

**STATEMENT OF WORK
Nutrient Management (590)
New York State**

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

Items marked with an asterisk (*) will be delivered to the Designated Conservationist

DESIGN

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, if required, 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. 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, manure and soil amendment application rates, methods, and timing of application in balance with the nutrient budget.
 - iv. Site risk assessment for phosphorus transport when manure or other organic materials are a source of nutrients using the NY Phosphorus Runoff Index (NY P-Index).
 - v. Records of Rusle2 soil loss prediction calculations for fields needing the NY P-Index calculations.
 - vi. Records on NY Nitrogen Leaching Index for fields receiving manure or N fertilizer.
2. 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 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 recommended to planned nutrient application rates,
 - e. Guidance for operation and maintenance plan.
 - f. Other requirements listed in the conservation practice standard Nutrient Management (Code NY590).
3. Certification that the design meets practice standard criteria and complies with applicable laws and regulations.
4. ***Documentation of needed operation and maintenance.**
5. ***In cases where the practice location has changed, a statement to NRCS notifying the agency of the change in location as well as a map showing the new practice location. The statement will include the landowner's name, program name, contract number and practice name.**
6. ***Signed Warranty of Technical Services Provided form indicating compliance with practice standard criteria and applicable laws and regulations.**
7. Design modifications during installation as required.

INSTALLATION

Deliverables

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

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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.
8. ***Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.**
9. ***Signed *Warranty of Technical Services Provided* form indicating compliance with practice standard criteria and applicable laws and regulations.**

CHECKOUT

Deliverables

1. ***Records of implementation.**
 - a. **Extent of practice units applied, Tracts, Fields, amount of acres.**
2. Guidance for record keeping (implementation records 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.
3. ***Certification that the application meets NRCS standards and specifications and is in compliance with permits.**
4. ***Signed *Warranty of Technical Services Provided* form indicating compliance with practice standard criteria and applicable laws and regulations.**
5. Progress reporting.

REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Nutrient Management, NY590
- 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
- NY Phosphorus Runoff Index (<http://www.css.cornell.edu/nmsp/projects/pindex.asp>)
- Cornell Guidelines, NY N-Leaching Index, NY P-index (<http://nmsp.css.cornell.edu/>)
- NY CNMP Process Guideline