NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE DOCUMENTATION REQUIREMENTS

NUTRIENT MANAGEMENT

(ac.)
CODE 590

REQUIRED FORMS

Conservation plan documentation form generated through Customer Service Toolkit.

South Dakota (SD) form CD-CPA-29, “RUSLE2 Profile Erosion Calculation Record.”

Use one of the following:

1) SD form SD-CPA-63, “Nutrient Management Tool”

or both the

2) SD form SD-CPA-7, “Initial Nutrient Management Plan,” and SD form SD-CPA-8, “Annual Nutrient Management Planning Worksheet.”

OPTIONAL DOCUMENTS

SDSU-EC 750, “Fertilizer Recommendations Guide”

SDSU-Extra 8009, “Quantities of Nutrients Contained in Crops”

SDSU Soil Testing Laboratory, Soil Sampling Information Sheet

SD-NRCS-FS-36, “Sampling Manure for Nutrient Management”

SD-NRCS-FS-38, "Using Manure Analysis Results"

USGS/SDGS, Geology, Water Resources or Aquifer Reports

SD-NRCS-FS-43, “Calibrating Manure Spreader Application Rates"

PLANNING REQUIREMENTS

The surface or ground water resource and management limitations will be documented in the conservation plan narrative.

A plan map labeled “Water Quality Risk Assessment Map” is required for documenting surface and ground water limitations. The Water Quality Risk Assessment Map will have: 1) fields clearly outlined with a thick bold line boundary; 2) be identified at a minimum with a field number, acres, and land use (i.e., crop, pasture, grazed range, etc.,); 3) be clearly marked with the legal description; 4) setbacks, exclusion areas and/or filter strips will be outlined cross-hatched and identified on the map legend; 5) fields with a high risk of leaching or runoff will be labeled and clearly identified in the map legend; 6) fields used for manure application will be labeled and clearly identified in the map legend.

A soils map is required for all application fields.

Soil testing is required for practice application. Each soil test report will be clearly identified by tract and field or by legal description. Soil testing is required for each field identified on the plan map. The use of one soil test to represent a group of fields, does not meet Land Grant University guidance for sampling and testing soils.

Manure testing is required for practice application, if applicable.

The rotation established will be documented in practice Conservation Crop Rotation (328) in the conservation plan.

The tillage system documented in practice narrative 329A-C or Residue Management (344) in the conservation plan.

Complete all data on form SD-CPA-29, for each field where nutrient applications are planned.

Complete all data on for an initial nutrient management plan for a permitted and non-permitted livestock facility.

Documentation of crop yields used will be included in the nutrient management plan.

When annual nutrient applications are planned, complete the application portion of the SD-CPA-63 or the SD-CPA-8 planning worksheet, page 1.

PERFORMANCE

Complete all application data entries for the SD forms SD-CPA-63 or SD-CPA-8 for each field documenting all nutrient sources used and amounts applied. Soil test reports, manure test reports (if applicable), and application equipment calibration records (if applicable), are required for supporting documentation.

Application records will be reviewed and application of this practice will be documented in the conservation plan generated through Customer Service Toolkit.