

**NATURAL RESOURCES CONSERVATION SERVICE  
STATEMENT OF WORK**

**IRRIGATION SYSTEM, MICROIRRIGATION  
(No. and Ac.)  
CODE 441**

**DESIGN**

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**Deliverables:**

1. Design documentation that will demonstrate the criteria in the Natural Resources Conservation Service (NRCS) practice standard have been met and are compatible with other planned and applied practices.
  - a. Compliance with NRCS national and state utility safety policy (NEM Part 503 Safety, Engineering Activities Affecting Utilities 503.00 through 503.06).
  - b. List of associated electronic Field Office Technical Guide (eFOTG) conservation practices included in the project.
  - c. Practice standard criteria substantiating data, computations, and analyses to develop plans and specifications including but not limited to:
    - i. System Capacity,
    - ii. Depth of Application, Rate, Frequency, Pressure and Uniformity,
    - iii. Hydraulics,
    - iv. Filters and chemical injection,
    - v. Safety considerations.
2. Written plans and specifications including sketches and drawings shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits. Plans shall include but not be limited to: Adequate location map, plan view, profiles, cross sections, details, and specifications to ensure that the project can be properly constructed and permits secured.
3. Design Report and Inspection Plan as appropriate (NEM Part 511, Design Documentation, 511.11 and Part 512, Construction, 512.30 through 512.32).
  - a. The design report shall include, but is not limited to the following:
    - i. Management assessment.
    - ii. Design documentation from item 1 listed above.
  - b. The inspection plan must describe the type and frequency of testing, items requiring inspection, the documentation required, and the qualifications of the person doing the work.
4. Operation and maintenance plan.
5. Itemized engineer's cost estimate.
6. Certification that the design meets practice standard criteria and complies with applicable laws and regulations (NEM Part 505, Non-NRCS Engineering Services, 505.03(b)(2)).

CERTIFICATION OF COMPLETION  
Irrigation System, Microirrigation (441)  
Design

**Program Participant Information**

Name (print): \_\_\_\_\_

Contract Number: \_\_\_\_\_ Contract Item Number(s): \_\_\_\_\_

**Technical Service Provider (TSP) Information**

Name (print): \_\_\_\_\_

TSP ID Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

*I hereby certify that the technical services I provided as a Technical Service Provider for this component(s) checked above:*

- (1) Comply with all applicable Federal, State, Tribal, and Local laws and requirements,*
- (2) Meet applicable USDA NRCS conservation practice standards, specifications, and program requirements,*
- (3) Are consistent with and meet the particular conservation program goals and objectives,*
- (4) That I have provided the above named Program Participant the Deliverables in this Statement  
of Work for this component, and*
- (5) Comply with all "Certification Terms" as identified in the Technical Service Provider Certification Agreement.*

\_\_\_\_\_  
**Technical Service Provider Signature**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Received By (NRCS staff)**

\_\_\_\_\_  
**Date**

STATEMENT OF WORK  
USDA, Natural Resources Conservation Service  
Arkansas  
Irrigation System, Microirrigation (441)

## **INSTALLATION**

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### **Deliverables**

1. Documentation of pre-construction conference with client and contractor.
2. Verification that client has obtained required permits.
3. Staking and layout according to plans and specifications including applicable layout survey notes.
4. Installation inspection (according to inspection plan).
  - a. Materials used.
  - b. Inspection records.
  - c. Maintaining a job diary with the dates and record of inspections made, testing completed, instruction provided to the contractor, etc., to document compliance with standards and specifications.
5. Facilitate, implement and document required design modifications with client, original designer, permitting and funding agencies.
6. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.
7. Certification that the installation process and materials meet design and permit requirements.

CERTIFICATION OF COMPLETION  
Irrigation System, Microirrigation (441)  
Installation

**Program Participant Information**

Name (print): \_\_\_\_\_

Contract Number: \_\_\_\_\_ Contract Item Number(s): \_\_\_\_\_

**Technical Service Provider Information**

Name (print): \_\_\_\_\_

TSP ID Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

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\_\_\_\_\_  
*Technical Service Provider Signature*

\_\_\_\_\_  
*Date*

\_\_\_\_\_  
*Received By (NRCS staff)*

\_\_\_\_\_  
*Date*

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## **CHECKOUT**

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### **Deliverables**

1. Supporting documentation.
2. As-Built drawings
  - a. Drawings with changes from the original construction plans clearly shown.
  - b. Certification that the installation meets NRCS standards and specifications and is in compliance with permits (NEM Part 505, Non-NRCS Engineering Services, 505.03(c)(1)).
3. Extent of practice units applied and location identified on a map.
  - a. Completed job diary noting inspections made, testing completed, etc.
  - b. Materials documentation.
  - c. Testing reports to determine effectiveness of the amendment.
  - d. Survey notes for layout, inspections, and final checkout documenting compliance with standards and specifications.
4. Provide the following information to the NRCS field office servicing the relevant land unit for entry into the Performance Results System (PRS):
  - a. Technical Service Provider Name
  - b. Customer name
  - c. USDA program funding the practice (if known)
  - d. Location of work (state, county, conservation district, land tract identifier)
  - e. Land use of field where the practice was installed (cropland, etc.)
  - f. NRCS practice name and quantity of practice installed in appropriate units
5. Completion report in accordance with permit requirements.

CERTIFICATION OF COMPLETION  
Irrigation System, Microirrigation (441)  
Checkout

**Program Participant Information**

Name (print): \_\_\_\_\_

Contract Number: \_\_\_\_\_ Contract Item Number(s): \_\_\_\_\_

**Technical Service Provider Information**

Name (print): \_\_\_\_\_

TSP ID Number: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

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\_\_\_\_\_  
*Technical Service Provider Signature* \_\_\_\_\_  
*Date*

\_\_\_\_\_  
*Received By (NRCS staff)* \_\_\_\_\_  
*Date*

**STATEMENT OF WORK**

USDA, Natural Resources Conservation Service

Arkansas

Irrigation System, Microirrigation (441)

**REFERENCES**

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- AR NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard, Irrigation System, Microirrigation, 441.
- NRCS Engineering Field Handbook, 210-VI-NEH-Part 650, Chapter 15, (Irrigation)
- National Engineering Handbook, NEH Section 15
- NRCS National Engineering Manual (NEM)
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook