

## Watershed Agricultural Program SOP

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### 2.1.14.2

#### **BMP COMPONENT (MACHINERY & EQUIPMENT)** **MANURE SPREADER JUSTIFICATION**

When a WFP requires the installation of a BMP that requires the collection and storage of manure to be spread according to a NMP follow the following procedure. Equipment will be eligible when the manure amounts, style and consistency are substantially changed due to the implementation of BMPs

1. Determine that an adequate land base is available to spread manure and follow a NMP. If an adequate land base is not available manure export BMPs should be considered before equipment purchase.
2. What type of change will this BMP cause:
  - a. Change the consistency of manure from solid/semi-solid to liquid. Use Section I
  - b. Increase the amount of solid/semi-solid or liquid manure collected. Use Section II
  - c. Add liquid waste (i.e. milkhouse waste, silage leachate, barnyard runoff, etc.) to a daily spread manure system. Use Section III

#### **Section I: Liquid Procedure**

1. Determine that the Producer has access to the general means of manure transportation and distribution (i.e. tractor, etc.).
2. Manure transfer and application equipment are eligible for WFP funding.
3. Follow existing Manure Transportation Decision Making Grid for farms with over 2 million gallons of manure storage proposed or implemented.

#### **Section II: Solid/ Semi-solid Procedure**

1. Is the farm currently enrolled in the NM Credit program?
  - a. If **NO**
    - i. Does the BMP cause the farm to increase the manure collected by more than 50 tons or 15,000 gallons per year?
      1. If **NO**
        - a. No WFP funding for equipment should be requested.
      2. If **YES: one** of the following options could be selected.
        - a. WFP funding of necessary manure handling equipment.
          - i. Determine that the Producer has access to the general means of manure transportation and distribution (i.e. tractor, truck, adequate all terrain vehicle).

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- ii. Size equipment appropriately for the equipment available and the amount of manure to be handled.

**OR**

- b. Enroll the Farm in the NM Credit program, if available or an equivalent incentive program (remember this program can be used to fund use of custom service for manure handling and application or purchase and repair of manure handling equipment).

**OR**

- c. If a farm does not have necessary equipment to handle/spread manure and is not eligible for NM Credit, refer to the Manure Transportation BMP Guideline (2.1.26) and corresponding SOP to determine appropriate WFP funding for Manure Transportation Credit.

b. If **YES**

- i. Does the BMP cause the farm to increase the manure collected by more than 150 tons or 60,000 gallons per year?

- 1. If **NO**

- a. No WFP funding for equipment should be requested.

- 2. If **YES**

- a. WFP funding of necessary manure handling equipment.
  - i. Determine that the Producer has access to the general means of manure transportation and distribution (i.e. tractor, truck, adequate all terrain vehicle).
  - ii. Size equipment appropriately for the equipment available and the amount of manure to be handled.

### Section III: Addition of liquid waste to a daily spread manure system

- 1. Determine if the producer's manure spreader is large enough to accommodate the additional volume and is sufficiently liquid tight to transport the additional liquid.

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- a. If **YES**
  - i. No WFP funding for equipment should be requested.
- b. If **NO**
  - i. WFP funding of necessary manure handling equipment.
    - 1. Determine that the Producer has access to the general means of manure transportation and distribution (i.e. tractor, truck, adequate all terrain vehicle).
    - 2. Size equipment appropriately for the equipment available and the amount of manure to be handled, assuring that the proposed equipment will be sufficiently liquid tight.