

STATEMENT OF WORK
IRRIGATION SYSTEM, SPRINKLER (442)
South Carolina

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

DESIGN

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, Subpart A - Engineering Activities Affecting Utilities 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. Provide written plans and specifications including sketches and drawings that adequately describe the requirements to install the practice and obtain necessary permits to the client.
3. Operation and Maintenance Plan
4. Certification that the design meets practice standard criteria and comply with applicable laws and regulations (NEM Subpart A, 505.03 (a) (3)).
5. Design modifications during installation as required.

INSTALLATION

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 (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.

CHECK OUT

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.

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REFERENCES

- South Carolina NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard - Irrigation System-Sprinkler, 442
- NRCS National Engineering Manual (NEM).
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook

CERTIFICATION

Cooperator: _____ Contract No. _____
 County: _____ Tract No. _____
 Field No. _____

DESIGN: The design of this practice meets the requirements of South Carolina NRCS Practice Standard 442, *Irrigation System, Sprinkler*.

By: _____ Date _____
(Signature)

Qualifications: Certified Irrigation Designer No. _____ **OR**

SC Professional Engineer Registration No. _____

Company: _____

NRCS ACTION: Design submittal reviewed. Approved for Installation.

By: _____ Date _____
(Signature)

INSTALLATION: The practice was installed in accordance with the approved drawings and specifications.

By: _____ Date _____
(Signature)

Company: _____