

**NATURAL RESOURCES CONSERVATION SERVICE  
OPERATION AND MAINTENANCE PLAN  
ARIZONA**

**IRRIGATION PIPELINE**

(Ft.)

**CODE 430**

Cooperator \_\_\_\_\_ Date \_\_\_\_\_

Address \_\_\_\_\_

Location: Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_ Field No. \_\_\_\_\_  
 Northing \_\_\_\_\_ Easting \_\_\_\_\_ **OR** Longitude \_\_\_\_\_ Latitude \_\_\_\_\_

NRCS Field Office \_\_\_\_\_ County \_\_\_\_\_

This conservation practice is an asset to your farm or ranch. This practice will need periodic operation and maintenance to maintain satisfactory performance. The life of this practice or system is at least 20 years. The life of this practice can be assured or extended by thorough and timely operation and maintenance.

**GENERAL RECOMMENDATIONS**

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.

- Prevent surface ponding by grading to remove depressions.*
- Limit livestock usage to periods that permit use without damage.*
- If fences are installed, they shall be maintained to provide warning and/or prevent unauthorized human or livestock entry.*
- 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 and avoid any sub-soiling operation that may disturb the pipeline.*
- Limit traffic over the pipeline to designated sections that were designed for traffic loads and avoid travel over pipelines by tillage equipment when the soil is saturated.*
- 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.*
- Allow the pipe to fill gradually when being put into use after shut down or draining.*
- Periodically check and repair all valves, gates and regulators to the system requirements following the manufacturer's recommendations.*
- Immediately repair any damage from vandalism, vehicles, rodents or livestock to any outlets and appurtenances.*
- Checking coatings on fiberglass and plastic tanks and re-coating as needed to maintain effective ultraviolet resistance;*
- Maintaining appurtenance features (valves, piping, floats, drains, fences, etc.) in functional and protected conditions;*

