

**STATEMENT OF WORK**  
**Irrigation Water Management (449)**  
**Kentucky**

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

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**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 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 comply with applicable laws and regulations.
5. Design modifications during installation as required.

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**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.

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**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.

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**SPECIAL REQUIREMENTS FOR COST SHARED PRACTICES**

As noted in GM KY Supplement 450-407.12: Certifying Performance for Cost Sharing (June 2008)

- A. All practices will be located and identified using Global Positioning Systems (GPS) unit. (See GM KY 450-407.12 for additional guidance.)
  - B. Practices receiving cost share assistance will be photo identified with no less than one before picture and no less than one after picture. (See GM KY 450-407.12 for additional guidance)
- A quick link to the policy is: [ftp://ftp-fc.sc.egov.usda.gov/KY/GM\\_Supplement\\_450.pdf](ftp://ftp-fc.sc.egov.usda.gov/KY/GM_Supplement_450.pdf)

**SUPPORTING DATA AND DOCUMENTATION**

The following is a list of the minimum data and documentation to be recorded in the case file:

1. Documentation of site visits on CPA-6 assistance notes. Include dates of site visits, name or initials of the person who made the visit, specifics as to what was inspected, all alternatives discussed, decisions made, and by whom;
2. Plan map of the managed site, including treatment areas;
3. A copy of the IWM plan, including job sheets or similar documents that specify the requirements for applying the practice in each field or treatment unit. The IWM plan shall include the following, as applicable:
  - a. Timing of irrigation;
  - b. Method for measuring soil moisture;
  - c. Method for measuring irrigation system application rate;
  - d. Method for adjusting irrigation to compensate for changes in the soil infiltration rate;
  - e. Method for evaluating irrigation system uniformity;
  - f. Method for evaluating soil erosion;
  - g. Method for adjusting the irrigation schedule(s) for nutrient and/or pesticide application;
  - h. Method for recognizing excess runoff.

**REFERENCES**

- NRCS Field Office Technical Guide, 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