



PUBLIC HEALTH

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DATE: December 10, 2020

TO: Cerro Gordo County Board of Supervisors

Cc: John Robbins, Cerro Gordo County Planning and Zoning

FROM: Daniel Ries, Cerro Gordo County Department of Public Health

SUBJECT: Manure Management Plan for Amarcon (Staudt 2)

This report is being written to make you aware of concerns regarding a short form Manure Management Plan Update received by this office from **Amarcon (Staudt 2)** swine operation. This report is being submitted according to **Resolution 2003-123 A Resolution Adopting Policy for the Receipt, Review and Comment on Manure Management Plans Received by the Cerro Gordo County Board of Supervisors**. Within seven (7) days of receipt of the manure management plan the Environmental Service Manager shall review the Manure Management Plan and prepare a report to the Board of Supervisors detailing the issues to be forwarded to the Iowa Department of Natural Resources.

The Amarcon (Staudt 2) operation is an existing facility located at **23702 130th Street in Section 14 of Dougherty Township**. The operation houses 2,490 finishing hogs. The operation will produce 629,500 gallons of manure annually which will be stored in below-building pits. Manure from this facility will be applied to a total of 628.8 acres in Dougherty Township: 69.5 and 35.1 acres in Section 12; 151.2 acres in Section 14; 74.7 acres in Section 21; 132.7 and 97.0 acres in Section 23; 68.6 acres in Section 26. The main concerns that should be forwarded to the Iowa DNR include the following:

- The city of Dougherty is about ¼ mile from the manure application area.
- The un-incorporated village of Cartersville is about 2¼ miles from the manure application area.
- Two waterways that feed Ackley Creek dissect the manure application area in Section 14.
- A waterway which is a tributary of Coldwater Creek dissects the manure application area in Section 23
- A waterway which is a tributary of Coldwater Creek and its floodplain cuts across the field in Section 26.
- Coldwater Creek's flood plain encroaches on the NE corner of the field in Section 21.
- Beemis Creek and its flood plain dissect the two fields in Section 12.

If you have any questions, feel free to contact me at (641) 421-9338 dries@cghealth.com.



PLANNING AND ZONING
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December 11, 2020

TO: Board of Supervisors

CC: Daniel Ries, Senior Environmental Health Specialist

FROM: John Robbins

SUBJECT: Updated Manure Management Plan filed for the Amaracon/Staudt 2 Facility

Gentlemen:

This office is in receipt of an updated Manure Management Plan for Amaracon's Staudt 2 facility. This facility is located east of the building site at 23702 – 130th Street and located in the SW¹/₄ of the SE¹/₄ of Section 14, Dougherty Township. The Short Form for Annual Updates states that crop rotation or optimum yields have changed and manure analysis for determining application rates is being used.

This update states that manure will be applied on seven fields, totaling 628.8 acres, in crop years 2021-2023. The number of acres on which manure will be applied is unchanged from the previous year. The fields are located in sections 12,14, 21, 24, and 26 of Dougherty Township. Manure will be knifed in or injected into the soil.

Floodplain maps show that the field in Section 14 has two small waterways in it that feed into Ackley Creek, but no floodplain. The fields in Sections 12 have the floodplain of Beemis Creek runs between the fields. A grassed waterway traverses the field in the SW¹/₄ of Section 23 from north to south. The field in Section 26 contains a floodplain. Manure runoff should be less of a concern since manure will be knifed or injected into the soil.

There are 13 dwellings within ½-mile of the fields on which manure will be applied. Odor impacts are possible on days which manure is applied. The field in Section 26 is ¼-mile north of Dougherty city limits.

The confinement site is on a gravel road. There is an access into the field in Section 14 from Yarrow Avenue (County Road S-66), and the fields in Section 12 are also accessible from the same road or 140th Street (County Road B-60), which are all paved. The remaining fields can only be accessed from gravel roads. Damage to gravel roads can occur if manure is hauled over them after periods of wet weather or when frost boils are emerging.

Please contact me if you have any questions.

Attachment

1. [Illegible text]

[Illegible text]

[Illegible text]

[Illegible text]



2021 MMP Short Form for Annual Update

Facility

Staudt 2 # 65072
23702 130th St
Dougherty, IA 50433

Date Due:
01/01/2021

Date Received:
11/25/2020

Date Approved:
12/10/2020

Owner

Amaracon LLC

Contact

Brian Ritland- Pinnacle Group

Prior to making changes in manure management practices, update the on-site copy to show actual changes. Please select changes below and include all changes in your current, on-site MMP.

- I have made no changes to my MMP
I have added acres
Change Crop Rotation or Optimum Yields
Changed Application Method
Used manure analysis
I am electing to be a small animal feeding operation (SAFO) or facility capacity has changed
I have made other changes to my MMP Describe :

Empty text box for describing other changes to the MMP.

- I sell all manure with a Chapter 200A license through the Iowa Department of Agriculture and Land Stewardship.
In addition to selling manure as indicated above, I also apply manure to fields using a manure management plan.

County Notifications

The following counties have been notified:

Cerro Gordo

Animal Unit Capacity / Payment Summary

Table with 4 columns: Animal Type, Head, AUC, Amount (AUC * 0.15). Rows include Swine Wean to Finish and Total.

I, Brian Ritland, attest that the information indicated above is accurate and complete.

Comments

Empty text box for providing comments.