

April 26, 2004

STATEMENT OF WORK

Pond Sealing or Lining (521a, b, and c)

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, 503.00 through 503.22](#))
 - d. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Hydrogeology
 - ii. Type of Liner
 - iii. Application Rate and/or Liner Thickness
 - iv. Liner Protection
2. Written plans and specifications including sketches and drawings as well as any applicable guide sheets shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits.
3. Design Report and Inspection Plan as appropriate ([NEM Part 511, Design, 511.11](#) and [Part 512, Construction, 512.30 through 512.32](#)).
4. Operation and maintenance plan
5. Certification that the design meets practice standard criteria and comply with applicable laws and regulations ([NEM Part 505, Non-NRCS Engineering, 505.03 \(b\) \(2\)](#))
6. Design modifications during installation as required

INSTALLATION

Deliverables

1. Pre-installation conference with client and contractor which includes information on minimizing erosion and controlling sediment during construction.
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
 - c. Installation procedures
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.

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 Part 505, Non-NRCS Engineering, 505.03 \(c\) \(1\)](#))
3. Progress reporting

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REFERENCES

- [Field Office Technical Guide \(eFOTG\), Section IV, Conservation Practice Standards, Pond Sealing or Lining - 521a, 521b, and 521c.](#)
- [NRCS Field Office Technical Guide \(eFOTG\), Section IV, Guide Sheet – Pond Sealing or Lining \(Flexible Membrane\), 521A](#)
- [NRCS Field Office Technical Guide \(eFOTG\), Section IV, Guide Sheet – Sealing a Pond With Additives, 521B/C](#)
- [National Engineering Manual \(NEM\)](#)
- [NRCS National Environmental Compliance Handbook](#)
- [NRCS Cultural Resources Handbook](#)

CONTACT INFORMATION

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