

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL REOUSRCES CONSERVATION SERVICE
_____, TEXAS

OPERATION AND MAINTENANCE PLAN
IRRIGATION FIELD DITCH

Sponsor/Land user: _____ Date: _____

Address: _____

Legal description of practice location: SEC _____ T _____ R _____

A properly operated and maintained irrigation field ditch is an asset to your farm. This ditch was designed and installed to convey irrigation water in a pipeline where it can be distributed for use. The estimated life span of this installation is at least 10 years. The life of this practice 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 maintenance and may also require operational items to maintain satisfactory performance. Here are some recommendations to help you develop a good operation and maintenance program.

GENERAL RECOMMENDATIONS

- Control growth of vegetation that reduces the capacity of earthen ditches.
- Control the siltation in ditches by diverting silt-laden water or use desilting facility prior to water entering the ditch.
- If livestock are present, the ditch shall be fenced to prevent their entry,
- Remove all debris that hinders system operation.
- Investigate as to cause and repair sections of excessive leakage.
- Maintain all associated structures in sound and functional condition.
- Eradicate or otherwise remove all rodents or burrowing animals. Immediately repair any damage caused by their activity.
- Immediately repair any vandalism, vehicular, or livestock damage.

