

**NATURAL RESOURCES CONSERVATION SERVICE
OPERATION AND MAINTENANCE PLAN FOR
STRUCTURE FOR WATER CONTROL**

CODE 587

Name _____
Legal Desc. _____

Ident. No. _____
County _____

A properly operated and maintained structure for water control is an asset to your farm. This structure was designed and installed to control the stage, discharge, distribution, delivery, or direction of water flow. The estimated life span of this installation is at least 20 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.

Inline Water Level Control Structure

Annually lubricate the O-rings of each stoplog with lithium grease and clear debris from the tracks and inside the bottom of the structure.

General Recommendations

- Document water level scheduling where applicable.
- Check structures and perform necessary maintenance, including removal of debris and sediment after major storms and at least semi-annually.
- Maintain the width, height, and side slopes of soil berms and embankments.
- Investigate for cracks or settlement in earthen sections and repair promptly.
- Check all rock riprap and erosion control matting sections for accelerated weathering and displacement of materials. Replace

materials as needed to maintain the original shape and grade.

- Maintain vigorous growth of vegetation. Reseed, fertilize, and apply herbicides when necessary. Mow periodically or use short-term grazing to control height.
- Limit traffic and do not use the structure as a road. Avoid travel that may harm or destroy the vegetation.
- Drain structures when not being used. Remove accumulated soil and debris and any blockage that may restrict capacity.
- Avoid the use of tillage equipment that accelerates soil removal.
- If livestock are present, prevent access to components that could be damaged by livestock.
- 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).