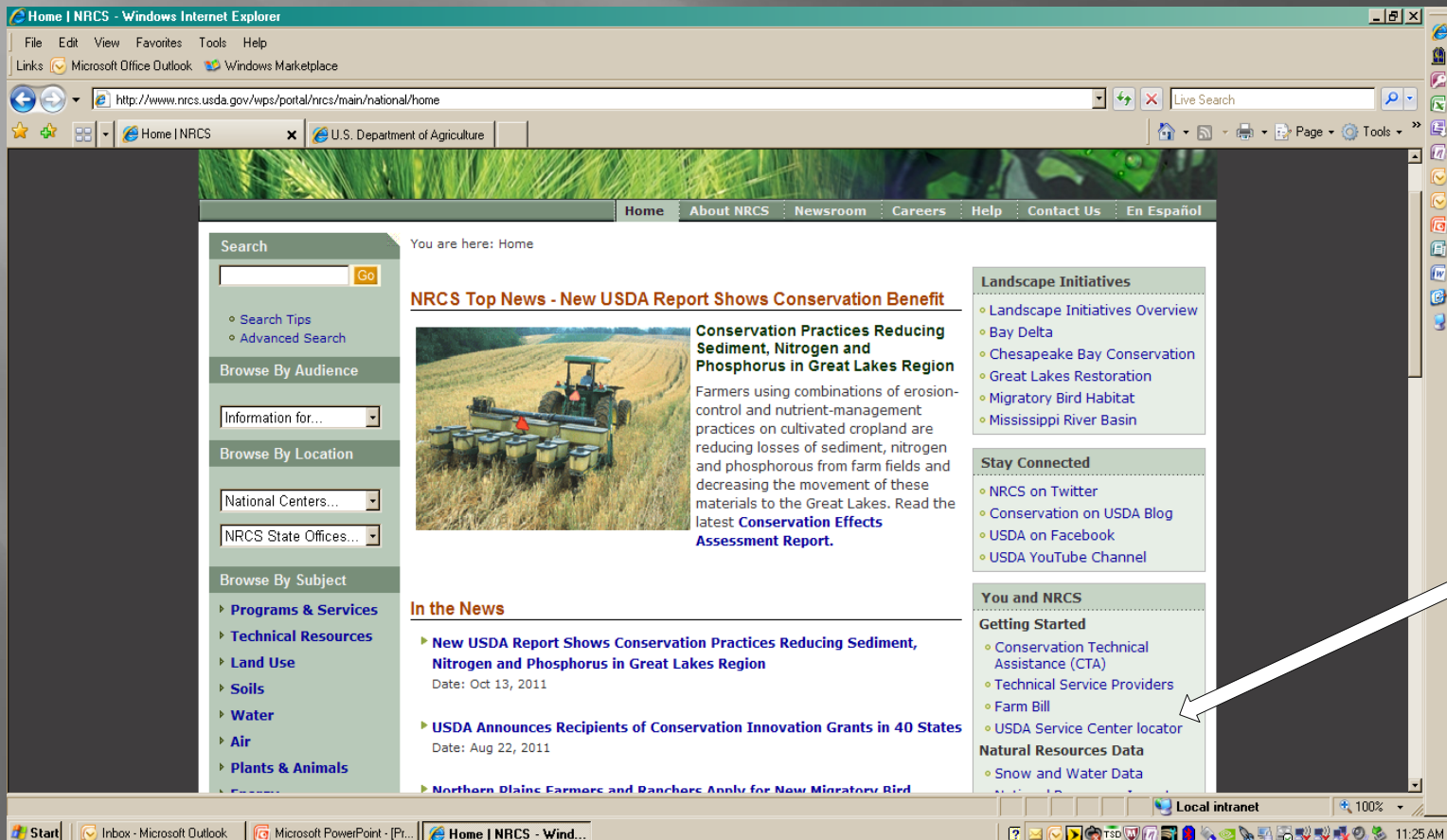


NRCS TECHNICAL AND FINANCIAL ASSISTANCE FOR ANAEROBIC DIGESTERS

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Conservation Plan

Manure Management System

Anaerobic Digester

Conservation Plan

- 1. Identify the Problem**
- 2. Determine the Objectives**
- 3. Inventory the Resources**
- 4. Analyze Resource Data**
- 5. Formulate Alternative Solutions**
- 6. Evaluate Alternative Solutions**
- 7. Determine a Course of Action**
- 8. Implement the Decisions**
- 9. Evaluate the Results**

Conservation Plan

Soil

Water

Air

Plant

Animal

Energy

Social - Cultural - Economic

Conservation Plan

Manure Management System

Production
Collection
Treatment
Storage
Transfer
Utilization

Conservation Plan

Manure Management System

Production

Collection

Treatment

Storage

Transfer

Utilization

Anaerobic Digester



Conservation Plan

Manure Management System

Production

Collection

Treatment

Storage

Transfer

Utilization

Anaerobic Digester

Nutrient Management Plan



Anaerobic Digester

366 - 1

NATURAL RESOURCES CONSERVATION SERVICE CONSERVATION PRACTICE STANDARD

ANAEROBIC DIGESTER

(No.)

CODE 366

DEFINITION

A component of a waste management system that provides biological treatment in the absence of oxygen.

PURPOSE

For the treatment of manure and other byproducts of animal agricultural operations for one or more of the following reasons to

capture biogas for energy production

CRITERIA

General Criteria Applicable to All Purposes

Feedstock Characteristics. The design of the digester needs to take feedstock properties into account. Extraneous material such as soil, sand, stones or fibrous bedding material (including clumps of straw), must be ground, removed, reduced, or otherwise handled. The total solids of feedstock influent to the digester shall be as required by the digester type and

Anaerobic Digester

CPS Anaerobic Digester
(366)

Plug Flow
Complete Mix
Covered Lagoon
Alternative Design

Anaerobic Digester

Technical Expertise

District Conservationist
State Office Technical Staff
National Technology Support Centers

Technical Service Providers
Conservation Partners

Anaerobic Digester

Planning
Design
Technical Review
Construction Inspection

Conservation Plan

Manure Management System

Anaerobic Digester

Conservation Plan

PROGRAMS



PROGRAMS

EQIP

CIG

State and Other



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United States Department of Agriculture
Natural Resources Conservation Service

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