

**OPERATION AND MAINTENANCE
IRRIGATION SYSTEM, SPRINKLER
CODE 442**

Landowner/Operator _____

Practice Location _____

County _____ Farm/Tract No. _____

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 10-year design life of the practice include, but are not limited to, the following:

1. Inspect after significant storm events and at least annually to identify repair and maintenance needs.
2. Follow your irrigation water management plan.
3. Promptly repair or replace damaged or inoperable components.
4. Periodically check and remove debris and sediment as necessary from nozzles to assure proper operation.
5. Inspect or test all pipeline and pumping plant components and appurtenances, as applicable.
6. Regularly test pressures and flow rates to assure proper operation.
7. Periodically check all nozzles and spray heads for proper operation and wear.
8. Perform routine maintenance of all mechanical components in accordance with the manufacturer's recommendations.
9. Prior to retrofitting any electrically powered irrigation equipment, electrical service must be disconnected and the absence of stray electrical current verified.
10. Maintain records of:
 - a. crop type and location for each crop irrigated
 - b. source of the water used
 - c. date and amount of each irrigation water application
 - d. system inspections and repairs that influence uniformity and leaks
 - e. calibration or fertigation and chemigation equipment, if used
 - f. results of sprinkler system uniformity evaluations
11. Complete state water use reporting requirements where total farm water withdrawal capacity is equal to or greater than 100,000 gallons per day.

Signatures

Landowner/Operator: _____ Reviewer: _____ Date: _____