

**STATEMENT OF WORK (SOW)
STORMWATER RUNOFF CONTROL (570)
SOUTH DAKOTA**

CONTACT: JAY COBB (605) 352-1260

These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific SOWs.

DESIGN

Deliverables:

1. Conduct pre-design meeting with client and Natural Resources Conservation Service (NRCS) representative. Complete and sign SD NRCS Pre-design Meeting Checklist. (Example: SD NRCS Pre-design Meeting Checklist)
2. 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 (Example: General Permit for Storm Water Discharges Associated With Construction Activities)
 - c. Impacts on adjacent properties and structures.
 - d. Compliance with NRCS national and state utility safety policy (NEM, Part 503-Safety, Section 503.00 through 503.22) (Example: SD One Call ticket number)
 - e. List of facilitating practices
 - f. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Hydrology/Hydraulics
 - ii. Surface Drainage
 - iii. Erosion Control
 - iv. Structural including hazard class as appropriate
 - v. Vegetation
3. 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. (Examples: Plans, specifications, construction notes, construction details, etc.)
4. 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). (Example: Inspection Plan and the Design Report)
5. Operation and maintenance plan (Example: Operation and Maintenance Plan)
6. Certification that the design meets practice standard criteria and comply with applicable laws and regulations (NEM Subpart A, 505.3). (Examples: Certification statement indicating the project meets NRCS standards, a letter from SD DENR approving plans and specifications for the project under the General Permit for Storm Water Discharges Associated with Construction Activities, documentation of approval for construction from county zoning authority, etc.)
7. Develop and sign an engineer's cost estimate based on project quantities. Provide revised cost estimates in the event of changes to project quantities or completion of final design. (Example: Signed cost estimate)
8. Develop a list of practices for the project that includes the practice unit and extent. Provide a revised list of practices, practice units, and extents in the event of changes to these values or completion of the final design. (Example: SD NRCS Practice Payment Spreadsheet for appropriate year)
9. Provide an anticipated installation schedule. (Example: Construction Schedule)
10. At any point when the practices or practice extents change for the project, the TSP must immediately provide the NRCS representative with a revised *EQIP Payment Unit and Technical Service Payment Unit Worksheet* prior to any construction activity associated with the change. The NRCS representative will promptly modify the contract with these new practices/practice extents if the change is within policy and funding is available. (Example: Provide a revised SD NRCS Practice Payment Spreadsheet prior to any construction changes being constructed.)

INSTALLATION

Deliverables

1. Conduct a preconstruction meeting with client, contractor, and NRCS representative. Complete and sign SD NRCS Preconstruction Meeting Checklist. (Example: SD NRCS Preconstruction Meeting Checklist)

2. Verification that client has obtained required permits. (Examples: Letter from SD DENR approving plans and specifications for the project under the General Permit for Storm Water Discharges Associated with Construction Activities, documentation of approval for construction from county zoning authority, etc.)
3. Staking and layout according to plans and specifications including applicable layout notes (Example: Construction staking and layout survey notes and plans)
4. Installation inspection
 - a. Actual materials used
 - b. Inspection records
5. At any point when the practices or practice extents change for the project, the TSP must immediately provide the NRCS representative with a revised *EQIP Payment Unit and Technical Service Payment Unit Worksheet* prior to any construction activity associated with the change. The NRCS representative will promptly modify the contract with these new practices/practice extents if the change is within policy and funding is available. (Example: Provide a revised SD NRCS Practice Payment Spreadsheet prior to any construction changes being constructed)
6. Advise client/NRCS on compliance issues with all federal, state, Tribal, and local laws, regulations, and NRCS policies during installation

CHECK OUT

Deliverables

1. As-Built documentation:
 - a. Extent of practice units applied.
 - b. Drawings.
 - c. Final quantities.
 - d. Final *EQIP Payment Unit and Technical Service Payment Unit Worksheet*.
2. Specific detailed requirements for checkout design and the development on construction plans and specifications are outlined in the SDEDSCM. Where specific forms or job sheets are mentioned in the SDEDSCM, an equivalent may be substituted. The guidance contained in this manual shall be considered as the minimum acceptable for this practice.
3. Certification that the installation and materials meets NRCS standards and specifications (*Signed Warranty of Technical Services Provided* Form) and is in compliance with permits (NEM, Subpart A, 505.03(c)(1)). (Examples: Certificate of Compliance from SD DENR approving that the project has received a permit under the General Water Pollution Control Permit for Concentrated Animal Feeding Operations, documentation of obtaining a county zoning permit, etc.)

REFERENCES

- NRCS South Dakota Technical Guide (FOTG), Section IV, Conservation Practice Standard – Stormwater Runoff Control (570)
- National Engineering Manual
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook