

AUG 08 2016



MISSOURI DEPARTMENT OF NATURAL RESOURCES
 WATER PROTECTION PROGRAM
FORM W - CONCENTRATED ANIMAL FEEDING OPERATION
(CAFO) OPERATING PERMIT APPLICATION

FOR OFFICE USE ONLY	
CHECK NUMBER:	
DATE RECEIVED 8/8/16	FEE SUBMITTED [Signature]

Complete all applicable sections for type of permit being applied for. Instructions for completing the form are located at the end of the form. Sign, date and return the form and all requested documents along with a check for \$150 payable to the Missouri Department of Natural Resources. Make a copy of this completed form and keep it with your Nutrient Management Plan.

PART 1 - PERMIT OWNERSHIP/CONTACT INFORMATION

1.1 OPERATION NAME Stone Ridge Pork, LLC		CURRENT PERMIT NUMBER	COUNTY Andrew
PHYSICAL ADDRESS 13162 CR187		TELEPHONE NUMBER WITH AREA CODE (816)261-4692	
CITY Savannah	STATE MO	ZIP CODE 64485	
1.2 OWNER (PROVIDE LEGAL NAME) Stone Ridge Pork, LLC		E-MAIL ADDRESS joeknorr@msn.com	
MAILING ADDRESS 13162 CR187		TELEPHONE NUMBER WITH AREA CODE (816)261-4692	
CITY Savannah	STATE MO	ZIP CODE 64485	
1.3 CONTINUING AUTHORITY (IF DIFFERENT THAN THE OWNER) Same			
MAILING ADDRESS		TELEPHONE NUMBER WITH AREA CODE	
CITY	STATE	ZIP CODE	

PART 2 - PERMIT TYPE, ACTION, AND NUTRIENT MANAGEMENT PLAN (NMP)

<p>2.1 PERMIT TYPE</p> <p><input type="checkbox"/> NPDES Permit NMP is required to be submitted with application. (Must also complete Land Application Information page)</p> <p><input checked="" type="checkbox"/> State No-Discharge Permit NMP is not required to be submitted. The date soil tests were taken that was used in development of the NMP. (Month/Year)</p>	<p>2.2 Permit Action</p> <p><input checked="" type="checkbox"/> New Permit <input type="checkbox"/> Renewal</p> <p><input type="checkbox"/> Modification (including Ownership Transfer)</p> <p>Previous Owner _____ Name _____ Address _____ City, State, Zip Code _____ Previous Owner's Signature _____ Date _____</p>
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PART 3 - DESIGN CAPACITY FOR MANURE STORAGE AND ANIMALS OF EACH CAFO FEATURE (All information to complete this section is in your current operating or construction permit. Attach additional sheets if necessary)

3.1 STORAGE STRUCTURE TYPES, AMOUNT OF STORAGE, AND AMOUNT OF MANURE GENERATED PER YEAR.

CAFO Feature	List All Manure Storage Structures at each CAFO Feature Storage Structure Type(s)	Dry Manure Handling System		Wet Manure Handling System			
		Design Dry Process Waste (tons/yr.)	Days of Storage	Total Storage Capacity (gal)	Design Wastewater per Year (gal./yr.)	Days of Storage	Design Flow MGD
001	C			5,093,274	1,688,607	>365	.005
002	G	44	>365				
003							
004							
005							

3.2 LIST EACH TYPE OF ANIMAL IN CONFINEMENT AND THE NUMBER OF EACH ANIMAL TYPE.

CAFO Feature	Animal Category #1	Animal Numbers	Animal Category #2	Animal Numbers	Animal Category #3	Animal Numbers
001	5	3464				
002	5					
003						
004						
005						

PART 4 - OPERATIONAL INFORMATION

4.1 OPERATIONAL INFORMATION (SEE INSTRUCTIONS):
 SIC Code(s) 213 CAFO Class Size IC

4.2 Is this an "Export Only" operation? Yes No

4.3 Are spreading agreements current? Yes No Not Applicable

PARTS 5 through 11 meet the NMP requirements for an export only operation.

PART 5 – MANURE STORAGE

State regulations require CAFOs ensure adequate storage of manure, litter, or process waste water, including the proper operation and maintenance of each storage facility.

5.1 Does each storage structure have adequate storage, and being properly operated and maintained so as not to discharge? Yes No

PART 6 – ANIMAL MORTALITY

State regulations require proper management of animal mortalities be in place at all CAFOs. There should be no discharge from dead animal collection, holding, or disposal areas at the CAFO's production area(s). In addition, the Missouri Department of Agriculture requires the collection or disposal of dead animals in accordance with the Dead Animal Disposal Law under Chapter 269 RSMo.

6.1 PERMANENT METHOD OF ANIMAL MORTALITY HANDLING OR DISPOSAL; CHOOSE APPLICABLE METHOD(S)

Composting Rendering Send to a Landfill Incineration Other (Describe)

6.2 DESCRIBE METHOD OF MORTALITY HANDLING AND STORAGE THROUGH ALL PHASES TO FINAL DISPOSAL. (e.g., MORTALITIES ARE COMPOSTED WITHIN 24 HOURS OF DEATH AND FINISHED COMPOST PRODUCT IS STORED UNDER ROOF UNTIL LAND APPLIED). ALSO DESCRIBE THE TYPE OF COMPOST STRUCTURE USED, IF APPLICABLE.

Mortalities are composted and stored in concrete bins, finished compost is land applied.

PART 7 – DIVERSION OF CLEAN WATER

State regulations require CAFOs to divert clean storm water, as appropriate, around the production area.

7.1 Is clean storm water diverted from the production area? Yes No

7.2 If yes, describe controls and measures used to divert storm water.

Buildings prevent storm water from entering animal production area. Site is graded to divert storm water away from buildings.

7.3 IF NO, INCLUDE DESIGN CALCULATIONS (IF NOT INCLUDED IN THE ORIGINAL DESIGN) FOR DETERMINING THE TOTAL STORAGE CAPACITY NEEDED TO CONTAIN ALL CLEAN STORM WATER RUNOFF THAT HAS NOT BEEN DIVERTED FROM THE PRODUCTION AREA. NOTE: THE DEPARTMENT HIGHLY DISCOURAGES THIS PRACTICE.

PART 8 – PREVENT DIRECT CONTACT OF ANIMALS WITH SURFACE WATERS

State regulations require that CAFOs prevent the direct contact of confined animals with waters of the state.

8.1 Do the animals have access to waters of the state within the production area? Yes No

8.2 LIST MEASURES USED TO PREVENT ANIMALS FROM HAVING DIRECT CONTACT WITH WATERS OF THE STATE WITHIN THE PRODUCTION AREA.

Animals are confined in buildings.

PART 9 – CHEMICAL HANDLING

State regulations require chemicals and other contaminants handled on-site not be disposed of in any manure, litter, process wastewater, storm water storage or treatment system unless specifically designed to treat such chemicals and other contaminants

9.1 CHECK THE APPROPRIATE BOXES BELOW TO INDICATE THE MEASURES TAKEN TO PREVENT CHEMICALS (INCLUDING PESTICIDES, COMMERCIAL FERTILIZERS, HAZARDOUS AND TOXIC CHEMICALS AND PETROLEUM BY-PRODUCTS) FROM CONTAMINATING MANURE STORAGE STRUCTURES, PROCESS WASTEWATER OR STORM WATER STORAGE AND TREATMENT SYSTEMS:

Chemicals are stored in proper containers. (Describe)

Chemicals that are no longer used or expired are properly disposed of. (Describe)

Chemical storage and handling areas are protected from precipitation and runoff, and any spillage is contained within these areas. (Describe)

Emergency procedures and equipment are in place to contain and clean up chemical spills. (Describe)

Equipment wash areas are designed and constructed to prevent contamination of surface waters and wastewater and storm water storage and treatment systems. (Describe)

Chemicals are handled and used according to the label. (Describe)

No chemicals are stored or handled in the production area.

PART 10 – MANURE ANALYSIS TESTING

10.1 LIST EACH TYPE OF MANURE SOURCE. (i. e. MANURE, LITTER, COMPOST, WASTE WATER.)

Manure pit wastewater; mortality compost.

10.2 DESCRIBE THE PROCEDURES TO ENSURE EACH UNIQUE SOURCE IS TESTED ANNUALLY.

Manure is collected in bottles from several locations at each storage location. The samples are combined in a bulk sample and tested at a laboratory.

PART 11 – RECORD KEEPING

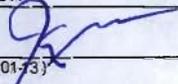
State regulations require specific records to be maintained and kept for five (5) years.

11.1 Are records of all inspections, manure transfers, discharges and land application maintained? Yes No

PART 12 – SIGNATURE

NAME
Joseph Knorr

SIGNATURE



TITLE
Memeber

DATE
8/1/16

ALLIED ENGINEERING SERVICES, LLC

Engineering—Surveying—Construction

RECEIVED

AUG 08 2016

Water Protection Program

August 3, 2016

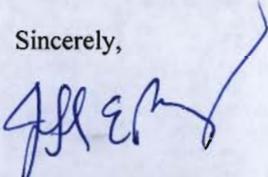
Greg Caldwell
Water Pollution Control Program
P.O. Box 176
Jefferson City, MO 65102-0176

Dear Greg,

Enclosed please find the general operating permit application for Stone Ridge Pork, LLC in Andrew County.

If you have any questions or need any additional information, please feel free to contact me.

Sincerely,



Jeff E. Browning, P.E.

Enclosures
C: Joe Knorr
Jennifer Tucker