



NORTH CAROLINA
Environmental Quality

ROY COOPER
Governor

DIONNE DELLI-GATTI
Secretary

S. DANIEL SMITH
Director

March 31, 2021

Murphy-Brown, LLC
Kilpatrick Farm 1, 2, 4, & 5 & Merritt Farm
PO Box 856
Warsaw, NC 28398-0856

Subject: Certificate of Coverage No. AWS820005
Kilpatrick Farm 1, 2, 4, & 5 & Merritt Farm
Swine Waste Collection, Treatment,
Storage and Application System
Sampson County

Dear Murphy-Brown, LLC:

In accordance with your request to cover the existing primary lagoon and install two mixing/lift stations to collect biogas for a Waste-to-Energy System to service the 13,336 Wean to Finish swine at the Kilpatrick Farm site, we are hereby forwarding to you this Certificate of Coverage (COC) issued to Murphy-Brown, LLC, authorizing the construction and operation of the subject animal waste management system in accordance with General Permit AWG100000. The 5,083 Wean to Finish swine at the Merritt Farm site will continue to be served by the existing lagoon at that site. Please read this COC and the enclosed State General Permit carefully.

This approval shall consist of the operation of this system including, but not limited to, the management and land application of animal waste as specified in the facility's Certified Animal Waste Management Plan (CAWMP) for Kilpatrick Farm 1, 2, 4, & 5 & Merritt Farm, located in Sampson County, with a swine animal capacity of no greater than the following annual averages:

Wean to Finish: 18,419	Feeder to Finish:	Boar/Stud:
Wean to Feeder:	Farrow to Wean:	Gilts:
Farrow to Finish:	Farrow to Feeder:	Other:

If this is a Farrow to Wean or Farrow to Feeder operation, there may be one boar for each 15 sows. Where boars are unnecessary, they may be replaced by an equivalent number of sows. Any of the sows may be replaced by gilts at a rate of 4 gilts for every 3 sows.

This COC shall be effective from the date of issuance until September 30, 2024 and shall hereby void the Certificate of Coverage Number AWS820005 previously issued to this facility. Pursuant to this COC, you are authorized and required to operate the system in conformity with the conditions and limitations as specified in the General Permit, the facility's CAWMP, and this COC. An adequate system for collecting and maintaining the required monitoring data and operational information must be established for this facility. Any increase in waste production greater than the certified design capacity or increase in number of animals authorized by this COC (as provided above) will require a modification to the CAWMP and this COC and must be completed prior to actual increase in either wastewater flow or number of animals.



Within 180 day of issuance of this COC, please review the facility's CAWMP with respect to land application areas in landscape positions that are in close proximity to public roads, dwellings and wells, including but not limited to Pulls 32, and 33. and provide a report to the Division to describe what, if any, additional best management practices are to be implemented in these areas to improve protections and further reduce risk of off-site impacts.

Please pay careful attention to the record keeping and monitoring conditions in this permit. Please use the most current record keeping forms.

If your Waste Utilization Plan (WUP) has been developed based on site-specific information, careful evaluation of future samples is necessary. Should your records show that the current WUP is inaccurate you will need to have a new WUP developed.

The issuance of this COC does not excuse the Permittee from the obligation to comply with all applicable laws, rules, standards, and ordinances (local, state, and federal), nor does issuance of a COC to operate under this permit convey any property rights in either real or personal property.

Per 15A NCAC 02T .1304 and NRCS standards a 100-foot separation shall be maintained between water supply wells and any lagoon, storage pond, or any land application of waste.

Please be advised that any violation of the terms and conditions specified in this COC, the General Permit or the CAWMP may result in the revocation of this COC, and/or penalties in accordance with NCGS 143-215.6A through 143-215.6C including civil penalties, criminal penalties, and injunctive relief.

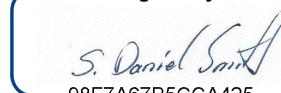
If any parts, requirements, or limitations contained in this COC are unacceptable, you have the right to apply for an individual permit by contacting the Animal Feeding Operations Program for information on this process. Unless such a request is made within 30 days, this COC shall be final and binding.

In accordance with Condition II.23 of the General Permit, waste application shall cease within twelve (12) hours of the time that the National Weather Service issues a Hurricane Warning, Tropical Storm Warning, or a Flood Watch/Flash Flood Watch associated with a tropical system for the county in which the facility is located. You may find detailed watch/warning information for your county by calling the Raleigh, NC National Weather Service office at (919) 326-1042, or by visiting their website at: www.weather.gov/rah/

This facility is located in a county covered by our Fayetteville Regional Office. The Regional Office staff may be reached at (910) 433-3300. If you need additional information concerning this COC or the General Permit, please contact the Animal Feeding Operations Program staff at (919) 707-9129.

Sincerely,

DocuSigned by:



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S. Daniel Smith

Director, Division of Water Resources

Enclosures (General Permit AWG100000)

cc: (Certificate of Coverage only for all ccs)
Sampson County Health Department
Sampson County Soil and Water Conservation District
Smithfield Hog Production
William G. "Gus" Simmons, Jr., P.E., Cavanaugh Solutions
Laserfiche – Permit File No. 820005

