

**STATEMENT OF WORK**  
**Residue and Tillage Management – Seasonal (344)**  
**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 NRCS 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, specifications and operation and maintenance plan including but not limited to:
    - i. Results of NRCS erosion prediction tools or equivalent, and other applicable technical tools to address targeted criteria
    - ii. Planned residue amount
    - iii. Orientation of residue (standing or flat)
    - iv. Distribution of residue
    - v. Timing of soil disturbance
2. Certification that the design meets practice standard criteria and comply with applicable laws and regulations
3. Design modifications during application as required
4. 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, NRCS-WEQ calculation for wind erosion, and NRCS RUSLE2 calculation for water erosion and soil quality.

## **INSTALLATION**

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### **Deliverables**

1. Pre-application conference with client
2. Verification that client has obtained required permits
3. Application guidance as needed
4. Facilitate and implement required design modifications with client and original designer
5. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation
6. Certification that the application process meets design and permit requirements, NRCS-WEQ calculation for wind erosion, and NRCS RUSLE2 calculation for water erosion and soil quality

## **CHECK OUT**

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### **Deliverables**

1. Records of application WY- ECS- 83
  - a. Extent of practice units applied
  - b. Actual amount of residue present during critical period to meet targeted standard criteria WY- ECS - 39
2. Certification that the application meets NRCS standards and specifications and is in compliance with permits, NRCS-WEQ calculation for wind erosion, and NRCS RUSLE2 calculation for water erosion and soil quality
3. Progress reporting

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**REFERENCES**

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- NRCS Field Office Technical Guide (eFOTG), Section IV:
  - Conservation Practice Standard Residue Management, Seasonal-344 and Conservation Job Sheet WY-ECS-83 and WY-ECS-39 Crop Residue Transects
  - Conservation Practice Standard Pest Management-595 and Pest Management Work Sheets WY-ECS-46 and WY-ECS-57
  - Conservation Practice Standard Nutrient Management-590 and Nutrient Management Work Sheets WY-ECS-44 and WY-ECS-58
- NRCS Field Office Technical Guide (eFOTG), Section I, Table of Contents:
  - Agronomy Technical Notes 11.1-11.7
  - Agronomy Technical Note 15 - Phosphorus Index
  - Agronomy Technical Notes 17.1-17.4, and 22
  - Agronomy Technical Note 25 - Nitrogen Leaching Index
- 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
- NRCS National Agronomy Manual (NAM) parts 501, 502 and 506
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook