

STATEMENT OF WORK
Irrigation Water Management (449)
New York

These deliverables apply to this individual practice. Refer to specific Statements of Work for other planned practice deliverables.

Items marked with an asterisk (*) will be delivered to the Designated Conservationist

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
 - 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 & per season)
 - ii. Frequency of irrigation
 - iii. Application rate
 - iv. Environmental considerations
2. Written plans and specifications that adequately describe the requirements to install the practice and obtain necessary permits including sketches and drawings shall be provided to the client
3. ***Operation and maintenance plan.**
4. ***In cases where the practice location has changed, include a statement notifying NRCS of the change(s) in location and a map showing the new practice location. The statement will include the landowner's name, program name, contract number and practice name.**
5. ***Signed *Warranty of Technical Services Provided* form indicating compliance with practice standard criteria and applicable laws and regulations.**
6. Design modifications during installation as required.

INSTALLATION

Deliverables

1. Delay of installation until TSP receives written verification from NRCS that all NEPA requirements have been satisfied for this practice.
2. Pre-installation conference with client.
3. Verification that client has obtained required permits.
4. Staking and layout of measures according to plans and specifications including applicable layout notes.
5. Installation guidance as needed.
6. Facilitate and implement required design modifications with client and original designer.
7. ***Advise client and NRCS on compliance requirements with all Federal, State, Tribal, and local laws, regulations and NRCS policies.**

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8. ***Signed *Warranty of Technical Services Provided* form indicating compliance with practice standard criteria and applicable laws and regulations.**

CHECK OUT

Deliverables

1. ***Records of installation.**
 - a. **Extent of practice units applied**
 - b. **Actual amount of water applied during the growing season**
 - c. **A log book documenting rainfall and irrigation applications as well as any system maintenance performed. The log should contain the date of rainfall or irrigation, field(s) or location of irrigation, the length of irrigation and the flow rate**
 - d. **Documentation of the method employed to determine the need for irrigation including pre-irrigation rainfall data, such as the feel and appearance method, tensiometers, electro conductivity meter or other moisture monitoring devices**
2. ***Signed *Warranty of Technical Services Provided* form indicating compliance with practice standard criteria and applicable laws and regulations.**
3. Progress reporting.

REFERENCES

- NRCS Field Office Technical Guide, Section IV - Conservation Practice Standard - Irrigation Water Management (449)
- NRCS National Engineering Handbook, Part 652, National Irrigation Guide
- NRCS National Engineering Manual
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook