

April 12, 2004

## STATEMENT OF WORK IRRIGATION SYSTEM, SPRINKLER (442)

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 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, 503.00 through 503.06](#))
  - 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
2. Written plans and specifications including sketches and drawings as well as any applicable guide sheets 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 comply with applicable laws and regulations ([NEM Part 505, Non-NRCS Engineering, 505.03 \(a\) \(3\)](#)).
5. Design modifications during installation as required.

### 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, Construction, 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.

### 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 Part 505, Non-NRCS Engineering, 505.03 \(c\) \(1\)](#)).
3. Progress reporting.

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**STATEMENT OF WORK  
IRRIGATION SYSTEM, SPRINKLER (442)**

**REFERENCES**

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- [NRCS Field Office Technical Guide \(eFOTG\), Section IV, Conservation Practice Standard - Irrigation System-Sprinkler, 442](#)
- [NRCS Field Office Technical Guide \(eFOTG\), Section IV, Guide Sheet – Wastewater Irrigation, AL634](#)
- [National Engineering Manual \(NEM\)](#).
- [NRCS National Environmental Compliance Handbook](#)
- [NRCS Cultural Resources Handbook](#)

**CONTACT INFORMATION**

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