



February 9, 2024

JON GINGERICH
3266 F-52 TRAIL
PARNELL, IOWA 52325

SUBJECT: Animal Feeding Operation (AFO) Compliance Inspection for – Jon Gingerich Farm,
County –Iowa, – Facility #58585

Dear Mr. Gingerich:

Attached is a copy of the report resulting from the Animal Feeding Operation (AFO) facility compliance inspection on February 8, 2024.

Your attention is directed to the requirements and recommendations portion of the report.

If you have any questions, or feel this report does not represent the conditions at your facility, please call me at 319-653-2135.

Sincerely,

Jeff Thomann, Environmental Specialist
Jeffrey.thomann@dnr.iowa.gov
Field Services and Compliance Bureau

c: -FOCD AFO #58585

enc: -AFO Facility Inspection Report
-MMP inspection form

N\jthoman\af02024\af0 mmp inspection Jon Gingerich Farm 58585 2-24

IOWA DEPARTMENT OF NATURAL RESOURCES AFO INSPECTION REPORT

FACILITY DESCRIPTION

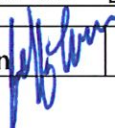
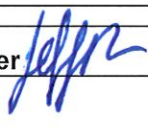
FACILITY LOCATION	Facility: Jon Gingerich Farm			Facility ID#: 58585	
	3266 F-52 Trail	Parnell	State: IA	52325	
	PLSS: Section 2, Greene Township (T78N, R9W), Iowa, County				
OWNER	Same				
ANIMAL HOUSING TYPE	☒ Confinement ☐ Open Lot ☐ Combined (Confinement & Open Lot)				
ANIMAL INFORMATION	Animal Type(s)	Capacity	Current Head	Number of Bldgs./Pens	
	Swine	2480	2480	4	
	Date of Construction: 1950;s		Date of Expansion: 1978 and 1997		

INSPECTION INFORMATION

INSPECTION DATE	This Inspection February 8, 2024	Last Inspection: MMP inspection 7-2014
PERSONS INTERVIEWED	Name: Jon Gingerich	Title: Owner
	Name:	Title:
	Name:	Title:
NEAREST WATERCOURSE	Stream Name: Tributary to Old Mans Creek	
	Description of Flow Path: Overland through crop fields to tributary	

COMPLIANCE SUMMARY

OBSERVATIONS	Nutrient Management: ☐ CNMP ☐ NMP ☒ MMP ☐ Other No formal plan		
	Manure Stockpiling: ☐ In controlled area ☐ In compliance with rules ☒ Not applicable – direct haul ☐ Stockpiling in an uncontrolled area	Mortality Management: Rendering ☒ Composting ☐ Incineration ☐ On-site burial ☐ Landfill	Runoff from Feed Storage: ☒ No outdoor feed storage area ☐ Discharge from feedstock storage area is controlled ☐ Feed storage is located in an uncontrolled area
	Clean Water Diverted: ☒ Yes ☐ No	Discharge to a Water of the U.S. via Manmade Conveyance: ☐ Yes ☒ No	Direct Animal Contact with Waters of the U.S.: ☐ Yes ☒ No
	Adjacent Facilities (by same owner/operator): ☐ Confinement ☐ Open Lot ☒ None		
	Evidence of Discharges: ☐ Yes ☒ No No evidence of discharge on the day of the inspection		
NPDES PERMIT STATUS	The facility, as observed during the inspection, was a Medium afo and did not need an NPDES permit. NPDES permit is required: ☐ Yes ☒ No		
COMPLIANCE STATUS	This facility appeared to be in compliance with Iowa's environmental regulations at the time of the inspection. Actual conditions may vary over time with the operation and maintenance of the facility. Facility is in compliance: ☒ Yes ☐ No		

AUTHENTICATION	Inspector: Jeff Thomann 	Date: 2-9-24	Reviewer: Jeff Prier 	Date: 2/19/24
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IOWA DEPARTMENT OF NATURAL RESOURCES
AFO INSPECTION REPORT

FACILITY EVALUATION

The facility consists of 4 deep pit confinement buildings. The buildings are surrounded by a crop field.

Manure Storage Structure

During my ride-around, I observed your manure storage structure appears to adequately contain manure with no evidence of manure discharges. The manure storage structure also appears to be structurally sound. I recommend you inspect for discharges and needed repairs regularly, as confinement feeding operations must contain all manure produced between periods of application. Any discharges may require a National Pollutant Discharge Elimination System (NPDES) permit for the operation.

Bulk Bins

During my ride-around, I observed feed is contained in a bulk bin feed system. The bins, feed tubes and various attachments appear to be intact and effectively containing feed. Inspect this part of the operation frequently, as runoff water could carry spilled feed into a water course where it could create violations of state water quality standards. Discharge of such pollutants would potentially require a National Pollutant Discharge Elimination System (NPDES) permit.

Dead Animal disposal

During the ride around, I observed the facility's dead animal composting area. The composting area was maintained and no dead animal parts were visible. The composting area appeared to have an adequate cover of bulking material. I did not observe any indication of leachate or ponding of water in this area.

Livestock mortalities must be incorporated into the composting process within 24 hours of death. An adequate base layer (from 12 to 24 inches thick, depending on the size and number of mortalities) with 6 to 12 inches of bulking agent between carcasses and finish covering the dead animals with a minimum of 30 inches of cover material shall be maintained around carcasses at all times to control leachate and to prevent access by scavenging animals.

Bio-Security

I followed the approved DNR bio-security policy.

REQUIREMENTS

Maintain the facility in good working order.

SUMMARY

The facility appeared well maintained.

The facility, as observed during the inspection, was a Medium afo and did not need an NPDES permit.



IOWA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL SERVICES DIVISION



AFO Facility Inspection Checklist

Facility Name: Jon Gingenich Farm

ID#: 58585

Date: 2-8-24

MMP Review

	Yes	No	N/A
1. MMP updates submitted on time in last five years?	☐	☒	☐
2. MMP Page 1. Manure concentration/production correct (using both actual or table values)?	☒	☐	☐
3. MMP Page 2. Using appropriate manure nitrogen availability (ISU or other credible sources)?	☒	☐	☐
4. MMP Page 2. Commercial fertilizer applications accounted for?	☒	☐	☐
5. MMP Page 2. Application rate calculations are correct?	☒	☐	☐
6. MMP Page 2. Fields with P index >2.0 have planned application of less than 2X P removal rate?	☒	☐	☐
7. MMP Page 3. MMP shows adequate acreage to apply manure?	☒	☐	☐
8. MMP Page 3. Manure application agreements in place for all fields not owned or rented?	☐	☐	☒
9. P index/RUSLE2 calculations appear to be correct?	☒	☐	☐
10. P Index Sediment Trap and Filter Factors, if credited are appropriate?	☒	☐	☐
11. Are the application fields in another MMP?	☐	☒	☐

Records Review

	Yes	No	N/A
12. 5 years of records on site?	☒	☐	☐
13. Rate calculation factors (yield, N credits, remaining N needed, N content & avail, max rate)?	☒	☐	☐
14. Date & method of manure application, application rate, and location?	☒	☐	☐
15. Manure test result used was less than 4 years old at time of application?	☒	☐	☐
16. Manure applied at or below maximum allowed rate?	☒	☐	☐
17. Commercial N & P records kept for fields receiving manure?	☒	☐	☐
18. All fields that received manure are/were in MMP?	☒	☐	☐
19. Statement of intent for fields not owned or rented?	☐	☐	☒
20. Manure always applied by certified applicator?	☒	☐	☐
21. All soil samples are <4 years old?	☒	☐	☐
22. 1 sample/10 acres of field?	☒	☐	☐
23. Correct soil test method & laboratory used?	☒	☐	☐

Site Inspection

	Yes	No	N/A
24. All site separation distances appear to be met (wells, residences, designated areas, etc)?	☒	☐	☐
25. Manure storage structure(s) free of excessive cracking or other defects?	☒	☐	☐
26. Site free of indications of past manure discharges (dead grass, etc)?	☒	☐	☐
27. Adequate freeboard maintained where required?	☐	☐	☒
28. Pit fan transitions are appropriate design/installation?	☒	☐	☐
29. Site has groundwater monitoring port/shutoff or surface outlet? (Required if permitted after May 1999; unpermitted sites after Sep 2010)	☐	☐	☒

Mortalities

	Yes	No	N/A
30. Temporary storage area for rendering creating no obvious water quality issues?	☐	☐	☒
31. Compost facility meets minimum separation distances?	☒	☐	☐
32. Compost is on all-weather surface (concrete, asphalt, compacted granular, compacted soil)?	☒	☐	☐
33. Compost operation meets requirements of Chapter 105 (no exposed carcasses, leachate, etc)?	☒	☐	☐
34. Finished compost stored less than 18 months?	☒	☐	☐

Construction Permit (if applicable)

	Yes	No	N/A
35. All conditions of construction permit are being met?	☐	☐	☒
36. Authorization to use granted?	☐	☐	☒

Comments

SPECIALIST NAME

ON-SITE CONTACT

DATE

2-8-24