

**STATEMENT OF WORK**  
**Underground Outlet (620)**  
**Virginia**

**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 documentation that demonstrates that the criteria in the NRCS conservation practice standard have been met and are compatible with other planned and applied practices. Include:
  - a. Identification of client needs, documentation of discussion with client, and a recommended method of resolution.
  - b. Practice purpose(s) as identified in the conservation plan.
  - c. Location of planned practice installation shown on a farm or ranch plan map.
  - d. List of required permits to be obtained by the client.
  - e. Impacts on adjacent properties and structures.
  - f. Certification of compliance with NRCS national and state utility safety policy (NEM Part 503 - Safety, Subpart A - Engineering Activities Affecting Utilities, 503.0 through 503.6; NEM VA503.2, Amendment VA-22). This includes contacting MISS UTILITY (811 or 1-800-552-7001) a minimum of 3 days before beginning construction.
  - g. Practice standard criteria-related computations and analyses to develop plans and specifications including but not limited to:
    - i. Inlet Type.
    - ii. Hydraulics.
    - iii. Materials.
    - iv. Outlet Capacity and Stability.
2. Provide written plans and specifications, including sketches and drawings, to the client that adequately describe the requirements to install the practice and to obtain necessary permits. Develop plans and specifications in accordance with the requirements in the Virginia NRCS Conservation Practice Standard *Underground Outlet (Code 620)*.
3. Design Report as appropriate (NEM Part 511 - Design, Subpart B - Documentation, 511.10 and 511.11).
5. Operation and Maintenance Plan.
6. Certification that the design meets NRCS standards and specifications and is in compliance with applicable laws and regulations (NEM VA505.3, Amendment VA-22).

## **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 (NEM Part 512 - Construction, Subpart C – Evaluation of Construction Materials, 512.20 through 512.23; Subpart D - Quality Assurance Activities, 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.

## **CHECK OUT**

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### **Deliverables:**

1. As-Built documentation.
  - a. Extent of practice units applied
  - b. "Red-line" drawings (NEM Part 512, Construction, Subpart F – As-builts, 512.50 through 512.52)

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- c. Final quantities
2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits (NEM VA505.3, Amendment VA-22).
3. Progress reporting.

**REFERENCES**

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- VA NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – *Underground Outlet (Code 620)*.
- VA NRCS Field Office Technical Guide (eFOTG), Section IV, Operation and Maintenance Plan – *Underground Outlet (Code 620)*.
- NRCS National Engineering Manual (NEM).
- NRCS National Environmental Compliance Handbook.
- NRCS Cultural Resources Procedures Handbook.