

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

**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. Management plan 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, if any, to be obtained by the client.
  - c. Practice standard criteria-related data, computations and analyses to develop plans and specifications including but not limited to:
    - i. Results of applicable sampling, analyses, and tests provided by the client.
    - ii. Realistic yield goals for the crop(s) to receive nutrient applications.
    - iii. Planned nutrient and soil amendment application rates, methods, and timing of application in balance with the nutrient budget.
    - iv. Site risk assessment for nitrogen and phosphorus.
    - v. Other requirements applicable to manure or organic materials, non-point source pollution, soil condition, and air quality.
    - vi. Clients that desire to use nitrogen rates that differ from the University of Illinois Nitrogen Rate Calculator based on engaging in Adaptive Management Techniques will need to provide the on farm testing protocols that were followed and must be in conformance with Illinois NRCS Adaptive Nitrogen Guidelines.
2. Written plans and specifications shall be provided to the clients that adequately describe 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 nutrient application restrictions.
  - c. Guidance for nutrient applications on setbacks or other sensitive areas.
  - d. A nutrient budget for nitrogen, phosphorus, and potassium that compares existing to planned nutrient application rates,
  - e. Guidance for operation and maintenance.
  - f. Other requirements listed in the conservation practice standard Nutrient Management (Code 590).
3. Certification that the management plan meets practice standard criteria and complies with applicable laws and regulations.
4. Modifications during installation as required.
5. Nutrient Management specifications may be recorded on the Illinois (590) Job Sheet or other worksheets/spreadsheets that provide the required items for Nutrient Management Conservation Activity Plans (CAP104) or Comprehensive Nutrient Management Plan Conservation Activity Plans (CAP102) Sections 5 and 6.

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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 required permits, if required for implementation.
3. Location of and communication of setback requirements for wetlands, water bodies, streams, and other nutrient-sensitive areas.
4. Implementation guidance as needed.
5. Facilitate and implement required plan modifications with client and original planner.
6. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during implementation.
7. Certification that the application process and materials meet design and permit requirements.

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**CHECKOUT**

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**Deliverables**

1. Records of implementation.
  - a. Extent of practice units applied, acres.
2. Guidance for record keeping (implementation records to be maintained by the producer or agent)
  - a. Records of crops produced, planting and harvest dates, yields, residue management.
  - b. Records of recurring soil tests, and other tests (e.g. manure, plant tissue, water) used to implement the plan.
  - c. Records of recommended nutrient application rates.
  - d. Records of nutrient applications including quantities, analyses, and sources of nutrients applied; dates and methods of application.
  - e. Records of recurring review of the plan including the dates or review, individual performing the review, and recommendations that resulted from the review, records of application equipment calibration (when requested).
3. Certification that the application meets NRCS standards and specifications and is in compliance with permits.
4. Progress reporting.

**REFERENCES**

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- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard and Job Sheet – Nutrient Management, 590 <http://www.il.nrcs.usda.gov/technical/>
- 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
- Illinois Agronomy Handbook