

**STATEMENT OF WORK**  
**Pasture and Hay Planting (512)**  
**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 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. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
    - i. Required seedbed condition and preparation methods
    - ii. Soil and seed amendments needed
    - iii. Variety or origin and amount of each species to be planted
    - iv. Planting dates and depths and description of planting equipment
    - v. Instructions as needed for placing different seed types (i.e. fluffy, large, small, slick and dense) in suitable drill boxes
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. Operation and maintenance plan
4. Certification that the design meets practice standard criteria and comply with applicable laws and regulations, Seeding/Planting Plan Specification WY-ECS-25, NRCS-WEQ calculation for wind erosion and NRCS RUSLE2 calculation for water erosion.
5. Design modifications during installation as required

## **INSTALLATION**

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### **Deliverables**

1. Pre-application 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. Identify fields where practice to be applied on a farm or ranch plan map.
5. Application inspection
  - a. Actual materials used
  - b. Inspection records
6. Facilitate and implement required design modifications with client and original designer
7. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation
8. Certification that the application process and materials meets design and permit requirements, Seeding/Planting Plan Specification WY-ECS-25, NRCS-WEQ calculation for wind erosion and NRCS RUSLE2 calculation for water erosion.

## **CHECK OUT**

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### **Deliverables**

1. Records of application
  - a. Extent of practice units applied
  - b. Final quantities of materials used
2. Certification that the application meets NRCS standards and specifications and is in compliance with permits, Seeding/Planting Plan Specification WY-ECS-25, NRCS-WEQ calculation for wind erosion and NRCS RUSLE2 calculation for water erosion.
3. Exit conference with client and contractor.
4. Progress reporting

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**REFERENCES**

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- Wyoming Field Office Technical Guide (eFOTG), Section IV:
  - Conservation Practice Standard Pasture and Hay Planting-512 and Seeding Plan Work Sheet WY-ECS-25
  - Conservation Practice Standard Cover Crop-340 and Cover Crop Work Sheet WY-ECS-69
  - Conservation Practice Standard Prescribed Grazing-528
  - Conservation Practice Standard Forage Harvest Management-511 and Forage Harvest Management Work Sheet WY-ECS-59
  - Conservation Practice Standard Prescribed Burning-338
  - Conservation Practice Standard Pest Management-595 and Pest Management Work Sheets WY-ECS-46 and WY-ECS-57
- Wyoming NRCS Field Office Technical Guide (eFOTG), Section I, Table of Contents:
  - Plant Materials Technical Notice 3-Establishment of Permanent Vegetation
  - Plant Materials Technical Notice 6-Reading Seed Packaging Labels and Calculating Seed Mixtures
  - Plant Materials Technical Notice 14-Seedbed Preparation and Seeding
  - Plant Materials Technical Notice 15-Pasture and Hayland Planning-Installation-Evaluation-Management
  - Agronomy Technical Notice 3-Nitrogen Fixation and Legume Inoculation
  - Agronomy Technical Notes 17.1-17.4 and 22
- Dryland Pastures in MT and WY, EB 19 Montana State University publication 2003, Bozeman, MT 59717; (406) 994-5132, E-mail – publications@ montana.edu
- NRCS RUSLE2 program for predicting soil loss by water erosion and calculating soil quality index (SCI), WY-ECS-40B
- NRCS WEQ program for predicting soil loss by wind erosion, WY-ECS-40A
- Range and Pasture Handbook
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook