

N312 *Beef 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 on farms where:

1. Wastes are generated by agricultural production.
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), Vegetation Establishment, Herbaceous Seeding (723), Roofs and Covers (367), Nutrient Management (590), and Heavy Use Area Protection (561) 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 the contract’s board approval. Only contracts for lagoons 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 scanned into MoSWIMS as a document type of “Design Plans” prior to submission for contract approval.
4. ***Cost-share is authorized for:***
 - a. 75% cost-share for:
 - 1) Floor space utilized to store dry waste from paved feedlot.
 - 2) Roof to cover dry storage area. The square footage of the roofing must equal the square footage of floor space, as specified above.
 - 3) Wall necessary to enclose dry storage area.
 - 4) Collection gutter or basin from feedlot to storage area.
 - b. 50% cost-share for:
 - 1) Area of the floor utilized for collection of waste in feeding and travel areas.
 - 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 I.
- b. Any components of the animal waste system above the minimum and necessary for the number of animals at the time of application.
- c. Isolated structures not considered a component of a waste management system.
- d. Bedding and bunk feeding areas, including roof.
- 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 document type “Map” 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.

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 on farms where:

1. Wastes are generated by agricultural production.
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), Vegetation Establishment, Herbaceous Seeding (723), Waste Treatment Lagoon (359), Roofs and Covers (367), Pumping Plant (533), Nutrient Management (590) and Heavy Use Area Protection (561) 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 scanned into MoSWIMS as a document type of “Design Plans” prior to submission for 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 I.
- 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 application.
- 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 document type “Map” 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.

N312 Poultry 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 on farms where:

1. Wastes are generated by agricultural production.
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), Vegetation Establishment, Herbaceous Seeding (723), Roofs and Covers (367) 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 the contract’s board approval. Only contracts for lagoons 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 scanned into MoSWIMS as a document type of “Design Plans” prior to submission for contract approval.
4. ***Cost-share is authorized for:***
 - a. 75% cost-share for:
 - 1) Floor space utilized to store dry waste.
 - 2) Roof to cover dry storage area. The square footage of the roofing must equal the square footage of floor space, as specified above.
 - 3) Wall necessary to enclose dry storage area.
 - 4) Loading ramp.
 - b. 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 I.
- b. Any components of the animal waste system above the minimum and necessary for the number of animals at the time of application.
- c. Floor area utilized for anything other than dry waste storage, based on current animal units.
- d. Clean bedding storage (such as sawdust, wood chips, etc.).
- e. Waste facility or “high-rise” house for layers.
- f. Costs incurred to develop or implement a comprehensive nutrient management plan.
- g. Mobile agitation, pumping, and related equipment.
- h. Composter. Cost-share is authorized under N317 Composting Facility.

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 document type “Map” 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.

N312 Swine 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 on farms where:

1. Wastes are generated by agricultural production.
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), Waste Treatment Lagoon (359), Critical Area Planting (342), Vegetation Establishment, Herbaceous Seeding (723), Roofs and Covers (367), Pumping Plant (533), Nutrient Management (590) and Heavy Use Area Protection (561) 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” must be completed prior to the contract’s board approval. Only contracts for lagoons are exempt from this requirement.
2. All nutrients applied must be in accordance to the Nutrient Management (590) standard.
3. Design plans must be scanned into MoSWIMS as a document type of “Design Plans” prior to submission for 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) Solids separator.
 - 4) Solids separation basin.
 - 5) Solids storage area, including roof.
 - 6) Waste storage pond and/or lagoon.
 - 7) Pit storage and underground collection associated with farrowing, growing, gestation, feeding, finishing, or nursery buildings.

- b. 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 I.
- b. System elements utilized for anything other than treatment, storage, and collection of animal waste.
- c. Any components of the animal waste system above the minimum and necessary for the number of animal units at the time of application.
- d. Irrigation systems, spreading equipment, or field application components.
- e. Slatted floors.
- f. Costs incurred to develop or implement a comprehensive nutrient management plan.
- g. 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 document type “Map” 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.