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SEP 15 2016

Water Protection Program

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: 9-15-16 | FEE SUBMITTED: 10 |

Complete all applicable sections. 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 the appropriate permit fee 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 AND CONTACT INFORMATION

| | | |
|---|---|---|
| 1.1 OPERATION NAME<br>Johnson County Egg Farm, LLC | CURRENT PERMIT NUMBER<br>MO- 0118877 | COUNTY<br>Johnson |
| PHYSICAL ADDRESS<br>1275 SE Y Hwy | LEGAL DESCRIPTION<br>Sec.: 1/4 Twn.: 1/4 Rng.: 24W | TELEPHONE NUMBER WITH AREA CODE<br>(660) 563-2775 |
| CITY<br>Knob Noster | STATE<br>MO | ZIP CODE<br>65336 |
| 1.2 OWNER (PROVIDE LEGAL NAME)<br>Johnson County Egg Farm, LLC | EMAIL ADDRESS<br>nmoore@roseacre.com | |
| MAILING ADDRESS<br>1275 SE Y Hwy | | TELEPHONE NUMBER WITH AREA CODE<br>(660) 563-2775 |
| CITY<br>Knob Noster | STATE<br>MO | ZIP CODE<br>65336 |
| 1.3 CONTINUING AUTHORITY (IF DIFFERENT THAN THE OWNER) | | |
| MAILING ADDRESS | | TELEPHONE NUMBER WITH AREA CODE |
| CITY | STATE | ZIP CODE |

## PART 2 – PERMIT TYPE AND PERMIT ACTION

2.1 PERMIT TYPE

☑ NPDES Site Specific Permit
Request review of draft permit prior to public notice. ☑ Yes ☐ No

☐ NPDES General Permit (MOG01)

☐ State No-Discharge General Permit (MOGS1)

2.2 PERMIT ACTION*

☑ New Permit ☑ Renewal
☑ Modification ☑ Ownership Transfer

PREVIOUS OWNERS NAME

ADRESS

CITY STATE ZIP CODE

SIGNATURE DATE

*See instructions for additional requirements and documents for the request permit action.

## PART 3 – DESIGN CAPACITY FOR MANURE STORAGE AND ANIMALS OF EACH CAFO FEATURE

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

| List All Manure Storage Structures at each CAFO Feature | | Dry Manure Handling System | | Wet Manure Handling System | | | |
|---|---|---|---|---|---|---|---|
| CAFO Feature | Storage Structure Type(s) | 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 | three-cell earthern storage basin | | | 22,734,000 | 9,599,500 | 365 | |
| 002 | building 13 and 14 - under floor storage | 6,372 | 545 | | | | |
| 003 | three pullet buildings - one dry storage building | 3,929 | 180 | | | | |
| 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 | Layers | 1,940,000 | | | | |
| 002 | Pullets | 709,920 | | | | |
| 003 | | | | | | |
| 004 | | | | | | |
| 005 | | | | | | |

## PART 4 – OPERATIONAL INFORMATION

4.1 OPERATIONAL INFORMATION (SEE INSTRUCTIONS)
SIC Code(s) #0252 CAFO Class Size 1A

4.2 Is this an export-only operation? ☐ Yes ☑ No

**Completing PARTS 5 - 11 will meet the requirements of a Nutrient Management Plan (NMP) for an export only operation.**

## PART 5 – MANURE STORAGE

5.1 Do all manure storage structures have adequate storage, and operated and maintained as no discharge? ☑ Yes ☐ No

## PART 6 – ANIMAL MORTALITY

6.1 PEMANENT METHOD OF DISPOSING OF ROUTINE ANIMAL MORTALITIES.

☑ Composting ☐ Rendering ☐ Send to a Landfill ☐ Incineration ☐ Other (Describe)

6.2 DESCRIBE METHOD OF MORTALITY HANDLING AND STORAGE THROUGH ALL PHASES TO FINAL DISPOSAL. (EXAMPLE: 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.

Daily mortalies are composted within 24 hrs in an under roof, concrete floor building. Finished product is land applied or sold.

## PART 7 – DIVERSION OF CLEAN WATER

7.1 Is clean stormwater diverted from the production area? ☑ Yes ☐ No

7.2 IF YES, DESCRIBE CONTROLS AND MEASURES USED TO DIVERT STORMWATER.

Stormwater drains between the production houses; take water to freshwater basin. Some production houses guttered

7.3 IF NO, DESCRIBE HOW CONTAMINATED STORMWATER IS CONTAINED AND INCLUDE THE STORAGE CAPACITY OF THE CONTAINMENT IF NOT PREVIOUSLY PROVIDED.

## PART 8 – PREVENT DIRECT CONTACT OF ANIMALS WITH SURFACE WATERS

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 CONFINED ANIMAL FORM HAVING DIRECT CONTACT WITH WATERS OF THE STATE.

N/A

## PART 9 – CHEMICAL HANDLING

9.1 Check the appropriate boxed below to indicate method for handling and disposal of chemicals used by the operation:

☑ Chemicals are stored, handled, and disposed of according to manufacturer labels.

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

☑ Emergency procedures and equipment are in place to contain and clean up chemical spills.

☑ Equipment wash areas are designed and constructed to prevent contamination of surface waters.

☑ 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.)

wastewater and litter

10.2 DESCRIBE PROCEDURES FOR ENSURING EACH MANURE SOURCE IS TESTED ANNUALLY.

wastewater and litter is sampled at least once per year

## PART 11 – RECORD KEEPING

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

## PART 12 – SIGNATURE

| | |
|---|---|
| NAME Tony A Wisner | TITLE C.O.O. |
| SIGNATURE Tony A Wisner | DATE 8-22-16 |

## Part 13 - Engineer Certification

House Bill 28, which became effective Aug 28, 2013, contained provisions that changed construction permitting requirements. Construction permits are required for the construction of an earthen storage structure to hold, convey, contain, store, or treat domestic, agricultural, or industrial process wastewater. Construction of all other point source systems designed to hold, convey, contain, store, or treat domestic, agricultural, or industrial process waste must be designed by a professional engineer registered in Missouri in accordance with design regulations.

| | |
|---|---|
| Operation Name<br>Address<br>City | Engineer Firm<br>Address<br>City State Zip Code |
| I, Project Engineer, certify that above described systems have been designed in accordance with Missouri CAFO design regulations in 10 CSR 20-8.300<br><br>PROJECT ENGINEER SIGNATURE | ENGINEER SEAL |