

**OPERATION AND MAINTENANCE PLAN
IRRIGATION SYSTEM - TAILWATER RECOVERY
CODE 447**

Land Owner/Operator _____

Job Location _____ GPS _____

Prepared By _____ Date _____

OPERATION AND MAINTENANCE ITEMS

This system was designed and installed to return runoff water from the irrigation system to a point where water can be reused for an irrigation supply. The life of the system can be assured and usually increased by developing and carrying out an effective operation and maintenance program. An effective program includes:

- Control field soil erosion to help minimize sediment deposits in tailwater facilities.
- Periodically clean and re-grade collection components to maintain proper flow lines and functionality.
- Periodically check and remove debris as necessary from trash racks and structures to assure proper operation.
- Periodically remove sediment from traps and/or storage components to maintain design capacity and efficiency.
- Prevent, and if necessary, remove crop residue and foreign debris from entering water conveyance facilities. Properly cleaned and maintained screens help minimize required system maintenance.
- Periodically check all above ground pipeline connections and structures for leaks and proper operation.
- Perform motor and engine maintenance according to a fixed schedule based on hours of operation in addition to “as needed” maintenance based on observation.
- Maintain all mechanical components in accordance with the manufacturer’s recommendations.

Other _____

