

United States Department of Agriculture
 Natural Resources Conservation Service
 Arizona

Operation and Maintenance Plan For Your Pumping Plant For Water Control

Cooperator

Date

Address

Location: Section

Twn

Range

Field No.

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 10 years. The life of this practice can be assured or extended by thorough and timely operation and maintenance. Here are some recommendations to help you develop a good operation and maintenance program.

GENERAL RECOMMENDATIONS

Maintain all pumps, agitators, piping, valves, and other electrical and mechanical equipment in good operating condition following the manufacturer's recommendations.

Maintain grounding rods and wiring of all electrical equipment in good working condition.

Maintain all safety shields on pumps, motors, or other electrical or mechanical equipment.

Check all pump bases and mountings for durability and ability to hold the pump in place without vibration; repair when necessary.

Replace, repack, or tighten the seals when leakage is in excess of manufacturer's recommendations.

Drain all pumps and piping including valves that are subject to freezing. If parts of the system cannot be drained, a non-corrosive anti-freeze solution shall be added.

Replace weathered or displaced rock riprap to constructed grade.

Maintain surface drainage around the pumping plant to avoid ponding of water.

Contact your local Natural Resources Conservation Service for any additional technical assistance that you might need for implementation of this operation and maintenance plan for your structure.

Immediately repair any damage from vandalism, vehicles, or livestock to the structure, earthen areas surrounding the structure, or any appurtenances.

Control all rodents or burrowing animals. Immediately repair any damage caused by their activity.

Specific Recommendations For Your Installation

Contact your local Natural Resources Conservation Service for any additional technical assistance that you might need for implementation of this operation and maintenance plan for your structure.