

STATEMENT OF WORK
WETLAND RESTORATION (657)
TENNESSEE

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

DESIGN

Deliverables:

1. Design documentation that will demonstrate that the criteria in NRCS practice standard have been met and are compatible with other planned and applied practices.
 - a. Practice purpose(s) as identified in the conservation plan.
 - b. List of required (applicable) permits to be obtained by the client (e.g. 404, ARAP, SWPPP, TVA26A).
 - c. Impacts on adjacent properties and structures.
 - 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). TN One call notification at number 811 is client responsibility.
 - e. List of applicable facilitating/component practices (Dike (356), Structure for Water Control (587), Critical Area Planting (342), Tree and Shrub Establishment (612), etc)
 - f. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Compliance with Wetland Functional Assessment and Hydric Soils Determination
 - ii. Hydrology/Hydraulics and Appurtenance design
 - iii. Water quantity and quality
 - iv. Structural including hazard class as appropriate
 - v. Vegetation
 - vi. Environmental considerations, including a resource inventory and environmental evaluation supported by a completed NRCS-CPA-52, Environmental Effects for Conservation and Areawide Planning.
 - vii. Safety considerations (NEM Part 503-Safety, Subpart A, 503.10 through 503.12).
2. Written Restoration Plan, with specifications, including sketches and drawings shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits, including:
 - a. Location and Vicinity Map.
 - b. Sketches and drawings.
 - c. Plan view, with contours if applicable.
 - d. Profiles, if applicable.
 - e. Cross Sections, if applicable.
 - f. Construction Specifications.
 - g. Vegetation Specifications.
 - h. Fish and Wildlife Habitat criteria
 - i. Quantity and Cost Estimates.
 - j. Appropriate signatures.
3. Design Report and Inspection Plan as appropriate (NEM Part 511, Subpart B Documentation, 511.11 and Part 512, Subpart D Quality Assurance Activities, 512.30 through 512.32).
4. Operation and Maintenance Plan.
5. Certification that the design meets practice standard criteria and complies with applicable laws and regulations (NEM Subpart A, 505.03 (a) (3)).
6. Design modifications during installation, as required.

INSTALLATION

Deliverables

1. Documentation of pre-installation conference with client and contractor.
2. Verification that client has obtained required permits.
3. Documentation of staking and layout according to plans and specifications including applicable layout notes.

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4. Installation inspection (according to inspection plan as appropriate).
 - a. Actual materials used (Part 512, Subchapter D Quality Assurance Activities, 512.33)
 - b. Inspection records.
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 method and materials meet design and permit requirements.

CHECK OUT

Deliverables

1. As-Built documentation.
 - a. Extent of practice units applied.
 - b. Drawings.
 - c. Final quantities.
2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits (NEM Subpart A, 505.03 (c) (1)).
3. Progress reporting.

REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standards – Wetland Restoration (657), and other facilitating practices such as Dike (356), Tree and Shrub Establishment (612), Structure for Water Control (587) as applicable.
- NRCS National Engineering Manual (NEM).
- NRCS National Engineering Handbook, Chapter 6 (Structures), if applicable.
- NRCS National Engineering Field Handbook (EFH), Part 210, Chapter 13 (Wetland Restoration, Enhancement and Creation).
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook
- National Biology Manual
- National Biology Handbook
- National Food Security Act Manual
- Tennessee Environmental Permitting Handbook (www.state.tn.us/environment/permits/index.html)