

**DOCUMENTING PLANNING, DESIGN, CONSTRUCTION AND CHECKOUT OF  
ENGINEERING CONSERVATION PRACTICES GUIDE**

**Amendments for Treatment of Agricultural Waste, Code 591**

**I. References**

A. Design Criteria

1. Alabama FOTG Section IV, conservation practice standard Amendments for Treatment of Agricultural Waste, Code 591.

**II. Documentation**

A. Preliminary Investigation

Make a preliminary investigation to determine the feasibility of adding amendments to treat manure, process waste water, or storm water. This conservation practice shall be a part of the overall agricultural waste management system.

B. Engineering Surveys – None Required.

C. Design

1. Design in accordance with the design criteria in the conservation practice standard Amendments for Treatment of Agriculture Waste, Code 591. Record design data on NRCS-ENG-523A (or equivalent).
2. Develop engineering plans and specifications. As a minimum the plans and specifications shall include for each field:
  - a. The name of the amendment, the purpose(s) for its use, and the planned outcome(s).
  - b. Application methodology, including rates, timing, mixing instructions, temperature requirements, etc.
  - c. Required tests to determine the effectiveness of the amendment as appropriate.
3. Develop a site specific O&M Plan for the practice.

D. Construction Layout

None Required.

E. Construction

Adequate site visits and checks shall be made during construction to verify that the plans and specifications are followed.

Any changes in the design must be reviewed and concurred by the landowner and shall be approved by the designer and person with appropriate engineering design job approval authority.

F. Construction Checkout

1. Record the type, quality, quantity of amendment used.
2. If the practice meets NRCS standards and specifications, then the statement "This practice meets NRCS practice standards and specifications" shall be placed on the checkout document and signed and dated by the responsible person with appropriate level of engineering job approval authority.

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### **G. Reporting and/or Certifying**

After it has been determined and documented that the practice meets NRCS plans and specifications, it can be reported and certified. The extent of the practice to be reported is in animal units. The extent of the practice to be certified is the quantities used as the basis of payment such as the pounds of amendments used, etc.