

## STATEMENT OF WORK IRRIGATION SYSTEM, MICROIRRIGATION (441)

**These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work.**

### DESIGN

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#### Deliverables

1. Design documentation that will demonstrate that the criteria in the NRCS practice standard have been met and are compatible with other planned and applied practices.
  - a. Practice purpose(s) as identified in the conservation plan
  - b. List of required permits to be obtained by the client
  - c. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities, Section 503.00 through 503.06 and NE503.02(d))
  - d. List of facilitating/component practices
  - e. Practice standard criteria related 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
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.
3. Operation and Maintenance Plan
4. Certification that the design meets practice standard criteria and complies with applicable laws and regulations (NEM Subpart A, 505.03(b)(2)).
5. Design modifications during installation as required.
6. Additional details for design documentation as found in [Nebraska Irrigation System, Microirrigation Practice Documentation Requirement](#) for resource inventories and surveys, design, plans and specifications.

### INSTALLATION

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#### Deliverables

1. Pre Installation 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 notes.
4. Installation inspection (according to inspection plan as appropriate).
  - a. Actual materials used (NEM Part 512, Subpart D Quality Assurance Activities, 512.33)
  - b. Inspection records
5. Facilitate and implement required design modifications with client and original designer.
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 meets design and permit requirements (for guidance, see NEM Subpart A, 503.03(c)(1)).
8. Installation documentation in accordance with [Nebraska Irrigation System, Microirrigation Practice Documentation Requirement](#) for layout.

**STATEMENT OF WORK  
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**CHECK OUT**

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**Deliverables**

1. As-Built documentation.
  - a. Extent of practice units applied
  - b. Drawings
  - c. Final quantities
2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits (NEM Subpart A, 505.03(c)(1)).
3. Progress reporting.
4. Check-out documentation in accordance with [Nebraska Irrigation System, Microirrigation Practice Documentation Requirement](#) for compliance checking.

**REFERENCES**

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See [Nebraska Irrigation System, Microirrigation Practice Documentation Requirement](#) for references