

**OPERATION AND MAINTENANCE PLAN
IRRIGATION PIT
CODE 552-A**

Landowner/Operator _____

Job Location _____ GPS _____

Prepared By _____ Date _____

OPERATION AND MAINTENANCE ITEMS

A properly operated and maintained Irrigation Pit is an asset to your farm. This structure was designed and installed to intercept and store water for irrigation purposes. Estimated life span of this installation is at least 10 years. The life of this installation can be assured and usually increased by developing and carrying out an effective operation and maintenance program. An effective operation and maintenance program includes:

- Periodically inspect the spillways and control gates for proper functioning including their ability to maintain the water level to design elevations. Remove any blockage or obstructions in spillways. Periodically operate gates and valves to help assure proper function.
- Maintain vigorous growth of vegetative coverings. This includes reseeding, fertilizing, and application of herbicides when necessary. Periodic mowing or controlled grazing may also be needed to control vegetation height.
- Maintain installed fences to prevent unauthorized human or livestock entry.
- Repair any vandalism, vehicular, or livestock damage.
- Remove debris that may accumulate in the reservoir and immediately upstream or downstream from inlet and outlet facilities.
- Keep screens and/or rodent guards maintained and in place.
- Remove rodents or burrowing animals and repair any damage caused by their activity.

Other _____
