

U.S DEPARTMENT OF AGRICULTURE
 NATURAL RESOURCES CONSERVATION SERVICE
 OREGON

**OPERATION AND MAINTENANCE WORKSHEET
 STRUCTURE FOR WATER CONTROL
 CODE 587**

| | | | | | | |
|--------------------|--|--|--|--------------|------|--|
| Landowner/Operator | | | | | | |
| Job Location | | | | | | |
| County | | | | SWCD | | |
| Farm/Tract No. | | | | Referral No. | | |
| Prepared By | | | | | Date | |

Operation and Maintenance Items

A properly operated and maintained structure for water control is an asset to the farm. The structure was designed and installed to control water stage, discharge, distribution, delivery, or direction of flow. Estimated life span of this installation is at least 10 years. The life of the structure can be assured and usually increased by developing and carrying out a good operation and maintenance program.

This practice will require periodic maintenance and may also require operational items to maintain satisfactory performance. A good operation and maintenance program includes:

- ⇒ Maintain the width, height, and side slopes of soil berms.
- ⇒ Drain all structures when not being used. Remove accumulated soil and debris and any blockage that restricts capacity.
- ⇒ Repair any cracks or breaks. If settlement is present, investigate the cause and design repairs accordingly.
- ⇒ Avoid the use of tillage equipment that accelerates soil removal. If livestock are present, prevent access to components subject to damage by livestock.
- ⇒ Check concrete surfaces for accelerated weathering, spalling, settlement, alignment or cracks. Repair immediately, as reinforcement steel can be exposed and reduce the life of the structure. Repair any vandalism, vehicular, or livestock damage.

Special Operation and
Maintenance Requirements