



Manure Transfer Contract

Regulation 61-43 (R.61-43)

Must be completed by any person who purchases manure that is not included in any waste management plans.

Date _____

GENERAL INFORMATION (Manure Purchased by):

Name _____

Address _____

County _____ Phone _____

MANURE NUTRIENT COMPOSITION (pounds/ton or pounds/1000 gallons)

Nitrogen _____ Phosphorus _____ Potassium _____

INFORMATION FOR ALL FIELDS TO RECEIVE MANURE:.

Physical Description				Soil Test Results			Recommended Application Rates		
Field	Acreage	Crop	Soil Type	P	Zn	Cu	N	P	K
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									

Attach a copy of a soils map, topographic map, county tax map, plat, FSA map, OR a site plan sketch which includes the following information:

- Manure Application Area with setback areas outlined
- Known-water supply wells-within 100 feet of property line
- Adjacent surface waters, including ditches, streams, creeks and ponds
- Identification of roads and highways to indicate location

Application Equipment Description

AGREEMENT:

- I, the undersigned, understand that if animal manure is supplied to me as a soil amendment and fertilizer, that
- I must utilize the manure in a responsible manner and in a manner consistent with the attached requirements.
- I also understand that the manure should be applied at the agronomic rate for the crops grown.
- I also state that the information which I have supplied is correct, to the best of my knowledge and belief.

Signature of Landowner _____

*A copy of this contract must be kept by the Manure Broker

SC DHEC Manure Land Application Requirements

(For all requirements see Part 200 & 400 of R.61-43)

(Attachment to Manure Transfer Contract)

(Pertains to Part 200 & 400 of R.61-43, for rules related to Part 100 see R.61-43.)

SC DHEC Manure Land Application Requirements

(Attachment to Manure Transfer Contract)

1) The following setbacks must be utilized when land applying animal manure:

- Potable Wells --- 200 feet
- Ditches --- 50 feet
- Residence

The minimum separation distance in feet required between a manure utilization area and a residence is 300 feet. If there are no residences within 300 feet of the manure utilization area, manure may be applied up to the property line. The 300-foot setback is waived with the consent of the owner of the residence. If the application method is injection or immediate incorporation, manure may be applied up to the property line. The setbacks are imposed at the time of application. The Department may impose these setbacks on previously approved sites to address problems on a case-by-case basis.

- Waters of the State including ephemeral and intermittent streams
 - a. Spreading without incorporation --- 100 feet
 - b. Incorporation of Manure --- 75 feet
 - c. Incorporation of Manure within 24 hours --- 50 feet
 - d. Injection of Manure --- 50 feet

2) Waste must not be applied to land that is saturated from recent precipitation, flooded, frozen, or snow-covered. Waste shall not be applied during inclement weather.

3) Waste must not be applied to land surface when the vertical separation between the land surface and the water table is less than 1.5 feet. Waste must not be placed or allowed to come into contact with groundwater.

4) The land application equipment, when used more than once per year, shall be calibrated at least annually to ensure that proper application rates are being attained. If the land application equipment has not been used in over a year, then the equipment must be calibrated prior to use.

5) Waste should not be applied to land more than 30 days before crop planting or during dormant periods for perennial species.

6) Use runoff control practices on sloping cultivated fields and incorporate manure as soon as possible after spreading.

7) Use all sanitary precautions in the collection, storage, transportation, and spreading of waste. The body of all vehicles transporting waste shall be wholly enclosed, or shall at all times, while in transit, be kept covered with a canvas cover provided with eyelets and rope tie-downs, or any other approved method which will prevent blowing or spillage of loose material or liquids. Should any spillage occur during the transportation of the waste, the owner/operator will take immediate steps to clean up the waste.

8) If the manure is stockpiled outside, the manure shall be stored on a concrete pad or other approved pad (such as plastic or clay lined) and covered with an acceptable cover to prevent odors, vector attraction, and runoff on a daily basis (unless otherwise specified in the permit). The cover should be properly vented with screen wire to let the gases escape. The edges of the cover should be properly anchored.

9) No producer shall apply animal waste to land if any of the following cumulative loading rates have been reached:

Arsenic: 37lbs/acre

Copper: 1339 lbs/acre

Zinc: 2499lbs/acre

- 10) Waste should not be spread in the floodplain if there is danger of a major runoff event. If waste is spread in the floodplain when there is no danger of major runoff event, waste must be incorporated immediately.
- 11) Allow a minimum of 4-week recovery period between applications. Sufficient land must be available to rotate applications to utilize nutrients in waste for crop productions.
- 12) Apply waste (solid or liquid) only when weather and soil conditions are favorable and when prevailing winds are blowing away from nearby opposite dwellings. Any waste that contains fly larvae and fly pupae must be disked into the ground immediately or be treated with an approved and effective fly control method. If the waste disposal on a land application area creates a fly problem for the community, the owner and or applicator will be responsible for the control of all flies resulting from the application of the waste. Assistance with fly control and fly problem prevention can be obtained through contact with the local Clemson Extension Service Office.

The land owner is responsible for applying manure to the land at an agronomic rate as determined by the annual soil and manure analysis. These requirements must be followed and the manure must be handled in a manner acceptable to the South Carolina Department of Health and Environmental Control.

Manure Transfer Contract to Third Party Instructions for Completing DHEC Form 4153

Purpose: This form is used by the broker to notify the person purchasing animal manure of their requirements in relation to the handling and land application of animal waste as required in Regulation 61-43.

Who completes the form: The broker and the third party that is purchasing the animal manure for land application.

Instructions:

1. Enter the Date and the contact information for the person purchasing the animal manure.
2. Enter the nutrient content for the animal manure purchased.
3. Enter the soil analysis information for the fields that will be land applied on.
4. Describe the land application equipment.
5. Complete signature section
6. Provide a copy of this completed contract to the person purchasing the animal manure and maintain a copy with the broker records for Department review upon request.

Personal information provided on this form is subject to public scrutiny or release.

Office Mechanics and Filing: Retention schedule is 001647.