

OPERATION AND MAINTENANCE
Irrigation System Tailwater Recovery (447)
Tennessee

Landowner/Operator: _____

Practice Location: _____

County: _____ Farm/Tract Number: _____

Prepared By: _____ Date: _____

Inspections and maintenance are required to achieve the intended function, benefits, and life of the practice. The landowner/operator is responsible to establish and implement an inspection and maintenance program. Items to inspect and maintain during the 15-year design life of the practice include, but are not limited to, the following:

- Check the irrigation tailwater system periodically and after major storm events.
- Repair eroded areas immediately and establish a permanent vegetative cover.
- Check all above ground connections, trash racks and structures for proper operation. This includes but is not limited to removing debris as necessary from trash racks and structures.
- Prevent and if necessary remove all crop residue and foreign debris from entering the tailwater recovery system.
- Periodically clean and re-grade collection facilities to maintain proper flow lines and functionality.
- All pumps, structures, ponds, and/or conveyance systems shall be maintained in good operating condition with O&M performed as per site specific recommendations for each component.
- Inspect or test all pipelines, pumping plant components and appurtenances, as applicable.
- Perform routine maintenance of all mechanical components in accordance with the manufacturer's recommendations.
- Eradicate or otherwise remove all rodents or burrowing animals. Immediately repair any damage caused by their activity. (If threatened species are involved, follow policy on endangered or threatened species.)
- Periodically remove sediment from traps and/or storage facilities to maintain design capacity and efficiency.

SIGNATURES

Landowner/Operator: _____ Date: _____

Reviewer: _____ Date: _____