

**NATURAL RESOURCES CONSERVATION SERVICE
OPERATION AND MAINTENANCE PLAN FOR
IRRIGATION SYSTEM, TAILWATER RECOVERY**

CODE 447

Name _____

Ident. No. _____

Legal Desc. _____

County _____

A properly operated and maintained irrigation system is an asset to your farm. This structure was designed and installed to conserve irrigation water supplies and improve off-site 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.

General Recommendations

- Periodically clean and regrade the collection facilities to maintain proper flow lines and functionality.
- Periodically check and remove debris (as necessary) from trash racks and structures to ensure proper operation.
- Periodically remove sediment from traps and/or storage facilities to maintain design capacity and efficiency.

- Inspect or test all pipeline and pumping plant components and appurtenances (as applicable).
- Maintain all mechanical components in accordance with the manufacturer's recommendations.
- Inspect the storage facilities for damage soon after storm events. Repair and perform maintenance as needed.
- Inspect for damage by rodents or burrowing animals. Immediately repair any damage and take appropriate corrective actions to avoid further damage.

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).