

**NATURAL RESOURCES CONSERVATION SERVICE
OPERATION AND MAINTENANCE PLAN FOR
IRRIGATION RESERVOIR**

CODE 436

Name _____

Ident. No. _____

Legal Desc. _____

County _____

A properly operated and maintained irrigation reservoir is an asset to your farm. This structure was designed and installed to store water to provide a reliable irrigation water supply or regulate available irrigation flows, improve water use efficiency on irrigated land, provide storage for tailwater recovery and reuse, provide irrigation runoff retention time to increase breakdown of chemical contaminants, or reduce energy consumption.

by erosion, and remove undesirable vegetation.

- Periodically remove the sediment from traps or storage facilities to maintain design capacity and efficiency.
- Periodically inspect or test all pipelines and pumping plant components and appurtenances as applicable.

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.

Specific Recommendations for this Project

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.

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).

General Recommendations

- Periodically clean and regrade the water storage facilities to maintain functionality.
- Periodically inspect, remove debris, and repair (if needed) the trash racks and inlet and outlet structures to ensure proper operation.
- Conduct routine maintenance of mechanical components in accordance with the manufacturer's recommendations.
- Periodically inspect the embankments and earth spillways, repair any damage caused