

**STATEMENT OF WORK**  
**Diversion (362)**  
**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. Centerline profile and cross-sections
  - b. Topography at outlet (narrative is adequate if flat terrain.)
  - c. Soils description
2. Design documentation that will demonstrate that the criteria in NRCS practice standard have been met and are compatible with other 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, Subpart A - Engineering Activities Affecting Utilities 503.00 through 503.06)
  - d. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
    - i. Hydrology/Hydraulics
    - ii. Outlet capacity and stability
    - iii. Sediment yield from drainage area
    - iv. Vegetation
    - v. Quantity computations
    - vi. Environmental Considerations
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, profile, and cross section of the diversion.
  - b. Details of the outlet.
  - c. Revegetation details.
  - d. Location map. (May be combined with a.).
  - e. Structural layout and details
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 (a) (3)).
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 and slope stakes for ditch and dikes.
  - b. Grade and alignment stakes for outlet.
4. Installation inspection (according to inspection plan as appropriate).
  - 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.

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**CHECK OUT**

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**Deliverables**

1. As-Built documentation.
  - a. Extent of practice units applied
  - b. Drawings
  - c. Profile of ditch and dike
  - d. Cross sections of ditch and dike
  - e. Controlling elevations, materials, and dimension of outlet.
  - f. Final quantities
2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits [NEM Subpart A, 505.03 (c) (1)].
3. Progress reporting.

**REFERENCES**

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- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard - Diversion, 362
- NRCS National Engineering Manual (NEM).
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook