

STATEMENT OF WORK
Barnyard Water Management (707)
Maine
June 4, 2004

Contact Dan Baumert, State Conservation Engineer at 207-990-9555 or email concerns to dan.baumert@me.usda.gov

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 NRCS 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, Subpart A - Engineering Activities Affecting Utilities 503.00 through 503.06)
 - d. Practice standard criteria-related computations and analyses to develop plans and specifications including but not limited to:
 - i. Type of traffic, design load, site foundation
 - ii. Geology and Soil Mechanics (NEM Subpart 531 a).
 - iii. Kind of surface treatment including vegetation measures
 - iv. Maximize clean water diversion
 - v. Environmental considerations (e.g. location, air quality, ground and surface water quality)
 - vi. Safety Considerations (NEM Part 503 – Safety, Subpart A, 503.06 through 503.12).
 - vii. Additional requirements for livestock (comfort, safety, feeding operations, etc.)
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. Preparation and documentation of the operation and maintenance plan.
4. Certification that the design meets practice standard criteria and comply with applicable laws and regulations.
5. Design modifications during installation as required.

INSTALLATION

Deliverables

1. Pre-application conference with client.
2. Verification that client has obtained required permits.
3. Staking and layout according to plans and specifications including applicable layout notes.
4. Application guidance as needed.
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 application process and materials meet design and permit requirements.

CHECK OUT

Deliverables

1. Records of application.
 - a. Extent of practice units applied
 - b. Actual kinds of surface treatments used and applied
2. Certification that the application meets NRCS standards and specifications and is in compliance with permits.
3. Progress reporting.

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REFERENCES

- Maine NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Barnyard Water Management - 707
- National Engineering Manual, Utility Safety Policy
- NRCS Agricultural Waste Management Field Handbook (AWMFH)
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook