



PUBLIC HEALTH

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DATE: June 29, 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 JTC Site (Jon Caspers)

This report is being written to make you aware of concerns regarding a Manure Management Plan received by this office from **JCT Site** 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 issues to forward to the Iowa Department of Natural Resources.

The confinement unit is located at **6221 Finch Avenue in Section 1 of Grimes Township**. This is an existing operation that is not expanding. The capacity of the four-building operation is 3,840 hogs. Annual manure production is 1,065,800 gallons which is stored in below building pits. The eight fields totaling 705.9 acres are located in Sections 1, 2, 11, and 13 of Grimes Township and Section 34 of Union Township. The concerns with the plan are similar to last year and are listed below:

- **The city of Thornton is adjacent to the manure application area.**
- **The manure application area is adjacent to the Union Hills and Beaverdam Creek Waterfowl Protection Areas. The manure application area is about two miles from the Bailey Creek Waterfowl Protection Area.**
- **The manure application area is about ½ mile from Ring-Neck Wildlife Area.**
- **The manure application area is about ½ mile from Ingebretson Park and Campground and Pleasant Valley Golf Course.**
- **The manure application area is adjacent to Pleasant View Cemetery.**
- **Drainage Ditch #70 runs through the fields in Sections 34 of Union Township and Section 13 of Grimes Township.**
- **The headwaters of West Branch Beaverdam Creek begin in the field in Section 1 of Grimes Township.**

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



PLANNING AND ZONING

Cerro Gordo County Courthouse

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John Robbins, Planning and Zoning Administrator

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July 27, 2020

TO: Board of Supervisors

CC: Dan Ries, Senior Environmental Health Specialist

FROM: John Robbins

SUBJECT: Manure Management Plan Update for JCT (Jon Caspers)

Gentlemen:

This office is in receipt of a manure management plan update for the JCT site, located in the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 1, Grimes Township (6221 Finch Avenue). The update states that crop rotation or optimum yields have changed and manure analysis is being used to determine application rates.

Manure will be applied on 8 fields totaling 705.9 acres. The number of acres on which manure will be applied is unchanged from the previous year. The fields are shown on the attached aerial photo. Manure will be applied at varying rates in crop years 2020-2021. None of the fields contain highly erodible land.

The floodplain of Ditch No. 70 and its tributaries runs through the field in Section 34, Union Township and Section 13, Grimes Township. The West Branch Beaver Dam Creek runs between the two fields in the NE $\frac{1}{4}$ of Section 1, Grimes Township. Runoff is less of a concern since manure will be knifed in or injected into the soil.

The fields on which manure will be applied are adjacent to two federal wildlife management areas (WMA). The field in Section 34 of Union Township are adjacent to the Union Hills WMA and the fields in the NE $\frac{1}{4}$ of Section 1 of Grimes Township are adjacent to the Beaverdam Creek WMA. The field in the E $\frac{1}{2}$ of the SW $\frac{1}{4}$ of Section 13, Grimes Township abuts the north city limits of Thornton and wraps around the west and north sides of a cemetery. This field is within a half-mile of Ingebretson County Park and Campground and Pleasant Valley Golf Course. The Ring-Neck Wildlife Area west of Thornton is about $\frac{1}{2}$ -mile southwest of the field in Section 13 of Grimes Township.

There are about 15 rural dwellings within $\frac{1}{2}$ -mile of the fields on which manure will be applied, not including those inside Thornton city limits. There may be odor impacts on these residences and the nearby public areas on days that manure is applied.

The confinement site, the field in Section 13 of Grimes Township, the field in the NW ¼ of Section 1 of Grimes Township, and the field in Section 34 of Union Township are accessed from a gravel road. All of the other fields can be accessed from paved roads. Gravel roads may be damaged if manure is hauled over them following periods of wet weather or when frost boils are emerging.

In summary, my concerns with the manure management plan update are the proximity of the fields to two federal WMAs; the proximity of dwellings to the fields on which manure will be applied; the proximity of the field in Section 13, Grimes Township to four public use areas and the city limits of Thornton; and possible damage to gravel roads.

Please contact me if you have any questions.

Attachment



2020 MMP Short Form for Annual Update

Facility

JCT Site # 58441
6221 Finch Ave
Thornton, IA 50477

Date Due:
07/01/2020

Date Received:
06/23/2020

Date Approved:
06/26/2020

Owner

Jon Caspers
Carol Caspers
Tom Floy

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 :

- 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

Animal Type	Total AUC	Total Amount
	1536.00	\$230.40

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

Comments