

## STATEMENT OF WORK

### Emergency Animal Mortality Management (368)

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

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#### Licensure

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Florida Statute Title XXXII, Regulation of Professions and Occupations, Chapter 471, Engineering, regulates the practice of engineering in Florida and provides the definition of engineering in Chapter 471.005(7). Technical assistance for this engineering conservation practice may be considered the practice of engineering and subject to licensure requirements of Florida Statute Chapter 471. It is the responsibility of the individual providing technical assistance to determine and verify whether this practice is subject to Florida Statute Chapter 471.

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#### DESIGN

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##### Deliverables

1. Design documentation that will demonstrate that the criteria in Florida 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 permits to be obtained by the client.
    - c. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities).
    - d. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
      - i. Florida Supplement, National Engineering Field Handbook (NEFH), Part 650, Chapter 1.
      - ii. Geology and Soil Mechanics (NEM Part 531-Geology, Subpart A).
      - iii. Capacity.
      - iv. Structural, Mechanical and Appurtenance design.
      - v. Environmental Considerations (e.g. air quality, bio-security).
      - vi. Safety Considerations (NEM Part 503 – Safety, Subpart A – Engineering Activities Affecting Utilities).
  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 (Florida Supplement, NEFH, Part 650, Chapter 1).
  3. Design Report as appropriate (NEM Part 511 - Design, Subpart B – Documentation).
  4. Quality Assurance Plan (NEM Part 512 - Construction, Subpart D – Quality Assurance Activities).
  5. Operation and Maintenance Plan as per NRCS National Operation and Maintenance, Part 500, Subpart D.
  6. Certification that the design meets practice standard criteria and comply with applicable laws and regulations (NEM Subpart A).
  7. Design modifications during installation as required.
  8. All documents signed and sealed in accordance with Florida Statute Chapter 471 or documentation from the Florida Licensing Board stating that the practice is not subject to the requirements of Chapter 471.
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**INSTALLATION**

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**Deliverables**

1. Pre-installation conference with client and contractor and signed form FL-ENG-40.
2. Verification that client has obtained required permits.
3. Staking and layout according to plans and specifications including applicable layout notes.
4. Installation inspection (according to inspection plan as appropriate)
  - a. Actual materials used (NEM Part 512 - Construction, Subpart C – Evaluation of Construction Materials; Subpart D – Quality Assurance Activities, 512.33).
  - b. Inspection records.
  - c. Document compliance with quality assurance plan.
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.

**CHECK OUT**

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**Deliverables**

1. Check out notes as specified in the Florida Supplement, NEFH, Part 650, Chapter 1.
2. As-Built documentation.
  - a. Extent of practice units applied.
  - b. Drawings as per NEM, Part 512 – Construction, Subpart F – As-Built
  - c. Final quantities installed.
3. Certification that the installation meets NRCS standards and specifications and is in compliance with permits NEM Part 505 – Non NRCS Engineering Services, Subpart A-Introduction.
4. Progress reporting.

**REFERENCES**

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- Florida NRCS Field Office Technical Guide (FOTG), Section IV, Conservation Practice Standard – Emergency Animal Mortality Management, 368.
- Florida Supplement, National Engineering Field Handbook (NEFH), Part 650, Chapter 1, Procedure for Documenting, Planning, Design, Construction, and Checkout of Engineering Conservation Practices
- NRCS Agricultural Waste Management Field Handbook (AWMFH)
- NRCS National Engineering Manual (NEM)
- NRCS National Operation and Maintenance Manual
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook
- NRCS National Engineering Handbook Part 637, Chapter 2 – Composting

**STATE CONTACT**

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