October 5, 2020

SUPREME BEEF, LLC
c/o JARED WALZ
15869 GLIDER RD
MONONA, IA 52159

SUBJECT: **Nutrient Management Plan Approval**-Supreme Beef, LLC (Supreme Beef) at 22578 Highway 18, Monona, Iowa.
AFO Facility ID# 71007

Dear Mr. Walz,

The Department of Natural Resources (DNR) received Supreme Beef's Nutrient Management Plan (NMP) for the above referenced open feedlot facility. On August 31, 2020 the DNR conducted a virtual public meeting to gather public comments on the NMP.

As a result of DNR's review of the NMP and public comments received it was noted that portions of the NMP were incomplete or needed further clarification. Subsequently, revisions to the NMP were submitted. **The revised NMP has been reviewed and DNR is approving the revised NMP at this time with the following conditions:**

- The original NMP indicated the maximum number of animals housed at the facility would be 11,600 cattle. The revised NMP states that the maximum number of animals housed will be 2,700 cattle. That latter figure is what DNR has ultimately reviewed and approved.
- Due to incorrect documentation of Phosphorus Index calculations, many of the fields included in the original NMP cannot be utilized for land application at this time. Please note the following fields are acceptable for land application: Across Road, Alfa Gold North, Alfa Gold South, Costigan House Bottom, Freddy's, Hog Barn South, Leroy's, Marting, Meiers, North Harness, Goedken East, Goedken West, and Smith. At this time, these fields are the only fields that manure from this operation may be land applied to. Please note that the P indexes for fields identified as Hog Barn North and Hog Barn South are switched in the revised page 3. Therefore, Hog Barn South has the lower P index and can receive manure application; while Hog Barn North cannot.
- The original NMP provided soil sampling data based on only one sample per field. 567 Iowa Administrative Code (IAC) 65.17(17) "e" requires the following, "For an original manure management plan, previous soil sampling data that does not meet the requirements of 65.17(16) may be used in the phosphorus index if the data is four years old or less. In the case of fields for which soil sampling data is used that does not meet the requirements of 65.17(16), the fields must be soil-sampled according to the requirements of 65.17(16) no more than one year after the manure management plan is approved." Subparagraph 567 IAC 65.17(17) "h" (1) provides, "When any inputs to the phosphorus index change, an operation shall recalculate the phosphorus index and adjust the application rates if necessary" [These confinement rules apply to open feedlots pursuant to 567 IAC 65.112(8)"a"]. Updated soil samples, from multiple locations in each field, including the recalculated Rusle2 calculations, phosphorus index, and soil analyses, must be submitted to DNR Field Office 1 and the applicable county(ies) by **October 1, 2021**.

- You are reminded that the facility must comply with all requirements for land application of manure, including the applicable separation distances (see the enclosed table). Supreme Beef is required to maintain detailed records of actual manure applications for both solid and liquid manure as well as any changes made to the NMP. Records from this facility must be maintained for five years.

Our records indicate that your open feedlot will house 1,000 cattle or more and you have indicated that it will be a zero-discharge facility. Since the facility houses over 1,000 animals, an NPDES Permit will be required for any discharge to a water of the state. A discharge can include manure, manure laden runoff, or process wastewater (such as runoff from bedding, feed stuffs, or compost areas) that would reach surface waters. A discharge can occur from the facility or from manure application if it results in manure runoff to a water of the state.

Lastly, please know that if you wish to increase the number of animals housed onsite in the future you must first submit a revised NMP for review and approval, including publishing a public notice.

Please feel free to contact Brian Jergenson at brian.jergenson@dnr.iowa.gov or 563/927-2640, Ext. 313 with any questions or concerns.
Sincerely,

Joe Sanfilippo
Environmental Program Supervisor

CC: Becky Sexton (via email)

Attached: Separation Distances for Land Application

Efile: 22 AFO Monona 71007 Supreme Beef LLC NMP ltr 100520 bdj