

**STATEMENT OF WORK**  
**Nutrient Management (590)**  
**Missouri**

**These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work.**

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**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.
2. Practice purpose(s) as identified in the conservation plan.
3. List of permits, if required, to be obtained by the client.
4. Practice standard criteria-related computations and analyses to develop plans and specifications (covering the entire soil test cycle) including but not limited to:
  - a. Results of applicable sampling, analyses, and tests provided by the client.
  - b. Realistic yield goals for the crop(s) to receive nutrient applications.
  - c. Planned nutrient and soil amendment application rates, methods, and timing of application in balance with the nutrient budget.
5. Site risk assessment for phosphorus transport when manure or other organic materials are a source of nutrients, or when soil loss exceeds T.
6. Other requirements applicable to manure or organic materials, non-point source pollution, soil condition, air quality, and actions to protect sensitive water areas.
7. Written plans and specifications shall be provided to the client that adequately describes the requirements to implement the practice and obtain necessary permits. Plans & specifications include:
  - a. Maps that identify areas on which nutrients will be applied.
  - b. Location of setbacks or other sensitive areas with manure application restrictions, where applicable.
  - c. Guidance for manure nutrient applications on setbacks or other sensitive areas, where applicable.
  - d. A nutrient budget for nitrogen, phosphorus, and potassium that compares recommended to planned nutrient application rates for the soil test cycle,
  - e. Guidance for operation and maintenance plan.
8. Other requirements listed in the conservation practice standard Nutrient Management (590).
9. Certification that the design meets practice standard criteria and complies with applicable laws and regulations.
10. Design modifications during installation as required.

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**INSTALLATION**

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**Deliverables**

1. Pre-implementation conference with client to review the plan.
2. Verification that client has obtained permits, if required for installation.
3. Location of and communication of setback requirements for wetlands, water bodies, streams, and other manure-sensitive areas.
4. Installation guidance as needed.
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 application process and materials meets design and permit requirements.

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**CHECKOUT**

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**Deliverables**

1. Records of implementation.
2. Extent of practice units applied (acres).
3. Record keeping (implementation records maintained by the producer or agent):
4. Records of crops produced, planting dates, harvest dates, and yields.

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5. Records of recurring lab-certified soil tests with maps and other tests (e.g. manure, plant tissue, water) used to implement the plan.
6. Records of recommended nutrient application rates.
7. Records of nutrient applications including quantities, analyses, sources of nutrients applied, dates of application, and methods of application. When nutrients are applied based on grids of less than 3 acres, provide a dated "as-applied" map showing the actual application rate. If it is not possible to provide an as-applied map, provide:
  - a. The dated as-recommended or as-intended application map (called a prescription map).
  - b. Dated load tickets showing that the bulk weight of fertilizer material delivered to the field.
  - c. A dated certification sheet signed by the fertilizer applicator indicating that fertilizer was applied as directed by the as-recommended application map.
8. Records of recurring review of the plan including the dates of review, individual performing the review, and recommendations that resulted from the review.
9. Certification that the application meets NRCS standards and specifications and is in compliance with permits.
10. Progress reporting.

## **REFERENCES**

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- National NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Nutrient Management (590)
- Missouri NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Nutrient Management (590)
- NRCS General Manual Title 450, Part 401.03 (Technical Guides, Policy and Responsibilities) and Title 190, Part 402 (Ecological Sciences, Nutrient Management, Policy)
- NRCS National Planning Procedures Handbook (NPPH), CNMP Technical Guidance Document
- NRCS National Agronomy Manual (NAM) Section 503
- NRCS Agricultural Waste Management Field Handbook, Chapter 4 – Agricultural Waste Characteristics
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook