

**STATEMENT OF WORK**  
**Pond Sealing or Lining (521A, 521B, and 521C)**  
**Kansas**  
**May 2004**

**State contact: John Ourada, State Conservation Engineer, 785-823-4534, john.ourada@ks.usda.gov**

**These deliverables apply to this individual practice. For other planned practice deliverables, refer to those specific statements of work.**

## **DESIGN**

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### **Deliverables**

1. Design documents that demonstrate criteria in the Natural Resources Conservation Service (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 (National Engineering Manual [NEM] Part 503 through 503.22)
  - d. Practice standard criteria-related computations and analyses to develop plans and specifications including but not limited to the following (additional information can be found in Documentation Requirements, Pond Sealing and Lining, 521):
    - 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) shall be provided to the client that adequately describe the requirements to install the practice and obtain necessary permits.
3. Design report and inspection plan (as appropriate) (NEM Parts 511.11 and 512.30 through 512.32)
4. Operation and maintenance plan
5. Certification that the design meets practice standard criteria and complies with applicable laws and regulations (NEM Part 505.03(b)(2))
6. Design modifications during installation as required
7. If enrolled in a conservation program, this practice must meet all conditions and requirements of program enrollment that may exceed the practice standard.

## **INSTALLATION**

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### **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 and regulations and NRCS policies during installation
7. Certification that the installation process and materials meets design and permit requirements

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**CHECKOUT**

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**Deliverables**

1. As-built documentation
  - a. Extent of practice units applied
  - b. Drawings
  - c. Liner construction verification, additional information can be found in Documentation Requirements, Pond Sealing and Lining, 521
  - d. 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))
3. Progress reporting

**REFERENCES**

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- NRCS electronic Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standards 521A, 521B, or 521C, Pond Sealing or Lining
- NRCS National Engineering Handbook Part 651, Agricultural Waste Management Field Handbook, Appendix 10D
- NRCS National Engineering Manual (NEM)
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook