


Sandy Road Farm 3&4 Kansas, AC +/-



 SRF - 3 & 4

Kurt Hollenberg
P: 800-895-4430

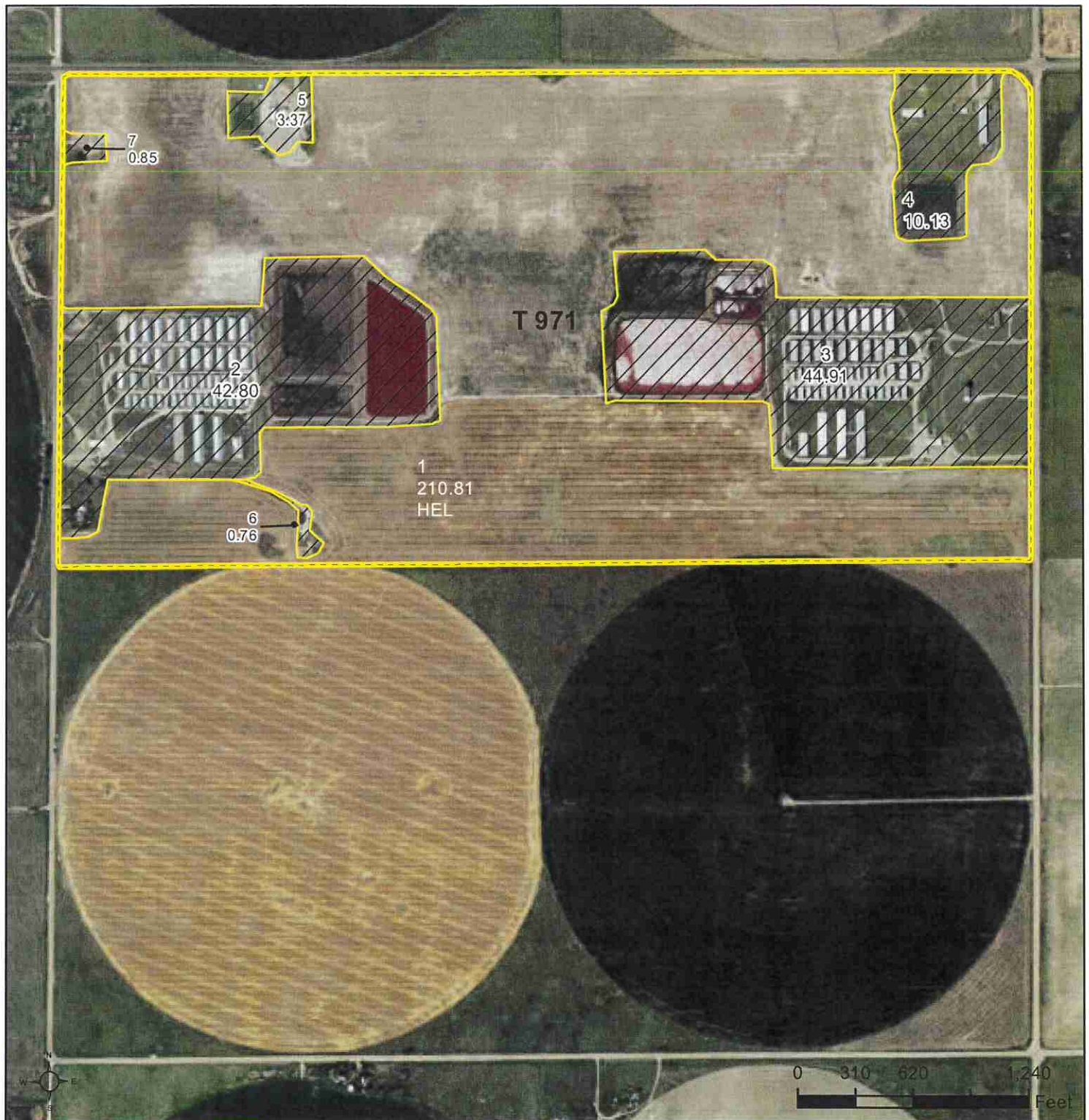
www.MissouriLandAndHome.com

3516 I-70 Dr SE, Columbia, MO, 65201



United States
Department of
Agriculture

Seward County, Kansas



Common Land Unit

- Non-Cropland
- Cropland

Wetland Determination Identifiers

- Restricted Use
- Limited Restrictions
- Exempt from Conservation
- Compliance Provisions

Unless noted on field:

- | | |
|---------------------------|--------------------------|
| 1/ All Wheat HRW, NI, GR | 6/ Sorghum, GRS, NI, GR |
| 2/ All Wheat HRW, IRR, GR | 7/ Sorghum, GRS, IRR, GR |
| 3/ All Corn YEL, IRR, GR | 8/ Sorghum, CAN, IR, FG |
| 4/ All Corn YEL, NI, GR | 9/ Grass, NAG, NI, GZ |
| 5/ Soybeans, COM, IRR, GR | 10/ Alfalfa, IR, FG |

Tract Cropland Total: 210.81 acres

2022 Program Year

Map Created November 01, 2021

Farm 1639

Tract 971

21-33-31

Displayed over 2019 NAIP

United States Department of Agriculture (USDA) Farm Service Agency (FSA) maps are for FSA Program administration only. This map does not represent a legal survey or reflect actual ownership; rather it depicts the information provided directly from the producer and/or National Agricultural Imagery Program (NAIP) imagery. The producer accepts the data 'as is' and assumes all risks associated with its use. USDA-FSA assumes no responsibility for actual or consequential damage incurred as a result of any user's reliance on this data outside FSA Programs. Wetland identifiers do not represent the size, shape, or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact boundaries and determinations or contact USDA Natural Resources Conservation Service (NRCS).



Feedlot/Confinement Facility License

Kansas Department of Agriculture, Division of Animal Health hereby Certifies that

Sandy Road Farms: Farm 3

Sandy Road Farms

Langhofer, Melissa



License #: FL00006D

Expires: 09/30/2022

is licensed to maintain and operate a Feedlot/Confinement Facility License at

Sandy Road Farms: Farm 3, 12608 RD V, KISMET KS 67859

according to K.S.A. 47-1501 through 47-1511 as amended and supplemented.

Operation Type: Farrowing, Finisher, Nursery

Species: Porcine

Animal Health Commissioner

Dated at Manhattan, KS: 09/16/2021

Print Date: 09/21/2021

Sandy Road Farms: Farm 3
Sandy Road Farms
Langhofer, Melissa
23179 No 5 Rd
Plains KS 67869



Feedlot/Confinement Facility License

Kansas Department of Agriculture, Division of Animal Health hereby Certifies that

Sandy Road Farms: Farm 4

Sandy Road Farms

Langhofer, Melissa



License #: FL00006A

Expires: 09/30/2022

is licensed to maintain and operate a Feedlot/Confinement Facility License at

Sandy Road Farms: Farm 4, 12603 RD U, KISMET KS 67859

according to K.S.A. 47-1501 through 47-1511 as amended and supplemented.

Operation Type: Nursery, Finisher

Species: Porcine

Animal Health Commissioner

Dated at Manhattan, KS: 09/16/2021

Print Date: 09/21/2021

Sandy Road Farms: Farm 4
Sandy Road Farms
Langhofer, Melissa
23179 No 5 Rd
Plains KS 67869

THE STATE



OF KANSAS

DUPLICATE COPY

KANSAS DEPARTMENT OF AGRICULTURE

Alice A. Devine, Secretary of Agriculture

DIVISION OF WATER RESOURCES

David L. Pope, Chief Engineer

CERTIFICATE OF APPROPRIATION FOR BENEFICIAL USE OF WATER

WATER RIGHT, File No. 30,778

PRIORITY DATE December 8, 1977

WHEREAS, It has been determined by the undersigned that construction of the appropriation diversion works has been completed, that water has been used for beneficial purposes and that the appropriation right has been perfected, all in conformity with the conditions of approval of the application pursuant to the water right referred to above and in conformity with the laws of the State of Kansas.

NOW, THEREFORE, Be It Known that DAVID L. POPE, the duly appointed, qualified and acting Chief Engineer of the Division of Water Resources of the Kansas Department of Agriculture, by authority of the laws of the State of Kansas, and particularly K.S.A. 82a-714, does hereby certify that, subject to vested rights and prior appropriation rights, the appropriator is entitled to make use of groundwater in the drainage basin of the Cimarron River to be withdrawn by means of a well located in the Northwest Quarter of the Northwest Quarter of the Northeast Quarter (NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 21, more particularly described as being near a point 5,200 feet North and 2,563 feet West of the Southeast corner of said section, in Township 33 South, Range 31 West, Seward County, Kansas, at a diversion rate not in excess of 330 gallons per minute (0.73 c.f.s.) and a quantity not to exceed 89.35 million gallons (274.2 acre-feet) of water per calendar year for stockwatering use on the following described property:

North Half (N $\frac{1}{2}$) of Section 21, Township 33 South, Range 31 West, Seward County, Kansas.

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KS Dept. of Agriculture

MAR 10 1999

Garden City Field Office
Division of Water Resources

The appropriator shall maintain in an operating condition, satisfactory to the Chief Engineer, all check valves installed for preventing chemical or other foreign substance likely to cause pollution of the water supply.

The appropriator shall maintain records from which the quantity of water actually diverted during each calendar year may be readily determined. Such records shall be furnished to the Chief Engineer by March 1 following the end of the previous calendar year.

The appropriation right shall be deemed abandoned and shall terminate when without due and sufficient cause no lawful beneficial use is made of water under this appropriation for three (3) successive years.

The right of the appropriator shall relate to a specific quantity of water and such right must allow for a reasonable raising or lowering of the static water level and for the reasonable increase or decrease of the stream flow at the appropriator's point of diversion.

All terms, conditions and limitations applicable to the Appropriation of Water not expressly changed or removed by the issuance of this Certificate of Appropriation remain in full force and effect. Failure to comply with those terms, conditions and limitations, and those added or amended by this Certificate, will result in the suspension of this appropriation right or revocation of this permit and dismissal of this appropriation right.

IN WITNESS WHEREOF, I have hereunto set my hand at my office at Topeka, Kansas, this

1st day of March, 1999



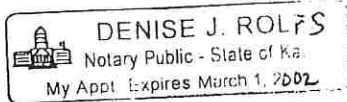
David L. Pope, P.E.
Chief Engineer
Division of Water Resources
Kansas Department of Agriculture

STATE OF KANSAS, Shawnee COUNTY, ss.

The foregoing instrument was acknowledged before me this

1st day of March, 1999

, 1999, by David L. Pope, P.E., Chief Engineer,



Signature:

Denise J Rolfs
Notary Public

(Record in the Office of Register of Deeds in the county or counties wherein the point of diversion is located)

CERTIFICATE OF APPROPRIATION FOR BENEFICIAL USE OF WATER

STATE OF KANSAS

Water Right, File No. 30,778

STATE OF KANSAS,

COUNTY, ss.

Filed for record this _____ day of _____

19____

at _____ o'clock _____ m. and _____

Filed in Book _____ Page _____

Fee \$ _____

Register of Deeds.

THE STATE



OF KANSAS

KANSAS DEPARTMENT OF AGRICULTURE
Jamie Clover Adams, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David L. Pope, Chief Engineer

CERTIFICATE OF APPROPRIATION FOR BENEFICIAL USE OF WATER

WATER RIGHT, File No. 41,770

PRIORITY DATE June 27, 1995

WHEREAS, It has been determined by the undersigned that construction of the appropriation diversion works has been completed, that water has been used for beneficial purposes and that the appropriation right has been perfected, all in conformity with the conditions of approval of the application pursuant to the water right referred to above and in conformity with the laws of the State of Kansas.

NOW, THEREFORE, Be It Known that DAVID L. POPE, the duly appointed, qualified and acting Chief Engineer of the Division of Water Resources of the Kansas Department of Agriculture, by authority of the laws of the State of Kansas, and particularly K.S.A. 82a-714, does hereby certify that, subject to vested rights and prior appropriation rights, the appropriator is entitled to make use of groundwater to be withdrawn by means of a well located in the Northeast Quarter of the Northwest Quarter of the Northwest Quarter (NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$) of Section 34, more particularly described as being near a point 5,180 feet North and 4,390 feet West of the Southeast corner of said section, in Township 33 South, Range 31 West, Seward County, Kansas, at a diversion rate not in excess of 54 gallons per minute (0.12 c.f.s.) and a quantity not to exceed 8.575 million gallons (26.3 acre-feet) of water per calendar year for stockwatering use in a hog production facility in the North half of the Northwest Quarter of the Northwest Quarter (N $\frac{1}{2}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$) of Section 34, Township 33 South, Range 31 West, Seward County, Kansas.

RECEIVED
KS Dept. of Agriculture

MAY 07 2002

Garden City Field Office
Division of Water Resources

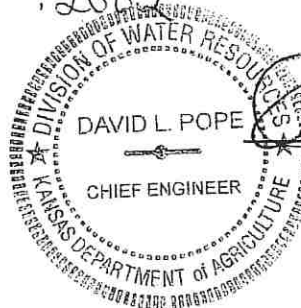
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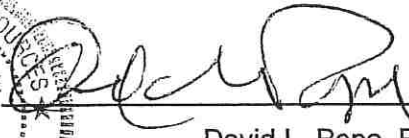
MICROFILMED

All terms, conditions and limitation applicable to the Appropriation of Water not expressly changed or removed by the issuance of the Certificate of Appropriation remain in full force and effect. Failure to comply with those terms, conditions and limitations, and those added or amended by this Certificate, will result in the suspension of this appropriation right or revocation and dismissal of this appropriation right.

This is a final agency action. If you choose to appeal this decision or any finding or part thereof, you must do so by filing a petition for review in the manner prescribed by the Kansas Act for Judicial Review and Civil Enforcement of Agency Actions (KJRA K.S.A. 77-601 et. seq.) within 30 days of service of this order. Your appeal must be made with the appropriate district court for the district of Kansas. If you have any questions or would like clarification concerning this order, you may contact the Chief Engineer.

IN WITNESS WHEREOF, I have hereunto set my hand at my office at Topeka, Kansas, this 26th day of April, 2002.

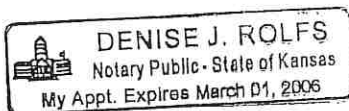


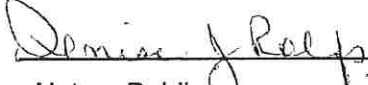


David L. Pope, P.E.
Chief Engineer
Division of Water Resources
Kansas Department of Agriculture

State of Kansas)
) SS
County of Shawnee)

The foregoing instrument was acknowledged before me this 26th day of April, 2002, by David L. Pope, P.E., Chief Engineer, Division of Water Resources, Kansas Department of Agriculture.





Notary Public Denise J. Rolfs

THE STATE OF KANSAS



KANSAS DEPARTMENT OF AGRICULTURE
Jackie McClaskey, Secretary of Agriculture

DIVISION OF WATER RESOURCES
David W. Barfield, Chief Engineer

**APPROVAL OF APPLICATION
FOR
CHANGE IN
POINT OF DIVERSION
WATER RIGHT
FILE NO. 41,770**

RECEIVED

OCT 01 2015

Garden City Field Office
DIVISION OF WATER RESOURCES

The Chief Engineer, Division of Water Resources, Kansas Department of Agriculture, after due consideration of the written application of Alfred Smith, on behalf of Kansas-Smith Farms, L.L.C., 23179 5 Road, Plains, Kansas, 67869, received in this office on June 8, 2015, for approval of a change in the location of the point of diversion under the certificate of appropriation issued pursuant to the application for permit to appropriate water for beneficial use, finds that the change is reasonable and will not impair existing rights, and that the application should be and is hereby approved.

The effective date of the change shall be the date this order is executed by the Chief Engineer, after which the authorized locations of the points of diversion shall be:

one (1) well located in the Northeast Quarter of the Northwest Quarter of the Northwest Quarter (NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$) of Section 34, more particularly described as being near a point 5,178 feet North and 4,394 feet West of the Southeast corner of said section, to be used as a primary well, and

one (1) well located in the Northeast Quarter of the Northwest Quarter of the Northwest Quarter (NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$) of Section 34, more particularly described as being near a point 5,196 feet North and 4,483 feet West of the Southeast corner of said section, to be used as a standby well,

both in Township 33 South, Range 31 West, Seward County, Kansas,

located substantially as shown on the diagram accompanying the application to change the point of diversion.

The well described herein as the standby well shall be used exclusively at such time the well herein described as the primary well is inoperable due to mechanical, maintenance or power failure. Use of the standby well under these limiting conditions does not allow the authorized quantity of water or rate of diversion under this file to be exceeded.

Installation of the works for diversion of water shall be completed on or before December 31, 2015, or within any authorized extension of time. The water right owner shall notify the Chief Engineer of the Division of Water Resources, Kansas Department of Agriculture, when construction of the works for diversion has been completed.

The water right owner shall submit to the Chief Engineer a copy of the well log required by the Kansas Department of Health and Environment under the authority of K.S.A. 82a-1212, currently form WWC-5, within 30 days following the drilling of the well at the location authorized herein.

SCANNED

All diversion works into which any type of chemical or other foreign substance will be injected into the water pumped from the diversion works shall be equipped with an in-line, automatic, quick-closing check valve capable of preventing pollution of the source of the water supply. The type of valve installed shall meet specifications adopted by the Chief Engineer and shall be maintained in an operating condition satisfactory to the Chief Engineer.

The water right owner shall properly install an acceptable water meter on the diversion works authorized under this water right, prior to the use of water, in strict accordance with the Kansas Administrative Regulations 5-1-4 through 5-1-12 adopted by the Chief Engineer. The water right owner shall notify the Chief Engineer when installation of the water meter has been completed. The water right owner shall maintain the water meter in an operating condition satisfactory to the Chief Engineer, at all times during diversion of water and shall maintain records from which the total quantity of water diverted may be determined. The water right owner shall also report the reading of said water meter and the total quantity of water diverted annually to the Chief Engineer. Such records shall be furnished to the Chief Engineer by March 1 following the end of each calendar year.

In all other respects, the Certificate of Appropriation issued pursuant to Approval of Application, File No. 41,770, for permit to appropriate water for beneficial use, is as stated and set forth in the Certificate of Appropriation dated April 26, 2002.

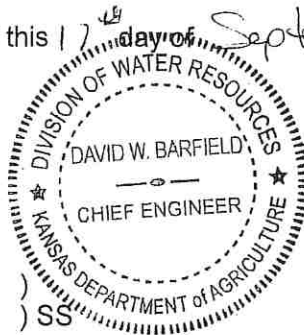
This Order shall become a final agency action, as defined by K.S.A. 77-607(b), without further notice to the parties, if a request for hearing or a petition for administrative review is not filed as set forth below.

Request for Hearing. According to K.A.R. 5-14-3(c), any party who desires a hearing must submit a request within 15 days after the date shown on the Certificate of Service attached to this Order. Filing a request for a hearing will give you the opportunity to submit additional facts for consideration, contest any findings made by the Chief Engineer or present any other information you believe should be considered in this matter. A timely-filed request for hearing will stay the deadline for requesting administrative review of this Order pending the outcome of the hearing.

Petition for Review. Any person aggrieved by this Order may petition for administrative review, pursuant to K.S.A. 82a-708b(a) and K.S.A. 82a-1901(a). The petition must be filed within 30 days after the date shown on the Certificate of Service attached to this Order and must set forth the basis for the review, unless stayed by the timely filing of a request for hearing.

Any request for hearing or petition for administrative review shall be in writing and shall be submitted to the attention of: Chief Legal Counsel, Kansas Department of Agriculture, 1320 Research Park Drive, Manhattan, Kansas 66502, Fax: (785) 564 - 6777.

Ordered this 17th day of September, 2015, in Topeka, Shawnee County, Kansas.



David W. Barfield
 David W. Barfield, P.E.
 Chief Engineer
 Division of Water Resources
 Kansas Department of Agriculture

State of Kansas)
) SS
 County of Riley)

The foregoing instrument was acknowledged before me this 17th day of September, 2015, by David W. Barfield, P.E. Chief Engineer, Division of Water Resources, Kansas Department of Agriculture.



Karen Hunter
 Notary Public

Kansas Department of Health & Environment



Division of Environment
Bureau of Water

Topeka, Kansas 66612-1367
Telephone: (785) 296-6432

Kansas Permit No.: **A-CISW-H002**
Federal Permit No.: **KS0118559**

KANSAS WATER POLLUTION CONTROL PERMIT FOR AGRICULTURAL AND RELATED WASTES AND AUTHORIZATION TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

Pursuant to the Provisions of Kansas Statutes Annotated 65-164 and 65-165 et seq. and the Federal Water Pollution Control Act as amended, (33 U.S.C. 1251 et seq. the "Act"),

Permittee: **Sandy Road Farms, LLC**
Permittee's Address: **23179 #5 Road
Plains, KS 67869**
Facility Name: **Sandy Road Farms 3-4-GGPI**
Facility Location: **North ½, Section 21, Township 33 S, Range 31 W
Seward County, Kansas**
River Basin: **Cimarron River Basin**

is authorized to operate, as a pollutant discharge elimination system, water pollution control facilities to collect, retain, and dispose of precipitation induced runoff and/or dry weather wastewater accumulations containing livestock or related agricultural wastes in accordance with requirements as set forth herein.

This permit is effective November 23, 2020, supersedes the previously issued water pollution control permit A-CISW-H002, and expires January 15, 2023.

Facility Summary

The existing permit covers three facilities that have a maximum capacity for 22,710 head (9,084 animal units) of swine weighing more than 55 pounds and 30,550 head (3,055 animal units) of swine weighing 55 pounds or less. Farm 3 consists of 53 barns, two settling basins, a primary lagoon and a drying bed. Farm 4 consists of 53 barns a primary, secondary and recycle lagoon. The GGPI farm consists of two barns and a lagoon. The trailer wash operation consists of a washing facility and a lagoon. 600 head (60 animal units) of goats will be housed within the farm fence perimeter for the purpose of grounds maintenance. The total animal unit capacity is 12,199.

A handwritten signature in black ink, reading "Lee A. Norman" followed by a small mark.

Secretary, Kansas Department of Health and Environment

November 23, 2020
Date

A. **FACILITY DESCRIPTION** (See Facility Map Page 7)

Farm 3

Farm 3 is a farrow to finish operation that consists of 53 barns designed with pull-plug concrete pits. Wastewater from the pits gravity flows from the barns to a lift station via 8 and 10 inch PVC piping. Wastewater is pumped from the lift station to a valve box that directs the wastewater to either the north or south settling basin. Each of the basins has top-of-berm measurements of 262 ft. x 110 ft. x 14 ft. deep with 3:1 inside slopes. The north settling basin overflows into the south via a 10-inch pipe through the berm approximately 18 inches below the top of the berm.

The south settling basin can be used independently from the north basin. The south settling basin overflows into the primary lagoon via a 10-inch pipe through the berm approximately 18 inches below the top of the berm. The primary lagoon has top-of-berm measurements of 824 ft. x 419 ft. x 20 ft. deep with 4:1 inside slopes. Recycled water is drawn from the primary lagoon and used as flush water for the barns.

A valve, approximately 6 ft. below the top of the berm in the common berm between the settling basins and drying bed, can be opened to allow wastewater to gravity flow into the drying bed. The condition of this valve and related pipes is unknown due to damage to the mechanism on the drying bed side. This mechanism and drying bed have not been used since 2001. The drying bed has top-of-berm measurements of 400 ft. x 234 ft. x 4 ft. deep with 3:1 inside slopes. The drying bed shall not be used to contain process wastes until the requirements in Section E. of this permit are met.

Farm 4

Farm 4 is a nursery to finish operation that consists of 54 barns designed with pull-plug concrete pits. Wastewater from the pits gravity flows from the barns to a lift station via 8 and 10 inch PVC piping. Wastewater is pumped from the lift station to the secondary lagoon that has top-of-berm measurements of 775 ft. x 418 ft. x 528 ft. x 344 ft. x 7.7 ft. deep with 3:1 inside slopes.

Farm 4 also has a primary and recycle lagoon in place to contain process wastes. The primary lagoon has approximate top-of-berm measurements of 631 ft. x 470 ft. x 16 ft. deep and 5.8:1 inside slopes, and the recycle lagoon has approximate top-of-berm measurements of 470 ft. x 184 ft. 7 ft. deep and 4:1 inside slopes. When the primary and recycle lagoons are operational, recycled water is drawn from the primary or secondary lagoons to the recycle lagoon and back to the barns to flush out all wastewater. The primary and recycle lagoons shall not be used to contain process wastes until the requirements in Section E. of this permit are met.

GGPI

GGPI is a finish operation that consists of 2 barns where wastewater is flushed to a single-cell lagoon with top-of-berm measurements of 342 ft. x 272 ft. x 11 ft. deep. Recycled water is used to flush the barn. The lagoon shall not be used to contain process wastes until the requirements in Section E. of this permit are met.

Trailer Wash

The trailer washing facility is connected to a single-cell lagoon with top-of-berm measurements of 185 ft. x 122 ft. x 8 ft. deep. Wastewater gravity flows to the lagoon via 10-inch PVC pipe. Approximately 10-12 trailers are washed per week.

B. OPERATION AND MAINTENANCE REQUIREMENTS

Liquid or Slurry Wastes

Table 1 – Operating Level Requirements

Controlled Drainage Area / Wastewater Retention Structure	Operating Level*	Dec. 1st Operating Level*
Farm 3 / Primary Lagoon	2.5 feet	3.0 feet
Farm 4 / Primary Lagoon	2.5 feet**	3.5 feet**
Farm 4 / Recycle Lagoon	2.5 feet**	3.5 feet**
Farm 4 / Secondary Lagoon	2.5 feet	3.5 feet
GGPI / Lagoon	2.5 feet**	3.0 feet**
Trailer Wash / Lagoon	2.5 feet	3.5 feet

* Operating level is shown in vertical feet below the lowest point of the top of berm.

** The primary and recycle lagoons at Farm 4 and the lagoon at GGPI shall not be used until the requirements in Section E. of this permit are met.

The top one (1) foot of the pits shall be kept empty. The water level in the retention structure(s) shall be maintained at least the number of feet below the top of the berm as shown in Table 1, above, (Operating Level) to ensure structural stability and provide storage capacity for a two-week period plus precipitation induced flow from a 25-year, 24-hour storm event. Furthermore, on December 1st of each year, the retention structure(s) shall be at or below the levels required in Table 1, above, (Dec. 1st Operating Level) to provide additional storage for accumulations through the winter.

Whenever the available storage capacity is less than the required amount(s) specified in Table 1, dewatering shall be initiated and conducted on all days suitable for land application of waste until the required storage capacity is again available. Unless approved in advance by the Department, liquid livestock wastes shall not be land applied during a precipitation event, or when the ground is frozen, snow covered, or saturated.

Runoff and wastewater containing livestock or related wastes not collected or retained by the water pollution control facilities shall be controlled in a manner capable of preventing water pollution.

Solid Wastes

Open lots used on a continuous basis shall be cleaned of manure accumulations after each occupancy cycle or at least twice per year. Open lots used seasonally shall be cleaned of manure after each use.

Sedimentation basin(s) shall be cleaned whenever solids accumulations exceed one half of the depth of the basin(s).

Retention structure(s) shall be cleaned whenever the solids accumulations infringe on the required operating level specified in Table 1. Removed solids shall be applied to agricultural land on days suitable for land application of waste.

Solids such as manure may be stockpiled temporarily (not to exceed six months). Stockpiles shall not create nuisance conditions and shall not be located in areas subject to uncontrolled runoff or leaching.

Visual Inspections

Weekly visual inspections shall be conducted of all storm water diversion devices, runoff diversion structures, and devices channeling runoff and wastewater containing livestock or related wastes to the water pollution control facilities.

Weekly visual inspections shall be conducted of the retention structure(s) noting the level as indicated by the water level measurement device installed in the structure.

Daily visual inspections shall be conducted of all water lines, including drinking water and cooling water lines.

Any deficiencies that are identified in the daily and weekly visual inspections must be corrected in a timely manner. If deficiencies are not corrected within 30 days, the permittee must submit to the Department an explanation of the factors preventing immediate correction.

C. NUTRIENT MANAGEMENT PLAN REQUIREMENTS

Site-Specific Requirements

Livestock waste management systems shall be designed, constructed, maintained and operated to prevent the pollution of waters of the State and to protect public health and the environment. The permittee shall ensure the adequate storage of manure, litter, and process wastewater, including procedures to ensure proper operation and maintenance of the water pollution control facilities in accordance with the effluent limitations and conditions of this permit.

To the extent possible, clean water shall be diverted away from manure, litter, process wastewater, feed, byproducts and other potential sources of contaminants in the production area. All runoff that is not diverted from the production area must be collected in accordance with the effluent limitations and conditions of this permit.

The permittee shall maintain all structures necessary to prevent contact of animals with waters of the State which may pass over, across, through or adjacent to the production area.

Chemicals and other contaminants shall not be disposed of in any manure, litter, process wastewater, or the pollution control system unless specifically authorized in writing by the Department. Chemicals should be disposed of in accordance with manufacturer recommendations.

Site specific conservation practices shall be implemented to control runoff of pollutants to waters of the State. Unless the Concentrated Animal Feeding Operation (CAFO) exercises a KDHE approved compliance alternative, manure, litter, and process wastewater may not be applied closer than 100 feet to any downgradient surface waters; open tile line intake structures; sinkholes; agricultural, public, or private well heads; or other conduits to groundwater or surface waters of the State. As a compliance alternative, the CAFO may substitute the 100-foot setback with a permanent 35-foot wide vegetated buffer on which applications of manure, litter, or process wastewater are prohibited.

Manure or wastewater shall not be applied upon bare ground within 1,000 feet of a habitable structure, wildlife refuge or government owned park, unless the waste can be incorporated into the soil within the same day, or has been treated for odor reduction, or is applied using approved innovative technology, or the habitable structure owner agrees, in writing, to surface application without incorporation.

Manure, litter, compost, and process wastewater shall be analyzed a minimum of once annually as indicated in the KDHE approved Nutrient Management Plan.

Soil sampling and analysis shall be conducted on soils from fields as indicated in the KDHE approved Nutrient Management Plan.

The permittee shall adhere to the protocols established in the KDHE approved Nutrient Management Plan and Nutrient Utilization Plan to land apply manure, litter, or process wastewater in accordance with site specific nutrient management practices that ensure appropriate agricultural utilization of the nutrients in the manure, litter, or process wastewater.

The most recent KDHE approved Nutrient Management Plan shall be maintained on-site; additionally, the permittee shall maintain records documenting the implementation and management of the Nutrient Management Plan. The permittee must retain the Nutrient Management Plan and records on file or at a central records location for five years, and make available upon request by the Department or EPA inspector.

Mortality Management

Routine mortalities shall be handled by burial for swine and burial for goats. For catastrophic events, the permittee shall contact the Department for instructions.

Mortalities shall not be disposed of in any liquid manure, stormwater, or process wastewater storage or treatment system that is not specifically designed to treat animal mortalities and shall be handled in such a way as to prevent the discharge of pollutants to surface water or groundwater.

Land Application

The permittee shall have equipment available which has pumping capacity to dewater the wastewater retention structure(s) to the required operating level in ten days. The permittee shall also have the land application sites as specified in the fields worksheet of the most recent KDHE approved Nutrient Utilization Plan.

Solid livestock wastes may be applied to frozen ground provided that the waste is retained at the application site.

Livestock wastes shall be applied to land using rates and methods that prevent surface runoff of pollutants and/or leaching of pollutants into groundwater. Waste application rates shall be calculated using the methodology in the NUP version 3.5 workbook. Additionally, the application rates shall not exceed the application rate limitations listed on the fields tab of the NUP version 3.5 workbook. Wastes shall be applied to the crops with the expected yield goals and nutrient requirements as listed in the Removal tab of the NUP version 3.5 workbook or the narrative Nutrient Management Plan.

Prior to the transferring of manure or process wastewater to another person, the permittee must provide the recipient the most current nutrient analysis of the waste. The analysis provided must be consistent with the requirements of 40 CFR part 412 and the approved manure management plan. The permittee must retain for five years records of the date, recipient name and address, and the approximate amount of waste transferred.

D. STANDARD CONDITIONS

In addition to the specified conditions stated herein, the permittee shall comply with the attached Standard Conditions for Swine Facilities with NPDES Permits dated July 3, 2017.

E. REPORTING AND RECORD KEEPING

1. Any significant operational changes, modifications, or capacity increases shall be reported and approved by the Department prior to implementation.

2. All overflows or discharges from the water pollution control structures, the land application sites, any water pollution incident, or any permit violation shall be reported to the Department by telephone at (785) 296-1679, immediately upon discovery [within two hours]. A written report shall be submitted to the Department within three days of the incident.
3. A written Operations Report shall be maintained on forms available from the Department. The wastewater level shall be recorded for all retention structures once per week. Whenever the water level infringes on the required operating level or the required storage capacity is not available in any retention structure, the available storage depth shall be recorded daily until the required storage capacity is again available.
4. The Operations Report shall be retained on-site or at a central records location and made available upon request by the KDHE or EPA inspector to verify proper management of pollution controls. The Report shall be kept on file at the facility or at a central records location for a period of five calendar years plus the current calendar year. The Report need not be submitted to KDHE unless so requested.
5. An Annual Report shall be submitted to the Department by February 28th of each year for the previous calendar year. The Annual Report shall be completed on forms available from the Department and include the following information for the previous calendar year: (a) maximum number and type of animals confined at any one time during the reporting period; (b) estimated amount of total manure, litter, and process wastewater generated; (c) estimated amount of total manure, litter and process wastewater transferred to a third party; (d) total number of acres for land application included in the Nutrient Management Plan; (e) total number of acres under control of the CAFO that were used for land application of livestock waste, (f) summary of all manure, litter and process wastewater discharges from the production area that occurred, including date, time and approximate volume; (g) a statement indicating whether the current version of the Nutrient Management Plan was developed or approved by a certified nutrient management planner; (h) the actual crops planted and actual yields for each field; (i) results of all samples of manure, litter, or process wastewater; (j) results of calculations conducted in accordance with those submitted in the approved Nutrient Management Plan; (k) amount of manure, litter, and process wastewater applied to each field; (l) the results of any soil testing conducted; and (m) the amount of any supplemental fertilizer applied.

F. SCHEDULE OF COMPLIANCE

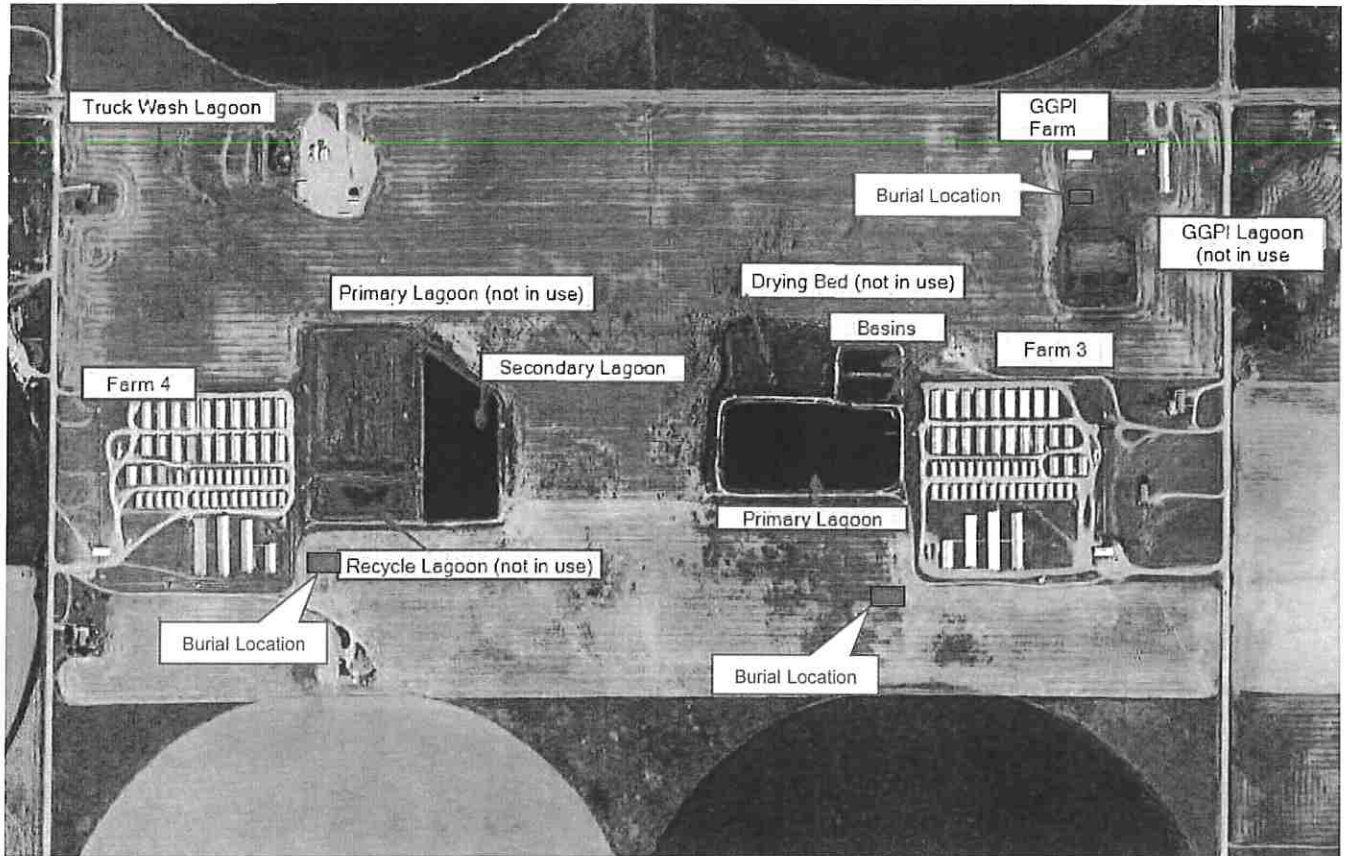
Permeability Testing

At least **120 days prior** to placing the drying bed at Farm 3, the primary and recycle lagoons at Farm 4, and the lagoon at GGPI back into service, the permittee shall notify the Department and conduct permeability tests on the structures to ensure they meet requirements. The Department shall approve the equipment and method prior to testing and the results shall be submitted to the Department within 30 days of completion. The results must be approved by the Department prior to placing the structures back into service and should any structure not meet permeability requirements, additional sealing will be required.

As-Built Plans of Piping Inlet at Farm 4

At least **90 days prior** to placing the primary lagoon at Farm 4 back into service detailed as-built plans of the pipe inlet locations must be submitted to the Department for review and approval.

Facility Site Map



**STANDARD CONDITIONS FOR
KANSAS WATER POLLUTION CONTROL PERMITS FOR AGRICULTURAL AND RELATED WASTES AND
AUTHORIZATIONS TO DISCHARGE UNDER THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
for Swine Facilities with NPDES Permits**

1. Definitions:

- A. A "grab sample" is an individual sample collected at one time.
- B. A "composite sample" is a combination of individual samples collected over time.
- C. The terms "Director", "Division", and "Department or KDHE" refer to the Director of the Division of Environment in the Kansas Department of Health and Environment, respectively.
- D. "Severe property damage" means substantial physical damage to the animal waste management system reasonably expected to cause it to become inoperable in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
- E. "Bypass" means the diversion of any process waste streams from any portion of the animal waste management system.
- F. "Process wastes" means any of the following:
 - i. Excrement from animals, wastewater, and animal carcasses;
 - ii. precipitation that comes into contact with any manure, litter, bedding, or other raw, intermediate, or final material or product used in or resulting from the production of animals or direct products, including meat, milk, and eggs;
 - iii. spillage or overflow from animal or poultry watering systems;
 - iv. wastes from washing, cleaning, or flushing pens, barns, manure pits, equipment, trucks, trailers, milking parlors, milking equipment, and other associated animal facilities;
 - v. wastes from washing animals or spraying of animals for cooling;
 - vi. wastes from dust control;
 - vii. boiler blowdown and water softener regenerate wastes;
 - viii. precipitation runoff from confinement, loading, and unloading areas;
 - ix. spillage of feed, molasses, animal wastes, and any other process wastes described herein;
 - x. discharges from land application fields that occur during application;
 - xi. precipitation runoff from land application fields, if liquid or concentrated liquid wastes are applied during frozen, snow-covered, or saturated soil conditions without approval by the department;
 - xii. raw, intermediate, or finished materials associated with wastes or contaminated stormwater runoff from animal waste or dead animal composting operations;
 - xiii. silo liquors; or
 - xiv. flows or runoff from waste storage areas.

Process wastes do not include animal wastes spilled by trucks transporting livestock on city, township, county, state, or federal streets, roads, or highways.

- G. "Nutrient management plan" means a written document that identifies the practices and procedures that the operator of a confined feeding facility uses to operate and maintain the animal waste management system and to manage the handling, storage, utilization and disposal of wastes generated by the facility that is approved by the Department or any approved amendments thereto.
 - H. "Nutrient utilization plan" means a written document, on forms prescribed by the Secretary of the Kansas Department of Health and Environment, addressing site-specific conditions for the land application of manure, wastewater, and other nutrient sources from swine facilities that is approved by the Department or any approved amendments thereto.
2. Animal waste management systems shall be designed, constructed, maintained and operated to prevent the pollution of waters of the state and to protect public health and the environment.
3. Neither the approval of construction plans, specifications, Nutrient Management Plan, or any other plan, nor the issuance of a permit or certification by the Department shall prohibit the Department from taking any enforcement action if the animal waste management system fails to protect the waters of the State, meet any specified effluent criteria, or comply with State Surface Water Quality Standards. In addition, this approval, permit issuance, or certification shall not constitute a defense by the permittee regarding violation

of any statute, regulation, permit condition, or requirement.

4. Representative Sampling and Reporting:

- A. Samples and measurements taken as required in this permit shall be representative of the physical and chemical nature of the monitored material. All samples and measurements shall be taken at the locations designated in the permit, and unless specified otherwise, at locations before the material being sampled joins, mixes with or is diluted by any other material.
- B. Monitoring, testing and reporting requirements shall be recorded and reported on forms acceptable to the Department. Signed copies of the reports, prepared in accordance with K.A.R. 28-16-59, shall be submitted unless otherwise specified in the permit to:

Kansas Department of Health & Environment
Bureau of Water-Livestock Waste Management Section
1000 SW Jackson Street, Suite 420
Topeka, KS 66612-1367

5. Soil Sampling Protocol: For each land application site (field) to be sampled, soil samples shall be collected from areas representative of the soil types and nutrient application activities according to Kansas Administrative Regulations (K.A.R. 4-21-3 and 4-21-4), the most recently approved Nutrient Management Plan or Nutrient Utilization Plan. A representative number of cores shall be collected from each field via either of the following methods:

(A) Two composite samples shall be collected from each field by separating the top six inches of each core collected from the bottom of the core sample. If multiple cores are taken, all samples from the top six inches of soil shall be mixed together. The bottom segment of each soil core sample from six through 24 inches shall then be mixed together.

(B) Two composite samples shall be collected by obtaining individual core samples. A composite sample shall be collected from the top six inches of the soil and mixed if multiple cores are collected. The second composite sample shall be collected by taking a core sample from the soil surface to a soil depth of 24 inches. If multiple cores are taken, the samples shall be mixed before testing.

- The composite sample from the top 6 inches shall be tested for phosphorus (Bray-1, Mehlich III or Olsen P test), copper, nitrate (as N), chloride, zinc, pH, electrical conductivity, and other parameters as specified in the permit.
- The composite sample from 0 to 24 or 6 to 24 inches shall be tested for nitrate (as N), chloride, and other parameters as specified in the permit.
- Soil test results shall be sent to the address shown in paragraph 4B above and submitted pursuant to the requirements of the permit.

6. Test Procedures: All analysis required by this permit shall conform to the requirements of 40 CFR Part 136 and the North Central Regional Research Publication No. 221, "Recommended Chemical Soil Test Procedures for the North Central Region" unless otherwise designated. Testing shall be conducted in a laboratory certified or otherwise accepted by the Department. For each measurement or sample, the permittee shall record the exact place, date, and time of sampling/measurement as appropriate. The laboratory report shall include the date of the analysis, the analytical techniques or methods used, the name of the individual(s) who performed the analysis, and the results. If the permittee monitors any material or takes any measurement at the location(s) designated in this permit more frequently than required by this permit, using approved procedures; the results shall be included in the report form required in paragraph 4B above. Such increased frequencies shall also be indicated.

7. Records Retention: A copy of all records and information resulting from the monitoring activities required by this permit, including all records of analyses and calibration and maintenance of instrumentation shall be retained on-site or at a central records location for a minimum of five calendar years or longer if requested by the Director of the Division of Environment.

8. Availability of Permit and Permit Records/Falsification of Data: The permittee shall retain a copy of the

current permit issued by the Department and approved plans at the facility's site office or such other site as approved by KDHE. Construction plans, specifications, sample test results and other plans are not confidential material unless specifically so designated by KDHE pursuant to Federal and State law. Knowingly making any false statement on any report or tampering with equipment to falsify data may result in the imposition of criminal penalties as provided for in 33 USC Section 1319 and K.S.A. 65-170c.

9. Change in Operations: Any significant anticipated change in operations shall be reported to the Division at least one hundred eighty (180) days before such change occurs. A significant Change in Operations means any of the following: (1) Expansion or enlargement of a facility beyond the scope or boundaries established by registration, permit, certification, or approved plans and specifications; (2) any increase in the animal unit capacity beyond that authorized by a permit or certification; or (3) a change in construction or operation of a confined feeding facility that may affect the collecting, storage, handling, treatment, utilization, or disposal of animal or other process wastes. Minor changes shall be submitted to the Department for review and approval prior to construction, implementation or use.

Notification to and approval by the Director is required prior to a significant change in disposal method, a change in the method of treatment which would significantly alter the characteristics of the process waste, discharging to a disposal area different from the existing approved area, or other circumstances which result in a change in character, amount or location of process waste disposal or re-use.

For any change which will result in an expanded capacity of the facility or operation, permittee shall provide the Department a new application and supporting documentation.

10. Facilities Operation: The permittee shall, at all times, properly operate and maintain the animal waste management system and any related appurtenances that are installed or utilized by the permittee to achieve compliance with Kansas law and the conditions of the permit. The permittee shall operate the facility in a manner to prevent any discharge that is in violation of the permit or that has a potential to adversely affect human health or the environment. When necessary to maintain compliance with the permit conditions, the permittee shall stop or reduce those activities under its control, which generate process wastes routed to the animal waste management system.

11. Immediate Reporting Required:

- A. Any emergency or accidental discharge, overflow, or unplanned release of animal or other process wastes, any water pollution incident, or any permit violation shall be reported to the Department by telephone at (785) 296-1679 within two hours of discovery. A written report explaining the cause of the incident and what actions the permittee has taken, or will take to prevent recurrence shall be submitted to the Department at the address provided in paragraph 4B within three days of the incident.
- B. Any discharge from, or bypass of any part of the animal waste management system not in compliance with this permit is prohibited except: where no feasible alternatives to the bypass exists and 1) where necessary to prevent loss of human life, personal injury or severe property damage; or 2) where excessive storm water inflow or infiltration would damage any part of the animal waste management system necessary to comply with this permit or 3) where the permittee notifies the Director seven days in advance of an anticipated bypass or discharge. The Director or Director's designee may approve a bypass or discharge, after considering its adverse effects, if any of the three conditions listed above are met. The permittee shall report such discharges or bypasses pursuant to paragraph A above.

12. Right of Entry and Bio-Security: The permittee shall allow authorized representatives of the Division of Environment and the Environmental Protection Agency (EPA) to enter upon the permitted premises to inspect the animal waste management system, and at reasonable times, to have access to and copy any records required by this permit, to review any practices required by this permit, and to sample any influents to, discharges from or materials in the animal waste management system. Any permittee that develops or modifies bio-security protocols and requests KDHE conformance with the protocols shall submit a copy of the protocols to the Department. Upon request of the permittee, KDHE or EPA officials shall present their credentials to the permittee. However, the presentation of credentials shall not be a basis to deny entry to the permitted facility.

The permittee shall provide all necessary specialized equipment, clothing, etc. to enable the Department and EPA inspectors to enter the facility for inspection. Bio-security protocols shall not inhibit reasonable access by any Department or EPA inspector.

13. **Property Rights:** The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights nor any infringement of or violation of federal, state or local laws or regulations.
14. **Permit Modifications and Terminations:** As provided by K.A.R. 28-16-62, after notice and opportunity for a hearing, this permit may be modified, suspended, revoked or terminated in whole or in part during its term for cause as provided, but not limited to those set forth in K.A.R. 28-16-62 and K.A.R. 28-16-28b through f. The permittee shall furnish to the Director, within a reasonable amount of time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The permittee shall also furnish upon request, copies of all records this permit requires to be kept.
15. **Void of Plan Approval:** Failure to initiate the approved construction or expansion within two years and to complete the approved construction or expansion within three years after the effective date of the permit shall void the secretary's approval of the construction plans, specifications, and other associated plans. If phased construction is proposed, the initiation and completion of construction shall conform to the schedule stipulated by the secretary.

If the approval becomes void, the permit shall remain in effect for the term of the permit, but the operator shall resubmit the construction plans, specifications, and other associated plans to the secretary for review and consideration for approval before initiating the construction or expansion of the facility.
16. **Severability:** The provisions of this permit are severable. If any provision of this permit or any circumstance is held invalid, the remainder of the permit shall not be affected thereby.
17. **Transfer of Ownership:** The permittee shall notify the succeeding owner or controlling person of the existence of this permit and shall provide the Department a copy of an agreement indicating the date when the transfer of permit responsibility, coverage and liability will take place. The permit is not transferable to any person except after notice to and approval by the Director. The existing permit remains in effect until the Department authorizes the transfer by letter or reissues the permit. The Director may require modification or revocation and reissuance of the permit to update the permit to comply with current Federal and State requirements.
18. **Change in Permittee Address/Telephone No.:** The permittee shall notify the Department within 60 days of any changes in mailing address or telephone number regarding the facility or the designated facility contact.
19. **Retention Structure Wastewater, Liquid Process Waste Level Monitoring:** A permanent water level measurement device (such as a staff gauge) shall be installed and maintained in each retention structure used as the basis for determining appropriate storage capacity. The device shall be marked in increments of feet and shall be readable to the nearest $\frac{1}{2}$ foot.
20. **Irrigation Practices:** Irrigation practices shall be managed to minimize pooling of animal or other process wastes at the land application site. Irrigation practices shall be managed to ensure that animal or other process wastes are not discharged from the waste application sites.
21. **Removed Substances:** Solids, sludge, or other process wastes removed from the animal waste management system shall be disposed of or re-used in a manner acceptable to the Division.
22. **Transport of Animal or Process Wastes:** The permittee shall haul or transport animal or process wastes to land application sites in a manner that prevents loss or spillage during transport.
23. **Cease Operations/Removal from Service:** Each permittee shall notify the Department of plans to cease operations of, close, or abandon the facility, and shall maintain and comply with the permit until the

Department approves the closure of the facility. The permittee shall inform the Division prior to removing from service any part of the animal waste management system that would affect compliance with the permit. The permittee shall make arrangements acceptable to the Division to decommission any portion of the animal waste management system being permanently removed from service such that the public health and waters of the state are protected.

24. Retention Structure Liners: The permittee shall install and maintain the liner to comply with K.A.R. 28-18-1 *et seq.* When soil liners are utilized, no trees or other deep-rooted vegetation shall be allowed to grow within 100 feet of the liner. Any mechanical or structural damage to the liner shall be reported to the Department within two workdays of identification and shall be repaired in a time frame approved by the Department.
25. Permeability Tests: The permittee shall conduct permeability tests using methods acceptable to the Department. For a description of the acceptable methods, the permittee may contact KDHE at the address in paragraph 4B. Permeability tests shall be conducted anytime the retention structure is altered by cleanout and/or reconstruction or anytime there is damage to the liner. Results of the permeability test shall be submitted to the Department within 30 days of completing the test. Should any structure not meet the permeability requirements, additional sealing will be required.
26. Annual Permit Fee: Each permittee shall submit the appropriate annual permit fee according to the schedule of fees provided in K.A.R. 28-16-56d. The Department will bill the permittee annually. Failure to pay the annual permit fee shall result in revocation of the permit.
27. Duty to Reapply: A permittee wishing to continue any activity regulated by this permit after the expiration date of this permit must apply for a new permit at least 180 days prior to expiration of the permit.
28. Stocking of New/Expanded Facility: The permittee shall not stock a new facility or the expanded portion of an existing facility nor place in use any animal waste management system until after the construction or expansion of the facility, including the animal waste management system, is completed, the Department has reviewed and approved any requested construction certifications, and the new or modified permit is issued or re-issued by the Department.
29. Swine Facility Plans: The permittee shall comply with the approved manure management plan, emergency response plan, odor control plan and dead animal handling plan as approved by the Department pursuant to Kansas and Federal law. The permittee shall amend these plans whenever warranted by changes in the management and operation of the facility and pollution controls.
30. Updates to Nutrient Management or Utilization Plans: Updates to the Nutrient Management Plan or Nutrient Utilization Plan shall be provided to the Department prior to any significant change to the facility or plan. All updates shall be developed in accordance with the Kansas Technical Standards for Nutrient Management – Revised 2010. The permittee shall notify the Department prior to implementing any changes to the approved plan.
31. Whenever the permittee does not own all the swine at the facility, the permittee shall provide the Department a copy of the executed contract with the owner of the swine that specifies responsibility for management of the swine or other process wastes.
32. Operator Certification: The permittee shall ensure the swine pollution control system is under the supervision of an operator certified by the Department. If the permittee does not have a certified operator or loses its certified operator, the permittee shall immediately contact the Department at the address provided in paragraph 4B above and begin the process of obtaining the services of a certified operator as required by Kansas law.
33. Additional Information and Contacts: Additional information and KDHE contacts can be found on the KDHE-Livestock Waste Management Section's web page at www.kdheks.gov/feedlots.

For swine facilities with animal unit capacities greater than or equal to 3725

34. Facility Closure Plan: Each permittee with an animal unit capacity greater than or equal to 3725 shall develop and implement a swine facility closure plan as approved by the Department and shall amend the plan whenever warranted by changes in the swine facility or in other conditions affecting the facility.
35. Financial Assurance - Swine Facility: Annually before January 1 of each year, each permittee with an animal unit capacity greater than or equal to 3725 shall provide evidence to the Department that the permittee has the financial ability to cover the cost of closure of the swine facility.
36. Financial Assurance - Waste Retention Lagoons: Annually before January 1 of each year, each permittee with an animal unit capacity greater than or equal to 3725 shall provide evidence to the Department that the permittee has the financial ability to cover the cost of closure of the swine wastewater retention lagoons or ponds.