

Concentrated Nutrient Source Management System

Definition/Purpose

A Concentrated Nutrient Source Management System is a system of vegetative and structural measures used to manage the collection, storage, and/or treatment of areas where agricultural products may cause an area of concentrated nutrients. Examples could include sweet potato culls and silage leachate. (DIP)

Policies

1. Concentrated Nutrient Source Management System components must adhere to existing NCACSP BMP policies and NC NRCS standards.
2. Elements and items already a part of the NCACSP Average Cost List will be paid at 75/90% of average cost, including grading, vegetation, and pipe. Other approved BMPs (e.g., filter strip, critical area planting, and diversion) may be incorporated into the Concentrated Nutrient Source Management System. For components not found in the Average Cost List, cost will be based on 75/90% of the actual cost with Division approval required.
3. For systems where nutrients are land applied, the application must be in accordance with a nutrient management plan that conforms to the NRCS 590 Nutrient Management standard.
4. For any treatment system associated with a Division of Water Resources (DWR) permitted confined animal operation that will be in line with existing treatment systems on the facility shall obtain prior approval from DWR before installation.

CONCENTRATED NUTRIENT SOURCE MANAGEMENT SYSTEM	
Maintenance Period	10 years
BMP Units	EACH
Required Effects	ACRES_AFFECTED ANIMAL TYPE ANIMAL UNITS N and P Waste Managed
JAA	NRCS Area Office or Division of Soil and Water Conservation Professional Engineer must approve engineering designs.
NRCS Standards	ECS - 393 - Filter Strip ECS - 342 - Critical Area Planting ECS - 362 - Diversion ECS - 590 - Nutrient Management Any approved ACSP BMP as needed per system design
CS2 /Reference Materials	NC-ACSP-11 Signature Page Map with BMP locations, fields, and roads Nutrient Management Plan (if applicable)

Agriculture Cost Share Program

Additional Spot-check Requirements	All waste management systems for operations not permitted by the Division of Water Resources must be spot-checked annually for five years following implementation.
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