

**NATURAL RESOURCES CONSERVATION SERVICE
STATEMENT OF WORK**

NUTRIENT MANAGEMENT

(Acre)

CODE 590

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

DESIGN (PLANNING REQUIREMENTS)

Deliverables

1. Complete documentation to support NRCS Colorado criteria and compatibility with planned and applied practices.
 - a. Document the 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 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
 - v. Other requirements applicable to manure or organic materials, non-point source pollution, soil condition, and air quality
2. Provide written plans and specifications to the client 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 recommended to planned nutrient application rates
 - e. Guidance for operation and maintenance plan
 - f. Other planning requirements listed in the conservation practice standard Nutrient Management (Code 590) including Colorado Nitrogen Leaching and Phosphorus Runoff Risk Assessments
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

CHECK OUT

Deliverables

1. Records of implementation
 - a. Extent of practice units applied, 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, and dates and methods of application.
 - e. Records of recurring review of the plan including the dates of 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. Progress reporting

REFERENCES

Colorado Field Office Technical Guide, Section IV. Nutrient Management 590, Conservation Practice Standard. 2012. USDA, NRCS. Lakewood, CO.

<http://efotg.nrcs.usda.gov/references/public/CO/CO590.pdf>

Colorado Field Office Technical Guide, Section IV. Nutrient Management 590, Conservation Practice Job Sheet. 2012. USDA, NRCS. Lakewood, CO.

http://efotg.sc.egov.usda.gov/references/public/CO/CO590_JS.xlsm

NRCS General Manual Title 450, Part 402 (Nutrient Management) and Title 190, National Instruction, Part 302 (Nutrient Management Policy Implementation)

NRCS National Agronomy Manual (NAM) Section 503C, Nutrient Management

NRCS Agricultural Waste Management Field Handbook, Chapter 4 – Agricultural Waste Characteristics