

**STATEMENT OF WORK**  
**Animal Mortality Facility (316)**  
**Wyoming**

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

Items that are marked **(TSP or Non-NRCS Engineer)** need to be completed only if design is provided by a TSP or Non-NRCS Engineer. Items that are marked **(NRCS Employee)** need to be completed only if design is provided by an NRCS Employee. All other items are required by all designers.

## **DESIGN**

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### **Deliverables and Documentation Requirements:**

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 permits to be obtained by the client
  - c. Verify with the Field Office conservation planner that all concerns under the National Environmental Policy Act (NEPA) and the National Historic Preservation Act (NHPA) have been adequately addressed.
  - d. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities)
  - e. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
    - i. Geology and Soil Mechanics (NEM Part 531 – Geology, Subpart A)
    - ii. Capacity
    - iii. Structural, Mechanical and Appurtenance design
    - iv. Environmental Considerations (e.g. air quality, bio-security)
    - v. Safety Considerations (NEM Part 503-Safety, Subpart A)
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, including but not limited to:
  - a. A plan view showing the location and extent of the practice.
  - b. Description of facility.
  - c. Size, type and number of animals that will be the feedstock.
  - d. Pertinent elevations of the facility, if applicable.
  - e. Soil and foundation findings, interpretations, and reports.
  - f. Location of electrical lines, gas lines, water supply and other utilities
  - g. Requirements for burial
  - h. Quality of materials.
  - i. Drainage/grading plan, if needed.
  - j. Structural details of all components.
  - k. Temporary erosion control measures during construction.
  - l. Vegetative requirements.
  - m. Safety requirements for the facility.
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 NRCS standards and specifications and is in compliance with applicable laws and regulations (NEM Part 505 - Non-NRCS Engineering Services, Subpart A - Introduction, 505.0 and 505.3). **(TSP or Non-NRCS Engineer)**
6. Engineering job classification is shown and proper engineering approval is obtained. **(NRCS Employee)**
7. Design modifications during installation as required.

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**INSTALLATION**

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**Deliverables and Documentation Requirements**

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 (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 process and materials meets design and permit requirements (NEM Part 505, Subpart A, 505.3 (C)).

**CHECK OUT**

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**Deliverables and Documentation Requirements**

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)). **(TSP or Non-NRCS Engineer)**
3. Statement of compliance signed by NRCS personnel with applicable job approval authority that the work meets the plans and specifications. **(NRCS Employee)**
4. Progress reporting.

**REFERENCES**

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- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard - Animal Mortality Facility, 316
- NRCS National Engineering Manual (NEM).
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook
- National Engineering Handbook (NEH), Part 651, Agricultural Waste Management Field Handbook (AWMFH)
- National Engineering Handbook Part 637, Chapter 2 – Composting