

## ***N312 Dairy Waste Management***

### **Purpose**

Manage waste from agricultural production in a manner that prevents or minimizes degradation of soil and water resources. Such systems are planned to preclude discharge of pollutants to surface or ground water and to recycle waste through correct soil application to agricultural land.

### **Applicability**

Practice applies where:

1. Wastes generated may pose a threat to land and water resources.
2. Soil, water, and plant resources are adequate to properly manage the waste.

### **Erosion Requirements**

Practice has no erosion requirements.

### **Specifications**

The completed practice must meet the NRCS Standards and Specifications for Waste Storage Facility (313), Critical Area Planting (342), Waste Treatment Lagoon (359), Roofs and Covers (367), Pumping Plant (533), and Nutrient Management (590) contained in the Field Office Technical Guide.

### **Policies**

1. The intent of this practice is to store animal waste. Therefore, a signed “N312 Operation and Maintenance Statement” (which can be found in the Appendix) must be completed prior to contract board approval. Contracts for lagoons only are exempt from the form requirement.
2. All nutrients applied must be in accordance to the Nutrient Management (590) standard.
3. Design plans must be submitted in MoSWIMS as a “Supporting Documentation” type of document with contract approval.
4. ***Cost-share is authorized for:***
  - a. 75% cost-share for:
    - 1) Flush tanks.
    - 2) Conveyance of waste to treatment area (such as reception tank, gutter or storage tank).
    - 3) Waste storage tank and/or pond.
    - 4) Solids separator.
    - 5) Solids storage area, including roof.
  - b. 50% cost-share for:
    - 1) Area of the floor utilized for collection of waste in feeding and travel areas.

- 2) Roof and gutter covering travel areas. The square footage of the roofing must equal the square footage of floor space, as specified above.
- c. Critical Area Seeding. Permanent vegetative cover based on the Critical Area Seeding component.

5. ***Cost-share is not authorized for:***

- a. Permitted animal waste systems, under the conditions listed in section V, subsection J.
- b. Bedding and bunk feeding areas, including roof.
- c. Any components of the animal waste system above the minimum and necessary for the number of animal units at the time of the contract.
- d. Irrigation systems, spreading equipment, and other components required for field application.
- e. Costs incurred to develop or implement a comprehensive nutrient management plan.
- f. Mobile agitation, pumping, and related equipment.

**Maximum State Cost-Share**

- 1. Assistance is limited to 75% of the county average cost, not to exceed the state average cost.
- 2. Not to exceed \$50,000 per cooperator.

**Map Requirements**

A map that displays the completed practice must be scanned and attached as a “Map Document” in MoSWIMS prior to contract payment submission.

**Technical Responsibilities**

Technical staff has the responsibility for determining the need for the practice, for design of the practice based upon the minimum extent necessary, and to certify that the completed practice meets NRCS standards and specifications within commission policy.

**Acres Served**

Acreage is equal to zero.

**Extent Installed**

Animal Units.

**Maintenance Life**

10 years.