

**STATEMENT OF WORK**  
**Mole Drain (482)**  
**Wyoming**

**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 Surveys
  - a. Subsurface soils investigation.
  - b. Profile and alignment of the drain (if required).
  - c. Topographic details (if required).
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
  - c. Compliance with NRCS national and state utility safety policy (NEM part 503-Safety, Section 503.00 through 503.22)
  - d. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
    - i. Hydrology
    - ii. Grade determination
    - iii. Mole drain size, type
    - iv. Outlet location sizes and type
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.
  - a. Plan view of drain
  - b. Profile of tile drain
  - c. Location sizes and type of appurtenances
  - d. Location sketch
4. Operation and maintenance plan
5. Certification that the design meets practice standard criteria and comply with applicable laws and regulations (NEM Subpart A, 505.03(b)(2)).
6. Design modifications during installation as required

## **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
  - a. Centerline alignment stake.
  - b. Grade stakes with offset.
  - c. Location of reference stakes.
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, 505.03(c)(1)).

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**CHECK OUT**

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**Deliverables**

1. As-built documentation
  - a. Extent of practice units applied
  - b. Drawings
  - c. Type of drain
  - d. Profile along the drain or statement that grade is proper.
  - e. Type, size, and location of appurtenances
  - f. Length(s) of drain
  - g. Final quantities
2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits
3. Progress reporting

**REFERENCES**

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- Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Mole Drain, 482
- National Engineering Manual
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook