



STATEMENT OF WORK Irrigation Water Management (449) Vermont

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

DESIGN

Deliverables

1. Design documents that demonstrate criteria in NRCS practice standard have been met and are compatible with planned and applied practices.
 - Practice purpose(s) as identified in the conservation plan.
 - List of required permits to be obtained by the client.
 - List of facilitating practices.
 - Certification of compliance with NRCS National and State utility safety policy (National Engineering Manual (NEM) (Title 210), Part 503, Subpart A, "Engineering Activities Affecting Utilities," Sections 503.0 through 503.6; Subpart B, "Public Safety at Structure Sites," Sections 503.10 through 503.13; and Subpart C, "Safety During Geologic Investigations," Sections 503.20 through 503.22).
 - Practice standard criteria-related computations and analyses to develop plans and specifications including but not limited to—
 - Method of determining irrigation flow rate or volume.
 - Choice of scientific irrigation scheduling method(s).
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. Design report as appropriate (210-NEM, Part 511, Subpart B, "Documentation," Section 511.11).
5. Quality assurance plan as appropriate (210-NEM, Part 512, Subpart D, "Quality Assurance Activities," Sections 512.30 through 512.32).
6. Certification that the design meets practice standard criteria and complies with applicable laws and regulations (210-NEM, Part 505, Subpart A, "Introduction," Section 505.0; and Subpart B, "Procedures," Sections 505.10 through 505.12).
7. Design modifications during installation as required.

INSTALLATION

Deliverables

1. Preinstallation conference with client.
2. Verification that client has obtained required permits.
3. Staking and layout according to plans and specifications including applicable layout notes.
4. Installation guide 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 meets design and permit requirements (210-NEM-512, Subpart C, "Evaluation of Construction Materials," Sections 512.20 through 512.23; and Subpart D, "Quality Assurance Activities," Section 512.33)

CHECK OUT

Deliverables

1. Records of installation.
 - Extent of practice units applied.
 - “Red-line” drawings
 - Actual dates and amounts of water applied during the growing season.
2. Certification that the installation meets practice standard criteria and complies with applicable laws and regulations (210-NEM-505, Subpart B, “Procedures,” Sections 505.10 through 505.12).
3. Progress reporting.

REFERENCES

- USDA NRCS. Field Office Technical Guide (FOTG), Section IV, Conservation Practice Standard – Irrigation Water Management (449)
- USDA NRCS. National Engineering Manual (Title 210). Washington.D.C. <https://directives.sc.egov.usda.gov/>
- USDA NRCS. National Environmental Compliance Handbook (Title 190), Part 610. Washington, D.C. <https://directives.sc.egov.usda.gov/>
- USDA NRCS. National Cultural Resources Procedures Handbook (Title 190), Part 601. Washington, D.C. <https://directives.sc.egov.usda.gov/>