

Watershed Agricultural Program Guideline

2.1.26

Manure Transportation BMPs

Purpose

The purpose of Manure Transportation BMPs is to facilitate the transportation and application of manure on qualifying farms and/or to provide a mechanism and incentive for using custom services or new application technologies. Manure Transportation BMPs include the purchase of manure transportation equipment (i.e. - manure spreader, manure truck or specialized equipment), Manure Transportation Credit (MTC), or other alternatives to conventional manure spreading, such as manure export.

A. Manure Truck *

a. A manure truck can be placed on a farm when a WAP funded manure storage is implemented and certain criteria are met. The criteria, detailed in the Manure Transportation BMPS-MTC SOP (2.1.26.1) include:

- i. Amount of manure collected annually
- ii. Distance to fields
- iii. Soil test Phosphorus
- iv. Highway conditions

B. Manure Spreader

i. A manure spreader can be placed on a farm when a WAP funded BMP has been implemented and certain criteria detailed in the Manure Spreader Justification SOP (2.1.14.2) are met. These criteria include:

- i. A change in the manure consistency (i.e. - solid to liquid)
- ii. An increase in the amount of manure collected
- iii. The addition of liquid waste to daily spread manure

ii. Additional criteria include: eligibility for Nutrient Management Credit, amount of manure collected annually, and adequate equipment to spread manure.

C. Manure Transportation Credit (MTC)

i. MTC can be used in lieu of purchasing a manure truck if justified using the Manure Transportation Decision Grid

ii. MTC can be used in lieu of purchasing a manure spreader using the same criteria as defined in both the Manure Spreader Justification SOP (2.1.14.2) and Manure Transportation BMPS-MTC SOP (2.1.26.1).

iii. MTC can be used to rent/lease necessary equipment or to hire custom services for the purpose of direct manure injection.

iv. All scenarios are detailed in the Manure Transportation BMPS-MTC SOP (2.1.26.1)

D. Manure Export:

a. Specific situations may exist where manure export off the farm is necessary for water quality. Alternative BMPs may be needed to facilitate the export (i.e. – dumpsters, dumpster pads, etc.)

E. Equipment Credit: Provides an annual financial incentive for the continued use or replacement of land application equipment (rolling stock only) that has reached the end of its lifespan, provided it remains essential to the implementation of a WAP BMP system.

- a. Eligibility: To be eligible to participate in the WAP Equipment Credit BMP a farm must:
- Meet the operational requirements to participate in the NM Credit Program.
 - The WAP placed equipment must be beyond its O&M lifespan. The original rolling stock is not required to still be in use, or owned by the farm, to be eligible.
 - The equipment aligns with the original issue statement justification, has not been addressed by another BMP (i.e. storage/truck), and meets the Manure Transportation BMP (2.1.26) guideline and applicable SOP criteria.

- For farms with more than 1 piece of equipment placed, each rolling stock unit will be evaluated individually and justified as part of that specific BMP system.
- b. Credit Rate:
- Every 5 years, the Whole Farm Planner will evaluate the farm's eligibility and justification for this equipment credit.
 - Cost estimates for new equipment will be determined following WAP equipment credit estimate procedures and divided equally over the typical lifespan (spreaders -10 years, trucks - 15 years).
 - Equipment Credit will be approved through a WFP Revision in a 5-year BMP series.
 - Example:
 1. New spreader estimate: \$40,000
 2. 10 Year Lifespan Annual Equivalent: \$4,000/yr
 3. Annual BMP Credit: \$4,000/yr
 4. WFP Funds Added: \$20,000 (5 year max per revision)
- c. Credit Use:
- Annual equipment credit BMPs must be used during the fiscal year in which it is funded. Funds cannot be advanced or extended beyond that year.
 - Eligible expenses include:
 - Purchase, lease, rent, enhancement or repair of applicable rolling stock. This may include multiple pieces of land application equipment supporting that system.
- d. Payments can be made only to the maximum credits approved in the WFP for that year. Payment methods are listed below. Payment process will be implemented according to the WAC Procurement Procedure, and mirrored after the NMCP procedures.
- Payment method 1: Participant reimbursement
 - Participant pays for eligible expenses
 - Participant submits copy of invoice and valid proof of payment
 - WAC reimburses within a timely manner.
 - Payment method 2: Payment to Vendor
 - Farmer submits an official price quote from the vendor with description of equipment or service and agrees to payment to vendor.
 - WAC issues payment within a timely manner.
 - Acceptable Proofs of Payment (see Attachment B)
 - Two-Party Check, Check, Lease, Loan, Credit Card, Farm Plan, Line of Credit, Electronic Transfer
- e. Equipment Credit Reimbursement Check Minimums:
- Participants must request expense reimbursement in such a manner that any Equipment BMP check, whether general reimbursement or 2 party check, is a minimum of \$300.00. Producers may submit multiple expenses of less than \$300.00 each to make up the \$300.00 minimum check.
 - The only exceptions to this \$300.00 check minimum are:
 - If a participant has less than \$300.00 of Equipment Credit.
 - If a participant is in jeopardy of having Equipment Credit expire (lose the credit) that is less than \$300.00.
- f. Carry forward of excess expenses: Expenses for eligible reimbursement that exceed the amount of available credit may be carried over and reimbursed up to the original expense total.

* The WAC shall secure and hold a lease for the term of the life span for all road vehicles requiring a NYS DMV Registration. See BMP Component (Machinery & Equipment) Guideline 2.1.14