

**STATEMENT OF WORK (SOW)
SEDIMENT BASIN (CODE 350)
SOUTH DAKOTA
CONTACT: JAY COBB (605) 352-1260**

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

DESIGN

Deliverables

1. Pre-design conference with client and Natural Resources Conservation Service (NRCS) representative.
2. 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. Impacts on adjacent properties and structures.
 - d. Compliance with NRCS national and state utility safety policy (National Engineering Manual (NEM), Part 503-Safety, Subpart A, Engineering Activities Affecting Utilities, 503.00 through 503.06).
 - e. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Geology and Soil Mechanics (NEM, Subpart 531a). (Example: Soil log and testing reports.)
 - ii. Hydrology.
 - iii. Sediment and runoff storage capacities.
 - iv. Outlet works.
 - v. Structural including hazard class as appropriate.
 - vi. Vegetation.
3. Written plans and specifications including sketches and drawings provided to the client that adequately describes the requirements to install the practice and obtain necessary permits.
4. Develop 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).
5. Operation and Maintenance (O&M) Plan developed in accordance with the requirements of NRCS Conservation Practice Standard Sediment Basin (Code 350).
6. Certifications that the design meets practice standard criteria and comply with applicable laws and regulations (NEM, Subpart A, 505.03(b)(2)).
7. Design modifications during installation as required.

INSTALLATION

Deliverables

1. Conduct a preconstruction meeting with client, contractor, and NRCS representative.
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):
 - a. Actual materials used (NEM, Part 512, Subpart D, Quality Assurance Reviews, 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 meet design and permit requirements.

CHECK OUT

Deliverables

1. As-Built documentation:
 - a. Extent of practice units applied.
 - b. Documentation of materials installed
 - c. As-built plan or survey notes documenting critical dimensions, elevations, and materials.
 - d. Final quantities.
2. Certification that the installation and materials meets NRCS standards and specifications and is in compliance with permits (NEM, Subpart A, 505.03(c)(1)).
3. Progress reporting.

REFERENCES

- NRCS Field Office Technical Guide (FOTG), Section IV, Conservation Practice Standard – Sediment Basin, 350
- NRCS National Engineering Manual (NEM)
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook