

STATEMENT OF WORK
Sediment Basin (Code 350)
Pennsylvania

These deliverables apply to this individual practice. Section 4 of the Pennsylvania Technical Guide (PA FOTG) should also be reviewed for additional practice-specific requirements and Design and Check Data Requirements where those have been developed. For other planned practice deliverables refer to those specific Statements of Work.

DESIGN

Deliverables:

1. Design documentation that will demonstrate conformance with the criteria in NRCS practice standard and compatibility with other planned and applied practices.
 - a. Practice purpose(s) as identified in the conservation plan.
 - b. List of required permits for the client to obtain.
 - c. Impacts on adjacent properties and structures.
 - d. Compliance with NRCS national and State utility safety policy (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)
 - ii. Hydrology
 - iii. Sediment and runoff storage capacities
 - iv. Outlet works
 - v. Structural including hazard class as appropriate
 - vi. Vegetation
2. Provide written plans and specifications, including sketches and drawings, to the client that adequately describe the requirements to install the practice and obtain necessary permits.
3. 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).
4. Operation and Maintenance Plan (National Operation and Maintenance Manual).
5. Certifications that the design meets practice standard criteria and complies with applicable laws and regulations (NEM Subpart A, 505.03(b)(2)).
6. Design modifications during installation as required.

INSTALLATION

Deliverables

1. Preinstallation 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 (according to inspection plan as appropriate).
 - a. Actual materials used.

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- 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 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 complies 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