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

FOR OFFICE USE ONLY	
CHECK NUMBER:	1377
DATE RECEIVED:	8/24/16
FEE SUBMITTED:	150.00 JS

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 Jason Daniel	CURRENT PERMIT NUMBER MO-	COUNTY Shelby
PHYSICAL ADDRESS NE1/4, NW1/4, Sec. 2, T59N, R12W	LEGAL DESCRIPTION Sec.: 2 Twn.: 59N Rng.: 12W	TELEPHONE NUMBER WITH AREA CODE (660) 342-0085
CITY Leonard	STATE MO	ZIP CODE 63451
1.2 OWNER (PROVIDE LEGAL NAME) Jason Daniel	EMAIL ADDRESS Jacob Ellsworth (jle24950@aol.com)	
MAILING ADDRESS 1506 Shelby 120	TELEPHONE NUMBER WITH AREA CODE (660) 342-0085	
CITY Leonard	STATE MO	ZIP CODE 63451
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 AND PERMIT ACTION**

2.1 PERMIT TYPE <input type="checkbox"/> NPDES Site Specific Permit Request review of draft permit prior to public notice. <input type="checkbox"/> Yes <input type="checkbox"/> No  <input type="checkbox"/> NPDES General Permit (MOG01)  <input checked="" type="checkbox"/> State No-Discharge General Permit (MOGS1)	2.2 PERMIT ACTION* <input checked="" type="checkbox"/> New Permit <input type="checkbox"/> Renewal <input type="checkbox"/> Modification <input type="checkbox"/> Ownership Transfer  _____ PREVIOUS OWNERS NAME _____ ADDRESS _____ CITY STATE ZIP CODE _____ SIGNATURE DATE <small>*See instructions for additional requirements and documents for the request permit action.</small>
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**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.							
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			2,046,284	1,495,162	500	.004
002	G	30	>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	4960				
002						
003						
004						
005						

**PART 4 - OPERATIONAL INFORMATION**

4.1 OPERATIONAL INFORMATION (SEE INSTRUCTIONS) SIC Code(s) 0213 CAFO Class Size IC
4.2 Is this an export-only operation? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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 PERMANENT 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.

Mortalities are composted on-site in a static pile composter and finished compost is land applied.

**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.

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

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.

Animals are confined in buildings.

**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.)

Manure pit wastewater; mortality compost.

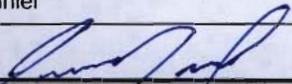
10.2 DESCRIBE PROCEDURES FOR ENSURING EACH MANURE SOURCE IS TESTED ANNUALLY.

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

**PART 11 - RECORD KEEPING**

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

**PART 12 - SIGNATURE**

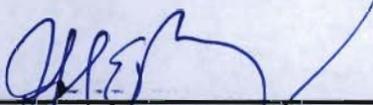
NAME Jason Daniel	TITLE Owner/Operator
SIGNATURE 	DATE 8-19-16

**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 Jason Daniel	Engineer Firm <i>Allied Engineering Services</i>
Address <i>1506 Shelby 120</i>	Address <i>P.O. Box 29</i>
City <i>Leonard, MO 63451</i>	City State Zip Code <i>Leonard, MO 63354</i>

I, Project Engineer, certify that above described systems have been designed in accordance with Missouri CAFO design regulations in 10 CSR 20-8.300

  
PROJECT ENGINEER SIGNATURE

ENGINEER SEAL



STATE OF MISSOURI  
JEFF ERIC BROWNING  
NUMBER E-28664  
REGISTERED PROFESSIONAL ENGINEER