

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

**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 the NRCS practice standard have been met and are compatible with other planned and applied practices:
  - a. Identify, discuss and document client needs, and recommend method of resolution.
  - b. Practice purpose(s) as identified in the conservation plan.
  - c. List of required permits to be obtained by the client.
  - d. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities 503.00 through 503.06). This includes contacting MISS UTILITY (811 or 1-800-552-7001) a minimum of 3 days before beginning construction.
  - e. List of associated practices (conservation practice name and number).
  - f. 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. Provide written plans and specifications, including sketches and drawings, to the client that adequately describe the requirements to install the practice and obtain necessary permits. Develop plans and specifications in accordance with the requirements in the Virginia NRCS Conservation Practice Standard *Irrigation Water Management (Code 449)*.
3. Certification that the design meets NRCS standards and specifications and is in compliance with permits (NEM VA505.03, Amendment VA-22).

## **INSTALLATION**

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### **Deliverables:**

1. Pre-installation conference with client.
2. Verification that client has obtained required permits.
3. Facilitate and implement required design modifications with client and original designer.
4. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.

## **CHECK OUT**

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### **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 installation meets NRCS standards and specifications and is in compliance with permits (NEM VA505.03, Amendment VA-22).
3. Progress reporting.

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**REFERENCES**

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- VA NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – *Irrigation Water Management (Code 449)*.
- NRCS National Engineering Handbook (NEH), part 652, National Irrigation Guide.
- NRCS National Engineering Manual (NEM).
- NRCS National Environmental Compliance Handbook.
- NRCS Cultural Resources Procedures Handbook.