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.

1.1 OPERATION NAME
Valley Oaks Feeder, LLC

1.2 OWNER (PROVIDE LEGAL NAME)
Valley Oaks Real Estate, L.L.C.

1.3 CONTINUING AUTHORITY (IF DIFFERENT THAN THE OWNER)
Same as above

2.1 PERMIT TYPE
☐ NPDES Site Specific Permit
☐ NPDES General Permit (MOG01)
☒ State No-Discharge General Permit (MOG51)

2.2 PERMIT ACTION*
☒ New Permit
☐ Renewal
☐ Modification
☐ Ownership Transfer

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

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

4.1 OPERATIONAL INFORMATION (SEE INSTRUCTIONS)
SIC Code(s) 0211
CAFO Class Size III

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 6 - 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.

Animal mortalities will be stored in a confined area until they are collected for disposal by a renderer within 24 hours.

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.

Please see attached: Additional Text Form W

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.

Please see attached: Additional Text Form W

PART 9 - CHEMICAL HANDLING

9.1 Check the appropriate boxes 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. Please see attached: Additional Text Form W

PART 10 - MANURE ANALYSIS TESTING

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

Manure, compost

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

Please see attached: Additional Text Form W

PART 11 - RECORD KEEPING

Please see attached: Additional Text Form W

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

PART 2 - EMPLOYEES

NAME David Ward, Valley Oaks Real Estate, L.L.C.

SIGNATURE

DATE

PART 3 - PERMIT APPLICATION

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 Valley Oaks Feeders LLC
Address 1921 W. Hwy. 50
City Lone Jack, MO 64070

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 Firm Quist Engineering
Address 821 NE Columbus St.
City State Zip Code Kansas City, MO 66106-2963

MO 780-2112 (07/14)
PART 7 – DIVERSION OF CLEAN WATER
To ensure that clean rainwater is diverted from the production area, all gutters and downspouts on the animal confinement barns and manure storage sheds are connected into a storm sewer system. Water in the storm sewer system drains into two freshwater ponds located downhill from the production area that may be used as the animals’ source of drinking water. Outside alleyways used to move cattle have pipe fencing to contain the animals and will have 16” of continuous steel plate at the bottom of the fencing to prevent manure from escaping the alleyways and leaving the production area. All outside alleyways and alleyways inside the animal confinement barns will be cleaned with a skid steer loader daily or as otherwise deemed appropriate and any manure will be placed into one of the manure storage structures. Cattle, feed, manure, and mortalities will be loaded and unloaded with care. Cattle, manure, mortalities, feed, diesel fuel, and oils and lubricants from farm equipment will be kept under roof at the farm to prevent them from coming into contact with rainwater. Grass will be planted around the barns as deemed appropriate to serve as a filter and help prevent erosion around the barns. Berms and swales will be used as deemed appropriate to divert clean rainwater from the production area and into the two freshwater ponds. All equipment used to move and handle manure will be stored in machine sheds when not in use.

PART 8 – PREVENT DIRECT CONTACT OF ANIMALS WITH SURFACE WATERS
All confined animals are housed under roof in confinement barns with no outside access. The animal confinement barns have pipe fencing to keep animals inside and away from waters of the state.

PART 9 – CHEMICAL HANDLING
All farm chemicals are stored in proper containers. Expired chemicals and empty containers are properly disposed of in accordance with state and federal regulations.

PART 10 – MANURE ANALYSIS TESTING
Manure samples will be collected and analyzed according to the requirements set forth in the Missouri CAFO Nutrient Management Standard:

*The following protocols describe how and when sources of manure should be sampled and how manure testing results will be used to estimate nutrient concentration in manure.*

a. **CAFOs are required to sample each unique source of land-applied manure at least once per year;**

b. **All manure samples should be tested for total nitrogen, ammonium nitrogen, total phosphorus, and total potassium. When lab results are reported on a dry basis manure samples should also be tested for dry matter or total solids.**
(moisture content). Nitrate nitrogen is typically not present in manure samples but should be tested for if an innovative manure handling system is likely to create aerobic conditions where nitrate will persist in manure;

(c) Samples should be collected and handled following the guidelines outlined in MU Guide Publications EQ215 and G9340 (for poultry litter);

d) When possible, sample and analyze manure just prior to the time for land application of manure so current results are available for calculating manure application rates.

PART 11 – RECORD KEEPING

Records will be kept according to the requirements set forth in the Missouri CAFO Nutrient Management Standard and included in the Nutrient Management Plan Appendix C. Example forms to be filled to satisfy the record keeping requirements can be found in the Nutrient Management Plan Appendix C.