

United States Department of Agriculture

Natural Resources Conservation Service
339 Busch's Frontage Road, Suite 301
Annapolis, MD 21409

Phone: 410-757-0861
FAX: 410-757-0687
www.md.nrcs.usda.gov

STATEMENT OF WORK Stormwater Runoff Control (570) Maryland

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. 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)
 - 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
2. 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.
3. 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
5. Certification that the design meets practice standard criteria and comply with applicable laws and regulations (NEM Subpart A, 505.3).
6. Design modifications during installation as required
7. Design work shall be in accordance with the Maryland conservation practice standard. Plans shall be prepared in accordance with the **SUPPORTING DATA AND DOCUMENTATION, Field and Design Data** section of the Maryland standard.

INSTALLATION

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, regulations and NRCS policies during installation
7. Certification that the installation process and materials meets design and permit requirements (NEM Subpart A, 505.3).
8. Check-out and certification shall be in accordance with the **SUPPORTING DATA AND DOCUMENTATION, Construction Check Data/As-Built Plans** section of the Maryland conservation practice standard.

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
3. Progress reporting
4. Check-out and certification shall be in accordance with the **SUPPORTING DATA AND DOCUMENTATION, Construction Check Data/As-Built Plans** section of the Maryland conservation practice standard.

REFERENCES

- Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard - Runoff Management System, 570.
- National Engineering Manual
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook
- Bannerman, Roger, and E. Considine, 2003. Rain Gardens: A How-to Manual for Homeowners. University of Wisconsin Extension Publication GWQ037 or Wisconsin Department of Natural Resources Publication PUB-WT-776 2003. Madison, WI
- U. S. Environmental Protection Agency. 2007. Developing Your Stormwater Pollution Prevention Plan. Washington, DC
- United States Environmental Protection Agency. 1999. Stormwater Technology Fact Sheet: Bioretention. Publ. EPA-832-F-99-012. Office of Water, Washington, D.C.
- Maryland Department of the Environment, Water Management Administration, <http://www.mde.state.md.us>, *Maryland Stormwater Design Manual , Volumes I & II* (Effective October 2000, Revised May 2009)
- Maryland Department of the Environment, Water Management Administration, <http://www.mde.state.md.us>, *2011 Maryland Standards and Specifications for Soil Erosion and Sediment Control*