

STATEMENT OF WORK
Wildlife Watering Facility (648)
Missouri

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. List of required permits to be obtained by the client
 - c. Compliance with NRCS national and state utility safety policy (NEM part 503-Safety, Section 503.00 through 503.22)
 - d. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Geology and Soil Mechanics (NEM Subpart 531a)
 - Earthfill materials
 - Moisture and compaction requirements
 - Sealing requirements if required (See Pond Sealing or Lining Statement of Work)
 - ii. Hydrology/Hydraulics
 - Drainage Area
 - Rainfall and Runoff Volumes; for springs (See Spring Development Statement of Work)
 - Elevation-Storage Volume Relationship
 - Spillway Capacities (type, sizes, elevations)
 - iii. Structural including hazard class as appropriate
 - NRCS Job Classification
 - Hazard Classification
 - Earthfill and Excavation Quantities
 - Material Quantities (pipes, anti-seep collars, trash racks, fencing . . .)
 - Clearing Quantities
 - iv. Vegetation (See Critical Area Planting 342 Statement of Work)
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 (NEM Subpart A, 505.03(b) (2)).
5. Design modifications during installation as required

INSTALLATION

Deliverables

1. Pre-installation conference with client and contractor
 2. Verification that client has obtained required permits
 3. Staking and layout according to plans and specifications including applicable layout notes
 4. Installation inspection
 - a. Actual materials used
 - 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 process and materials meets design and permit requirements (NEM Subpart A, 505.03(c) (1)).
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CHECK OUT

Deliverables

1. As-Built documentation.
 - a. Location and extent of practice units applied
 - Profile and cross sections of excavations
 - Profile and cross sections of embankment
 - Profile and cross sections of spillways
 - Size and elevations of pipe inlets and outlets
 - Vegetation establishment if required (See Critical Area Planting 342 Statement of Work)
 - b. Drawings
 - c. Final quantities
2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits
3. Progress reporting

REFERENCES

- Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Wildlife Watering Facility, 648.
- National Engineering Manual
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook
- NRCS National Biology Manual
- NRCS National Biology Handbook

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