State of North Carolina
Department of Environment and Natural Resources
Division of Water Resources

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Water Quality Regional Operations Section

Animal Waste Management Systems
Request for Certificate of Coverage
Facility Currently Covered by an Expiring State Non-Discharge General Permit

On September 30, 2014, the North Carolina State Non-Discharge General Permits for Animal Waste Management Systems will expire. As required by these permits, facilities that have been issued Certificates of Coverage to operate under these State Non-Discharge General Permits must apply for renewal at least 180 days prior to their expiration date. Therefore, all applications must be received by the Division of Water Resources by no later than **April 1, 2014**.

Please do not leave any question unanswered. Please verify all information and make any necessary corrections below.

Application must be signed and dated by the Permittee.

1. Facility Number: 540135 and Certificate of Coverage Number: AWS540135
2. Facility Name: Woody Sutton Farm #2
3. Landowner's name (same as on the Waste Management Plan): Woody Sutton
4. Landowner's mailing address: ~~0265~~ 6223 Wyse Fork Rd
   City/State: Dover NC Zip: 285268832
   Telephone Number (include area code): (252)523-6956 **E-mail:**
5. **Facility's physical address:** 3255 Seth W Rd
   City: Kinston **State**: NC **Zip:** 28501
6. County where facility is located: Lenoir
7. Farm Manager's name (If different than the Landowner):
8. Farm Manager's telephone number (include area code): 1-252-523-6956
9. Integrator's name (if there is not an integrator write "None"): Murphy-Brown LLC
10. Operator in Charge (OIC) name: Woody Sutton Sr Telephone Number 1-252-523-6956 OIC # 17712
11. Lessee's name (if there is not a lessee write "None"): None
12. Indicate animal operation type and number:

Swine	**Cattle**	**Dry Poultry**
Wean to Finish	Dairy Calf	Non Laying Chickens
Wean to Feeder	Dairy Heifer	Laying Chickens
Farrow to Finish	Milk Cow	Turkeys
Feeder to Finish **4896**	Dry Cow	Other
Farrow to Wean	Beef Stocker Calf	Pullets
Farrow to Feeder	Beef Feeder	Turkey Poults
Boar/Stud	Beef Brood Cow	
Gilts	Other	
Other		**Wet Poultry**
Horses - Horses	Sheep - Sheep	Non Laying Pullets
Horses - Other	Sheep - Other	Layers

Mail one (1) copy of the most recent Waste Utilization Plan (WUP) along with the field maps for this facility with this completed and signed application as required by NC General Statures 143-215.10C(d) to the address below. The WUP must be signed by the owner and a certified technical specialist.

As a second option to mailing paper copies of the application package, you can scan and email one signed copy of the application and the WUP to: animalpermits@ncdenr.gov

I attest that this application has been reviewed by me and is accurate and complete to the best of my knowledge. I understand that, if all required parts of this application are not completed and that if all required supporting information and attachments are not included, this application package will be returned to me as incomplete. **Note**: In accordance with NC General Statutes 143-215.6A and 143-215.6B, any person who knowingly makes any false statement, representation, or certification in any application may be subject to civil penalties up to $25,000 per violation. (18 U.S.C. Section 1001 provides a punishment by a fine of not more than $10,000 or imprisonment of not more than 5 years, or both for a similar offense.)

Printed Name of Signing Official (Landowner, or if multiple Landowners all landowners should sign. If Landowner is a corporation, signature should be by a principal executive officer of the corporation):

Woody Sutton

Name: Woody Sutton Title: Owner

Signature: Woody Sutton Date: 3-20-14

Name: _____ Title: _____

Signature: _____ Date: _____

Name: _____ Title: _____

Signature: _____ Date: _____

THE COMPLETED APPLICATION SHOULD BE SENT TO THE FOLLOWING ADDRESS:

NCDENR–DWR
Animal Feeding Operations Branch
1636 Mail Service Center
Raleigh, North Carolina 27699-1636

Telephone number: (919) 807-6464
E-mail: animalpermits@ncdenr.gov

WASTE UTILIZATION PLAN

Producer: Woody Sutton #2
Location: Rt. 2, Box 163
Dover, NC 28526
Telephone: (919) 523 6956

Type Operation: Feeder-Finish

Number of Animals: 4896
(Design Capacity)

The waste from your animal facility must be land applied at a specified rate to prevent pollution of surface and/or groundwater. The plant nutrients in the animal waste should be used to reduce the amount of commercial fertilizer required for the crops in the fields where the waste is to be applied. This waste utilization plan uses nitrogen as the limiting nutrient. Waste should be analyzed before each application cycle. Annual soil tests are strongly encouraged so that all plant nutrients can be balanced for realistic yields of the crop to be grown.

Several factors are important in implementing your waste utilization plan in order to maximize the fertilizer value of the waste and to ensure that it is applied in an environmentally safe manner. Always apply waste based on the needs of the crop to be grown and the nutrient content of the waste. Do not apply more nitrogen than the crop can utilize. Soil types are important as they have different infiltration rates, leaching potentials, cation exchange capacities, and available water holding capacities. Normally waste shall not be applied to land eroding at greater than 5 tons per acre per year. With special precautions, waste may be applied to land eroding at up to 10 tons per acre per year. Do not apply waste on saturated soils, when it is raining, or when the surface is frozen. Either of these conditions may result in runoff to surface waters which is not allowed under DEM regulations. Wind conditions should also be considered to avoid drift and downwind odor problems. To maximize the value of nutrients for crop production and to reduce the potential for pollution, the waste should be applied to a growing crop or applied to bare ground not more than 30 days prior to planting. Injecting the waste or disking will conserve nutrients and reduce odor problems.

The estimated acres needed to apply the animal waste is based on typical nutrient content for this type of facility. Acreage requirements should be based on the waste analysis report from your waste management facility. Attached you will find information on proper sampling techniques, preparation, and transfer of waste samples to the lab for analysis.

This waste utilization plan, if carried out, meets the requirements for compliance with 15A NCAC 2H.0217 adopted by the Environmental Management Commission.

WASTE UTILIZATION PLAN

Amount of Waste Produced Per Year (gallons, ft³, tons, etc.)

4896 animals X 1.9 (~~amt.~~ TONS) waste/animal/year = 9302.4 (amt.) waste/year.

Amount of Plant Available Nitrogen (PAN) Produced Per Year

4896 animals X 2.3 lbs. PAN/animal/year = 11,261 lbs. PAN/year. (PAN from N. C. Tech. Guide Std. 633)

Applying the above amount of waste is a big job. You should plan time and have appropriate equipment to apply the waste in a timely manner.

The following acreage will be needed for waste application based on the crop to be grown and surface application:

Table 1: ACRES OWNED BY PRODUCER

Tract #	Field No.	Soil Type	Crop	Lbs. N Per Ac. *	Acres	Lbs. N Utilized	Month of Application
			*See attached table				
			for Year "X" of "Y"				
			Total				

* *This N is from animal waste only. If nutrients from other sources such as commercial fertilizer are applied, they must be accounted for. N must be based on realistic yield expectation.*

NOTE: The applicator is cautioned that P and K may be over applied while meeting the N requirements. Beginning in 1996 the Coastal Zone Management Act will require farmers in some eastern counties of North Carolina to have a nutrient management plan that addresses all nutrients. This plan only addresses Nitrogen.

WASTE UTILIZATION PLAN

Table 2: ACRES WITH AGREEMENT OR LONG TERM LEASE

(Agreement with adjacent landowner must be attached)
(Required only if operator does not own adequate land [see Required Specification 2])

Tract #	Field No.	Soil Type	Crop	Lbs. N Per Ac. *	Acres	Lbs. N Utilized	Month of Application
				Total			

* *See footnote for Table 1.*

Totals from above Tables

	Acres	Year "X" Lbs. N Utilized	Year "Y"
Table 1	73.2	12,539	13,209
Table 2			
Total	73.2	12,539	13,209
Amount of N Produced		11,261	11,261
Surplus or Deficit		1,278	1,948

NOTE: The Waste Utilization Plan must contain provisions for periodic land application of sludge at agronomic rates. The sludge will be nutrient rich and will require precautionary measures to prevent over application of nutrients or other elements.

WASTE UTILIZATION PLAN

See attached map showing the fields to be used for the utilization of waste water.

Application of Waste by Irrigation

Field No.	Soil Type	Crop	Application Rate (In/Hr)	Application Amount (In.)
1, 2, 5 a 6	Ln	Row Crops	.4	.4 - .5
unc 8, 9, a 10	Pe	Row Crops	.35 - .4	.4 - .45
3	Cr	" "	.4	.4 - .45
4	Me	" "	.4	.4 - .45

THIS TABLE IS NOT NEEDED IF WASTE IS NOT BEING APPLIED BY IRRIGATION, HOWEVER A SIMILAR TABLE WILL BE NEEDED FOR DRY LITTER OR SLURRY.

Your facility is designed for 180 days of temporary storage and the temporary storage must be removed on the average of once every 6 MONTHS. In no instance should the volume of waste being stored in your structure exceed Elevation *See lagoon staff gauge

Call the local Natural Resources Conservation Service (*formerly Soil Conservation Service*) or Soil and Water Conservation District office after you receive the waste analysis report for assistance in determining the amount per acre to apply and the proper application rate prior to applying the waste.

Narrative of operation: Shower will utilize a corn wheat, bean rotation on land as shown. A hardhose traveller is used for irrigation. Acreages shown represent wetted acres in fields.

WASTE UTILIZATION PLAN

WASTE UTILIZATION PLAN AGREEMENT

Name of Farm: Woody Sutton #2

Owner/Manager Agreement

I (we) understand and will follow and implement the specification and the operation and maintenance procedures established in the approved animal waste utilization plan for the farm named above. I (we) know that any expansion to the existing design capacity of the waste treatment and storage system or construction of new facilities will require a new certification to be submitted to the Division of Environment Management (DEM) before the new animals are stocked. I (we) also understand that there must be no discharge of animal waste from this system to surface wasters of the state from a storm event less severe than the 25-year, 24-hour storm. The approved plan will be filed on-site at the farm office and at the office of the local Soil and Water Conservation District and will be available for review by DEM upon request.

Name of Facility Owner: Woody Sutton
(Please print)

Signature: X Woody Sutton Date: 3-30-98

Name of Manager(If different from owner): _____

Signature: _____ Date: _____

Name of Technical Specialist: *(Please print)* Kraig Westerbeek

Affiliation: Murphy Family Farms

Address (Agency): PO Box 759
Rose Hill, NC 28458

Signature: [signature] Date: _____

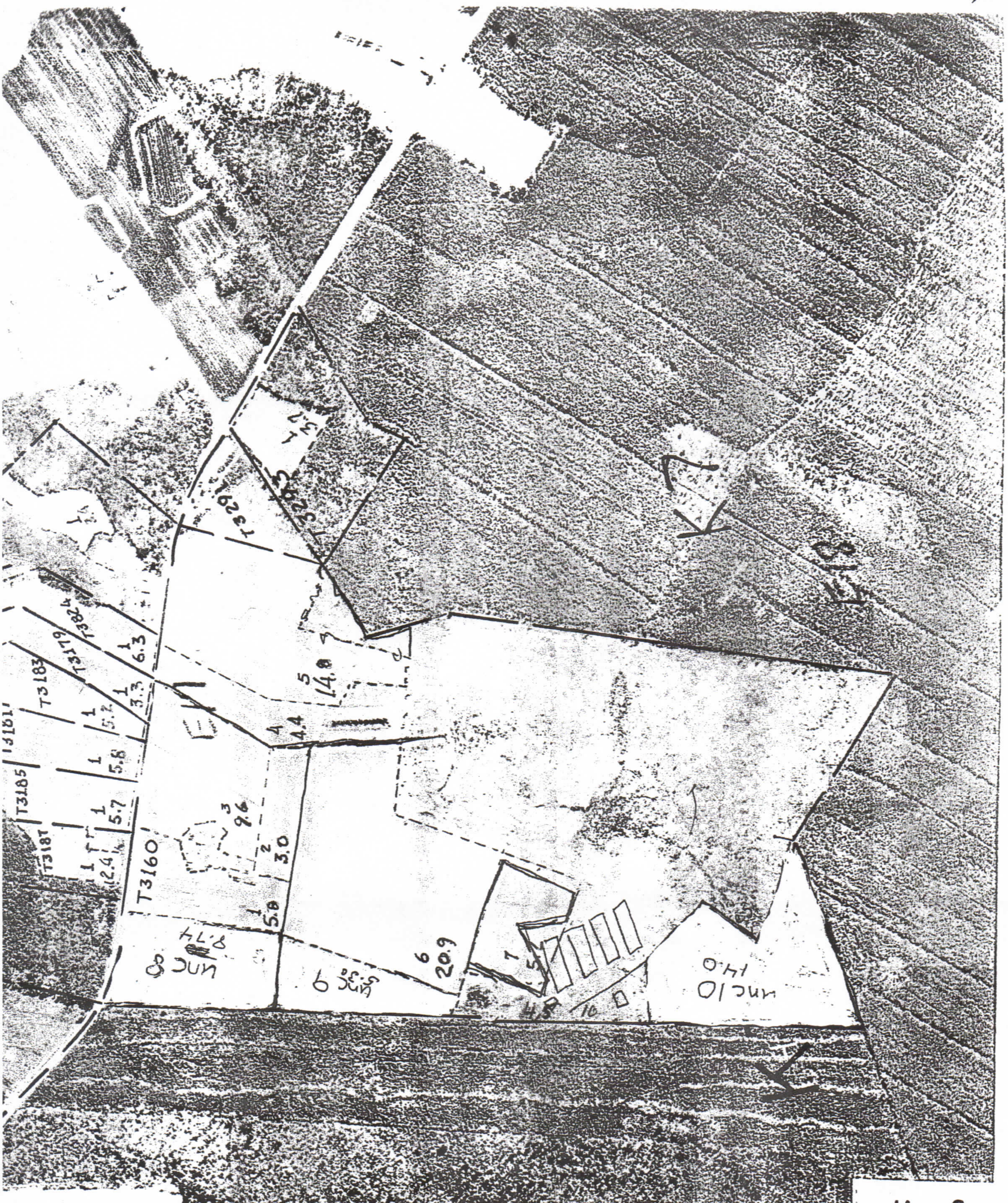
WASTE UTILIZATION PLAN

Table 1: ACRES OWNED BY PRODUCER

Tract #	Field No.	Soil Type	Crop	Lbs. N Per Ac. *	Acres	Lbs. N Utilized	Month of Application
T3160	1	Ln	Corn	118	4.9	578	30days preplant-tassle
T3166	6	Ln	Corn	118	18.5	2183	"
T3160	unc8	Pe	Corn	138	7.0	966	"
T3160	unc9	Pe	Corn	138	4.5	621	"
T3166	2	Ln	Soybeans	135	2.4	324	30days preplant-blooming
T3160	3	Cr	Soybeans	120	6.8	816	"
T3160	4	Me	Soybeans	120	3.7	444	"
T3160	5	Ln	Soybeans	135	13.9	1877	"
T3160	1	Ln	Wheat	96	4.9	470	30days preplant-boot
T3160	6	Ln	Wheat	96	18.5	1776	"
T3160	unc8	Pe	Wheat	96	7.0	672	"
T3160	unc9	Pe	Wheat	96	4.5	432	"
T3160	unc10	Pe	Soybeans	120	11.5	1380	30days preplant-blooming
		TOTAL			73.2	12,539	
T3160	1	Ln	Soybeans	135	4.9	662	30days preplant-bloom
T3160	6	Ln	Soybeans	135	18.5	2498	"
T3160	unc8	Pe	Soybeans	120	7.0	840	"
T3160	unc9	Pe	Soybeans	120	4.5	540	"
T3160	2	Ln	Corn	118	2.4	283	30days preplant-tassle
T3160	2	Ln	Wheat	96	2.4	230	30days preplant-boot
T3160	3	Cr	Corn	131	6.8	891	" " -tassle
T3160	3	Cr	Wheat	108	6.8	734	" " -boot
T3160	4	Me	Corn	138	3.7	511	" " -tassle
T3160	4	Me	Wheat	96	3.7	355	" " -boot
T3166	5	Ln	Corn	118	13.9	1640	" " -tassle
T3160	5	Ln	Wheat	96	13.9	1334	" " -boot
T3160	unc10	Pe	Corn	138	11.5	1587	" " -tassle
T3160	unc10	Pe	Wheat	96	11.5	1104	" " -boot
					73.2	13,209	
				Total			

Year "X"

Year "Y"



Exposure

5

# of Farms

2


(Joins sheet 12)
West Crossroads
Pr
Po
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Co
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Ly
Me
Cr
BB
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Uo
Lu
Ra
Na
Jo
Tracey Swamp
GRAVEN COUNTY
Mosley
COUNTY
(...et, sheet 33)