

**UNITED STATES DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE  
\_\_\_\_\_, OKLAHOMA**

**OPERATION AND MAINTENANCE PLAN  
IRRIGATION PIPELINE - RIGID GATED PIPELINE**

Sponsor/Land user: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Legal description of practice location: SEC \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_

A properly operated and maintained irrigation pipeline is an asset to your farm. This irrigation pipeline was designed and installed to transmit water to where it may be utilized. The estimated life span of this installation is at least 15 years. The life of this pipeline can be assured and usually increased by developing and carrying out a good operation and maintenance program.

This practice will require you to perform periodic maintenance and may also require operational items to maintain satisfactory performance. Here are some recommendations to help you develop a good operation and maintenance program.

**GENERAL RECOMMENDATIONS**

- Check to make sure all valves and air vents are set at the proper operating condition so they may provide protection to the pipeline.
- Maintain the design depth of cover over the pipeline.
- Avoid travel over pipelines by tillage equipment when the soil is saturated.
- Avoid any subsoiling operation that may disturb the pipeline.
- Remove all foreign debris that hinders system operation.
- Drain the system and components in areas that are subject to freezing. If parts of the system cannot be drained, an anti-freeze solution shall be added.
- Eradicate or otherwise remove all rodents or burrowing animals. Immediately repair any damage caused by their activity.
- Allow the time to fill gradually when being put into use after shut down or draining.

