

**NATURAL RESOURCES CONSERVATION SERVICE
STATEMENT OF WORK**

**IRRIGATION WATER MANAGEMENT
(Acre)**

CODE 449

DESIGN

Deliverables:

1. Design documents that demonstrate criteria in NRCS practice standard have been met and are compatible with 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, along with other participant (client) responsibilities (Reference Form CO-ENG-13, Notification of Participant Responsibilities)
 - c. List of facilitating practices
 - d. Practice standard criteria-related computations and analyses to develop plans and specifications including but not limited to:
 - i. Volume of water (per irrigation and per season)
 - ii. Frequency of irrigation
 - iii. Application rate
 - iv. Environmental 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. All applicable State and Federal (OSHA) safety requirements shall be addressed in the plans and specifications where appropriate.
3. Operation and maintenance plan.
4. Certification that the water management plan(s) meets practice standard criteria and comply with applicable laws and regulations. For jobs completed by NRCS employees, affix the approval signature of the individual with delegated job approval authority to any drawings or documents. For jobs completed by non-NRCS employees, affix the signature of the person preparing and certifying any drawings or documents.
5. Design modifications during installation as required.

INSTALLATION

Deliverables

1. Pre-installation conference with client.
2. Verification that client has obtained required permits.

3. Staking and layout of measures according to plans and specifications including applicable layout notes.
4. Installation guidance as needed.
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 meet design and permit requirements.

CHECK OUT

Deliverables

1. Records of installation.
 - a. Extent of practice units applied
 - b. Actual amount of water applied during the growing season
2. Certification that the application meets NRCS standards and specifications and is in compliance with permits.
3. Progress reporting.

REFERENCES

- NRCS Colorado Field Office Technical Guide, Irrigation Water Management 449, Conservation Practice Standard
- NRCS National Engineering Handbook, part 652, National Irrigation Guide
- NRCS National Engineering Manual
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook
- NRCS Colorado Irrigation Guide
- CO-ENG Forms: eFOTG Section IV, Tools