

STATEMENT OF WORK
Watering Facility (614)
TENNESSEE

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

DESIGN

Deliverables

1. Design documents that demonstrate criteria in practice standard have been met and are compatible with planned and applied practices.
 - a. Practice purpose(s) as identified in the conservation plan.
 - b. Practice standard criteria related computations and analyses to develop plans and specifications including, but not limited to:
 - i. Water source.
 - ii. Capacity: number and class of animals, water consumed per day.
 - iii. Size, type, length, and elevation of pipeline.
 - iv. Type of trough (i.e., open tank, ball type waterer).
 - v. Required minimum pump and pressure tank.
 - vi. Climatic considerations (e.g., freezing).
 - vii. Estimate paddock size needed for desired rotation (See Tennessee Technical Note TN-26).
 - c. Evaluation and completion of TN-CPA-25, Environmental Effects for Conservation and Areawide Plans.
2. Compliance with NRCS national and state utility safety policy (NEM part 503-Safety, Section 503.00 through 503.22). Check with local utility for required backflow prevention device. Tennessee One Call notification at 811 is client's responsibility.
3. Written plans and specifications, including sketches and drawings, shall be provided to the client that adequately describes the requirements to install the practice.
4. Identify fields where practice is to be applied on a farm or ranch plan map.
5. Documentation of operation and maintenance plan in assistance notes.
6. Certification that the design meets practice standard criteria and complies with applicable laws and regulations [NEM Subpart A, 505.03(b) (2)].
7. Design modifications during installation as required.

INSTALLATION

Deliverables

1. Pre-installation conference with client and contractor.
2. Staking and layout according to plans and specifications, including applicable layout notes.
3. Installation inspection.
 - a. Actual materials used.
 - b. Inspection records.
4. Facilitate and implement required design modifications with client and original designer.
5. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations, and NRCS policies during installation.
6. Certification that the installation process and materials meet design requirements [NEM Subpart A, 505.03(c) (1)].

CHECK OUT

Deliverables

1. As-built documentation.
 - a. Extent of practice units applied (GPS is preferred method of recording units applied).
 - b. Drawings.
 - c. Final quantities.
2. Certification that the installation meets NRCS standards and specifications.
3. Progress reporting.
4. Photo documentation recommended.

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REFERENCES

- NRCS Tennessee Field Office Technical Guide (e-FOTG), Section IV, Conservation Practice Standard – Watering Facility (614).
- National Engineering Manual.
- NRCS National Environmental Compliance Handbook.
- NRCS Cultural Resources Handbook.