



**Operation and Maintenance Plan  
Irrigation System, Tailwater Recovery, Code 447**



Landowner/Operator:	<input type="text"/>			Date:	<input type="text"/>
NRCS Service Center:	<input type="text"/>	Conservation District:	<input type="text"/>		
Location of Practice:	Lat:	<input type="text"/>	Long:	<input type="text"/>	
UTM Coordinates:	<input type="text"/>				
	SEC:	<input type="text"/>	TS:	<input type="text"/>	R: <input type="text"/> Field ID: <input type="text"/>

GENERAL

A properly operated and maintained irrigation tailwater recovery system is an asset to your farm. This system was designed and installed to return runoff water from your irrigation to a point where it can be reused for an irrigation supply. The estimated life span for an irrigation tailwater recovery structure is at least 15 years. The life of the system can be assured and possibly increased by performing operation and maintenance (O&M) activities.

This practice will require you to perform the O&M activities as listed below.

O&M REQUIREMENTS

- \* Periodically 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 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 in good operating condition with O&M performed as per site specific recommendations for each component.
- \* Inspect or test all pipelines and pumping plant components and appurtenances, as applicable.
- \* 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.
- \* Perform routine maintenance of all mechanical components in accordance with the manufacturer's recommendations.

