keep structures and channels clean and functional. Take corrective actions to address any erosion that occurs.
- Visually inspect grazed land. Take corrective actions to address any erosion that occurs. Seek the advice of the local NRCS for proper grazing practices to eliminate any future erosion.

- Inspect project area after heavy rains. Promptly repair any damage. Fill rills and gullies that occur and re-vegetate.
- Maintain vigorous growth of vegetative coverings. This includes reseeding, fertilization, and application of herbicides when necessary. Periodic mowing may also be needed to control height.
- Immediately repair any vandalism, vehicular, or livestock damage.
- Inspect for damage from rodents or burrowing animals. Repair any damage. Take appropriate corrective actions to alleviate further damage.
- Avoid excessive travel on any portion of the system that will harm or destroy the vegetative cover.

SPECIFIC RECOMMENDATIONS FOR YOUR PROJECT



CONTACT YOUR LOCAL NATURAL RESOURCES CONSERVATION SERVICE OFFICE FOR ANY ADDITIONAL TECHNICAL ASSISTANCE YOU MIGHT NEED FOR IMPLEMENTATION OF THIS OPERATION AND MAINTENANCE PLAN FOR YOUR ABANDONED MINED LAND PROJECT.