

STATEMENT OF WORK
Nutrient Management (590)
Maine
August 1, 2008

Contact Alice Begin, Resource Conservationist at 207-990-9568 or email concerns to alice.begin@me.usda.gov

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

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. Current and/or planned plant production sequence or crop rotation
 - iii. Realistic yield goals for the crop(s) to receive nutrient applications
 - iv. Complete nutrient budget for nitrogen, phosphorus, and potassium for the crop rotation or sequence
 - v. listing and quantification of all nutrient sources,
 - vi. Site risk assessment for phosphorus transport when manure or other organic materials are a source of nutrients
 - v. Other requirements applicable to manure or organic materials, non-point source pollution, soil condition, and air quality
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. CMU specific recommended nutrient application rates, timing, form, and method of application and incorporation, and
 - e. Guidance for operation and maintenance plan, including recordkeeping, per code 590.
 - f. Other requirements listed in the conservation practice standard Nutrient Management (Code 590)
3. Certification that the design meets practice standard criteria and complies with applicable laws and regulations
4. 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
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

Deliverables:

1. Records of implementation.
 - a. Extent of practice units applied, acres
2. Record keeping (implementation records maintained by the producer or agent). As applicable, records include:
 - a. Soil, plant tissue, water, manure, and organic by-product analyses resulting in recommendations for nutrient application,
 - b. quantities, analyses and sources of nutrients applied,
 - c. dates and method(s) of nutrient applications,
 - d. weather conditions and soil moisture at the time of application; lapsed time to manure incorporation, rainfall or irrigation event.
 - e. crops planted, planting and harvest dates, yields, and crop residues removed,
 - f. dates of plan review, name of reviewer, and recommended changes resulting from the review.
3. Certification that the application meets NRCS standards and specifications and is in compliance with permits
4. Progress reporting

REFERENCES

- Maine 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