

TERRA TECHNOLOGIES

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January 30, 2018

Lone Jack, MO 64070

Dear

Valley Oaks Steak Company LLC, is planning construction of a new confined animal feeding operation in Sections 15 and 22, Township 47N, Range 29W, in Johnson County, Missouri (see the location map at the end of this letter).

This operation is proposed to be a confined cattle feedlot producing beef. The operation will include the construction of three 138' wide by 720' long barns, two 138' wide by 1,600' long barns, and one 138' wide by 560' long barn which will house the confined animals. The existing 150' wide by 325' long barn will be used for equipment or other uses, not as an animal confinement area. A 90' wide by 720' long barn will be constructed as a manure storage structure. The existing 82' wide by 70' long building will be expanded to a 255' wide by 183' long building that will be used as the beef processing center as well as an office. The existing 36' wide by 192' long commodity barn will be used to store feed for the cattle. Proposed animal numbers are 6,999 finishing cattle, including steers and heifers. Cattle manure will be stored onsite within the buildings, which will be cleaned out when storage is maximized, as necessary, or when manure is needed to be either bagged for commercial sale or applied to fields that will receive the manure as a fertilizer.

The proposed farm will be designed and constructed to meet the current standards of the Missouri Department of Natural Resources. The entire nutrient handling and storage structures operate as a no discharge system. Dead animals will be stored in confined area until render picks up within 24 hours.

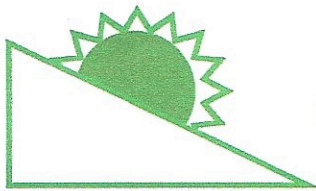
Solid manure will be land applied according to recommended agronomic rates for corn, pasture, or hay, which will be grown on the land application areas on the property as well as on properties immediately to the east and other properties at least nine miles away. Application rates will be calculated based on manure laboratory analysis and expected crop yields. Land application of solid manure will take place via a large manure spreader to surface apply dry manure to the land application areas.

Valley Oaks Steak Company, LLC owns 400.7 acres at this location that will be utilized for this farming operation, their address is 1921 W 50 Highway, Lone Jack, Missouri 64070, (855) 667-2333. Additional information can be obtained from David Ward at this address or phone number.

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You are hereby notified that written comments may be made to the Missouri Department of Natural Resources concerning this proposed farm for a period of 30 days after your receipt of this letter. Their address is: Missouri Department of Natural Resources, Attn: Gregory Caldwell, P.O. Box 176, Jefferson City, MO 65102.

Sincerely,
TERRA TECHNOLOGIES INC.

David L. Flick
David L. Flick
Principal

Location of Proposed Project



Legend

- = Proposed Buildings
- = Existing Buildings
- = Property Boundary of Permit Site

Site Location
T47N-R23W-S15 & S22
Lone Jack, Johnson County, Missouri
400.7 Acres
Lat. 38.874889
Long. -94.106639



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