



Bureau of Environmental Programs

State Fairgrounds • P.O. Box 19281 • Springfield, IL 62794-9281 • 217/785-2427 (voice/TDD) • Fax 217/524-4882
Pesticide Misuse Hotline 1-800-641-3934 (voice/TDD)

August 20, 2014

Sandy Creek Lane, LLC
VMC Management Corporation
411 North Highland St.
Williamsburg, IA 52361

RE: Facility ID#: LF1230070000

Dear Facility Owner/Operator:

Pursuant to Section 12.1 of the Livestock Management Facilities Act (Act) (510 Illinois Compiled Statutes (ILCS) 77/12.1), the Illinois Department of Agriculture (Department) has reviewed all documents relative to your proposed construction of a livestock management facility and livestock waste handling facility. These documents include: the notice of intent to construct application; transcripts and related exhibits from the informational meeting held on April 17, 2014; the Marshall County Board's recommendation; and all additional information submitted and received by the Department regarding your proposed facility; and your responses to our June 13th and July 15, 2014 requests for additional information. As a result of the review, the Department finds that additional information is needed in order for the Department to make its final determination regarding the siting of your proposed facility as required by Section 12.1(a-5) of the Act and 8 Illinois Administrative Code (IAC) 900.407. Our additional information request is as follows:

- Please provide a response to the Department's request for additional information letter, dated August 20, 2014, regarding the Non-Lagoon Livestock Waste Handling Facility Application. (See Attached).
- The Department acknowledges that the facility intends to "apply all livestock waste in accordance with a nutrient management plan" and intends to "utilize injection for all waste applications". As previously requested, please describe how this will relate to odor control during land application activities.
- Please revise the tree planting plot plan to include the location and orientation of the facility ventilation exhaust fans.
- The Department acknowledges that "all manure applications will occur in accordance with a nutrient management plan" and that the "the facility also intends to utilize injection as the manure application method". Please provide a discussion detailing how this will minimize the likelihood of any environmental damage to Sandy Creek during manure application events.

- As previously requested, please provide detailed calculations and a complete listing of supporting documentation used in the development of the estimated number of acres available for land application purposes. Please provide the animal numbers and weight classes, specific manure production book values used, and any other assumptions relied upon to estimate the annual manure production at the facility. Also, please provide all assumptions, book values, crop yield goals, and related calculations used to estimate the land application rates. Supporting documentation should include a listing of reference documents used to support the various assumptions relied upon to develop the overall estimated land application acreage required for agronomic manure utilization.

Please be advised, the Department will be unable to make a final determination concerning the status of your proposal until all applicable items required by the Act have been submitted for Department review.

Note: Please be advised of the waste management planning requirements of the Livestock Management Facilities Act (510 ILCS 77/20 (c)) and associated regulation (8 IAC 900.802 (c)) and how they might apply to the proposed facility. Specifically, facilities with a maximum design capacity of 1,000 or greater animal units but less than 5,000 animal units are required to prepare, maintain and implement a plan within 60 working days after commencing operations or exceeding 1,000 animal units. In addition, a form certifying that a waste management plan has been prepared must be submitted to the Department prior to the expiration of the aforementioned 60 day period.

Note: Please be advised of the certified livestock manager requirements of the Livestock Management Facilities Act (510 ILCS 77/30) and how they might apply to the proposed facility. A livestock waste handling facility serving 300 animal units or greater shall be operated under the supervision of a certified livestock manager.

Note: Please be advised of the animal disposal requirements of the Dead Animal Disposal Act and how they might apply to the proposed facility. Specific questions regarding the requirements of this Act can be addressed to the Illinois Department of Agriculture, Bureau of Animal Health and Welfare, P.O. Box 19281, Springfield, IL 62794-9281, 217-782-4944.

If you have any questions concerning this letter, please contact the Department at 217/785-2427.

Sincerely,

ILLINOIS DEPARTMENT OF AGRICULTURE



Warren D. Goetsch, P.E.
Bureau Chief, Environmental Programs

cc: file
Marshall County Board
Mr. Matt Wagner
Mr. Jake Nims



Bureau of Environmental Programs

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***LIVESTOCK MANAGEMENT FACILITIES PROGRAM
"NON-LAGOON LIVESTOCK WASTE HANDLING FACILITY CONSTRUCTION
PLAN" REVIEW***

ADDITIONAL INFORMATION REQUIRED

Applicant:

Sandy Creek Lane, LLC
VMC Management Corporation
411 North Highland Street
Williamsburg, IA 52361

Date: August 20, 2014

Facility ID Number: LF1230070000

Facility Location: Wenona, IL

Date Received: August 6, 2014

Dear Applicant:

Your Application for the Registration of a Non-Lagoon Livestock Waste Handling Facility was received by the Department and processed accordingly. Based upon our review, it was determined that additional information or alterations of the existing plans are required for approval. The following items are offered for your consideration for incorporation into the application.

ADDITIONAL INFORMATION REQUIRED

- 1) Drawing 14-16110 presents existing subsurface drainage lines (tiles). The Department recognizes existing subsurface drainage lines encountered during construction will be removed to at least 50' from the proposed livestock waste handling facilities. Please state if those existing tiles encountered shall be capped, plugged, rerouted to maintain drainage, etc.
- 2) The alternative design request for precast concrete slats, Drawing 01-12101 is not signed. Please sign and resubmit this alternative design request.
- 3) Please submit detailed drawings of the 6 foot long precast concrete slats to be used in the GDU livestock waste handling facility.
- 4) The site investigation narrative states "Soil sampling was performed at 2 ½ foot intervals to the termination depth of each boring." Please verify continuous sampling was conducted in 2 ½ foot increments. The Department recognizes poor recovery in a portion of Boring B-3.
- 5) Page 1 of 1, Load Out Room, Sidewall & Endwall Detail presents two #4 horizontal reinforcement bars. The note states the horizontal reinforcement has a frequency of 12 inches o.c. Two #4 horizontal reinforcement bars does not meet minimum temperature/shrinkage requirements. Please revise the plans as necessary.
- 6) Please revise Page 2 of 4, Farrowing, cross section locator 6 to extend through the exterior wall.

ID#: LF1230070000

Additional Information Required

- 7) Page 3 of 4, Farrowing, Side Wall/Pit End presents a waterstop between the uppermost slab and wall. Please be advised this waterstop is not required.
- 8) Page 3 of 4, Farrowing, Typical Cold Joint Detail Pit Side Wall At Pit End Wall presents waterstop between the interior pit wall and exterior pit wall. Please be advised these waterstops are not required.
- 9) Page 3 of 4, Farrowing, End Wall/Hallway Detail presents the 6 foot wide slab on grade reinforcement spacing at 24 inches o.c. Please be advised the maximum spacing is 18 inches o.c. Please revise the plans as necessary.
- 10) Page 6 of 7, Gestation, End Wall Joint Side View presents the top of wall beam reinforcement continuous through the control joint. Please be advised the top of wall beam reinforcement should be interrupted at the joint. Please also present the location of the joint relative to the end of the precast beam (center of precast beam, side of precast beam, etc.). The Department recognizes the note presented on Page 2 of 7.

Upon receipt of amendments to your application or requested supplemental information, we shall finalize our review of your proposal.

We appreciate your cooperation with the Department on this matter. Should you have any questions or comments regarding this letter, please contact the Livestock Waste Program at (217) 785-2427.

Sincerely,

ILLINOIS DEPARTMENT OF AGRICULTURE



Warren D. Goetsch, P.E.
Bureau Chief, Environmental Programs



Brad A. Beaver, Manager
Livestock Management Facilities Program

cc: file
LF123007cpamnd2air