

**NATURAL RESOURCES CONSERVATION SERVICE
OPERATION AND MAINTENANCE PLAN FOR
DAM, DIVERSION**

CODE 348

Name _____

Ident. No. _____

Legal Desc. _____

County _____

A properly operated and maintained dam that diverts water is an asset to your property. This structure was designed and installed for one of the following purposes:

- To divert all or part of the water from a waterway in such a manner that it can be controlled and used beneficially.
- To divert periodically damaging flows from one watercourse to another watercourse, thereby reducing the damage potential of the flows.

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. Contact the Natural Resources Conservation Service (NRCS) for technical assistance on repairs or major modifications to the structure.

General Recommendations

- Periodically inspect the spillways and control gates for proper functioning and their ability to maintain the water level to design elevations.
- Immediately remove any blockage or obstructions of spillways, trash racks, and pipelines.

- Immediately repair any damage due to vandalism, vehicles, or livestock that has been done to the structure or other appurtenances such as gates and screens.
- Check all structure drains at least annually for flow and note the flow rate along with the upstream water level. Keep screens and/or rodent guards in place.
- Remove woody vegetation from around the structure or on embankments.
- Repair spalls, cracks, and weathered areas in concrete surfaces. Repair or replace rusted or damaged metal and paint it.
- Inspect rock riprap and replace weathered or displaced rock as needed to the constructed grade.

Specific Recommendations

If you need additional technical assistance to implement the operation and maintenance plan for this structure, contact NRCS at your local USDA Service Center (listed in the telephone book under United States Government).