ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
Livestock Facility Inspection Checklist

GENERAL INFORMATION

TYPE OF INSPECTION:
☒ CAFO ☐ COMPLAINT ☐ RECONNAISSANCE ☐ ERU FOLLOW UP ☐ OPERATOR REQUEST ☐ OTHER

FACILITY NAME (LLC, Inc., Corp, Partnership, sole proprietorship, etc.)	INSPECTION DATE	ARRIVAL TIME
R & J Grain & Livestock, Inc.	**5-5-11**	**9:30 a.m.**

ADDRESS	INSPECTOR(s)	DEPARTURE TIME
32443 210th Avenue	**David Ginder**	**12:31 p.m.**

CITY	STATE	ZIP CODE	ACCOMPANIED BY (if applicable)
Rockport	**Illinois**	**62370**	**NA**

LEGAL DESCRIPTION	COUNTY	SECTION	TOWNSHIP	RANGE	TEMPERATURE	PRECIPITATION TYPE
	Pike	**SW1**	**6S**	**5W**	**52°F - 62°F**	**NA**

Facility Owner(s):	NAME	CONTACTED	PHONE	MOBILE
Exemption 6 and Exemption 7(C) [redacted]	**Rick & Jackie** Exemption 6 and Exe [redacted] **Williams**	☒ YES ☐ NO	Exemption 6 and Exemption 7(C) [redacted]	
	ADDRESS	CITY	STATE	ZIP CODE
	NAME	CONTACTED ☐ YES ☐ NO	PHONE	MOBILE
	ADDRESS	CITY	STATE	ZIP CODE

Facility Operator(s):	NAME	CONTACTED	PHONE	MOBILE
Exemption 6 and Exemption 7(C) [redacted]		☐ YES ☐ NO		
	ADDRESS	CITY	STATE	ZIP CODE
	NAME	CONTACTED ☐ YES ☐ NO	PHONE	MOBILE
	ADDRESS	CITY	STATE	ZIP CODE

NPDES PERMIT INFORMATION (If no NPDES Permit, skip this section)

1. What type of NPDES permit has been issued? ☐ Individual NPDES Permit ☐ General NPDES Permit	NPDES #	
2. What date was the NPDES permit issued?		
3. What date does the NPDES permit expire?		
4. Is a copy of the NPDES permit onsite?	☐ YES	☐ NO
5. Permitted number of animal units?		
6. Does the NPDES Permit contain a compliance schedule?	☐ YES	☐ NO
7. Have there been any changes made to the production area since the permit was issued?	☐ YES	☐ NO

If "YES", provide a detailed description of those changes.

None

LAND APPLICATION/NUTRIENT MANAGEMENT		
1. How many TOTAL acres are available for land application? **1300** acres		
2. How many acres are READILY available for land application at the time of inspection? **230** acres		
3. Estimated annual quantities of liquid waste **1.7 MG** gallons		
4. Estimated annual quantities of solid waste **NA** tons		
5. Does the facility have a contractor perform land application? If "YES", Name of Contractor: **Bruce Duesterhaus**	☒ YES	☐ NO
6. What type of land application equipment is available to the facility? ☒ Umbilical Injection ☐ Honeywagon Injection ☐ Honeywagon Surface ☐ Irrigation ☐ Rotational Gun ☐ Manure Spreader ☐ Vegetative Filter ☒ Other **Aerway**		
7. Does the facility calibrate the land application equipment? If "YES", What method is used? **Commercial applicator uses radar and flow meter. Facility uses known application volume over a known application area.**	☒ YES	☐ NO
8. Does the facility land apply within the 150 foot setback from any water well? If "YES", Explain	☐ YES	☒ NO
9. Does the facility land apply within the 200 foot setback from any surface water? If "YES", Explain	☐ YES	☒ NO
10. Does the facility land apply near any residences? If "YES", Explain **Near some of the residences of the operator's family and a few other residences. Inject waste when possible, Aerway tool used on a limited basis.**	☒ YES	☐ NO
11. Is livestock waste transferred off-site to another party? If "YES", Are records of manure transfers kept? If "YES", Ask to see records	☐ YES ☐ YES	☒ NO ☐ NO
12. Does the facility have a current NMP or CNMP? If "YES", Does the facility maintain a copy of the nutrient management plan (NMP) onsite?	☒ YES ☒ YES	☐ NO ☐ NO
13. Does the NMP reflect the current operational characteristics (number of animals, cropping, etc.)?	☒ YES	☐ NO
14. Are the number of acres owned/leased consistent with those in the NMP?	☒ YES	☐ NO
15. Is manure and wastewater being applied in accordance with setback/buffer requirements of the NMP?	☒ YES	☐ NO
16. Are all of the records identified in the NMP being maintained and kept current?	☒ YES	☐ NO
17. Are records being maintained at the required frequency?	☒ YES	☐ NO
18. Are records being maintained onsite for the period required by NMP and/or NPDES permit?	☒ YES	☐ NO
19. Is the NMP adequately addressing the storage, handling and application of manure and wastewater to prevent discharges to waters of the U.S.?	☒ YES	☐ NO

LIVESTOCK FACILITY DESCRIPTION

Facility Type	
☒ Total Confinement Buildings	☐ Open Earthen Feedlot
☐ Open Confinement Buildings	☐ Vegetated Pasture
☐ Open Concrete Feedlot	☐ Other _____

Type of Animals	**Number of Animals (currently)**	**Capacity**	**Type of Confinement**
SWINE < 55 LBS	**Near capacity**	**1,200**	**Total conf. - shallow pits**
SWINE > 55 LBS	**Near capacity**	**3,200**	**Total conf. - shallow pit**

Does the facility have an Illinois Certified Livestock Manager (300 or greater animal units)?	☐ N/A	☒ YES	☐ NO
If greater than 1000 animal units but less than 5000 animal units, does the facility have a waste management plan?	☐ N/A	☒ YES	☐ NO
If greater than 5000 animal units, has the facility submitted a waste management plan to IDOA for review?	☒ N/A	☐ YES	☐ NO
Does the facility have any other locations under common ownership, or where equipment and/or manure is shared, or where the other site shares land application sites? If so, put names and addresses below. **None**		☐ YES	☒ NO

LIVESTOCK WASTE STORAGE

1. Does the facility have any existing livestock waste containment system? ☒ YES ☐ NO
   If NO, then proceed to question 10.

2. General description of the waste containment system (include solid and liquid manure handling, mortality, and feed storage areas).
   Shallow pit to primary lagoon cell.

   Feed is enclosed in bulk bins.

   Deads are composted within concrete bins (walls and floor) - to direct potential runoff to the primary cell. May also roof the composting bins.

Type of Storage	Total Storage Capacity (Specify Units)
☒ Anaerobic Lagoon	**3 MG**
☐ Covered Lagoon	
☐ Holding Pond	
☐ Above Ground Storage Tank ("Slurrystore")	
☐ Below Ground Storage Tank	
☐ Settling Basin	
☐ Roofed Storage Shed	
☐ Concrete Pad	
☐ Impervious Soil Pad	
☒ Underfloor Pits	
☐ Anaerobic Digester	
☐ Manure Stacks	
☐ Vegetative Filter	
☐ Other _____	
☐ None	

3. Do the storage structures have depth markers or staff gauges? ☐ YES ☒ NO

4. Are levels of manure in the storage structures recorded and records kept? ☐ YES ☒ NO

5. Do the storage structures have adequate freeboard? ☒ YES ☐ NO

6. Estimated final stage storage structure freeboard **>120** in.

7. Do facility personnel perform routine visual inspections of the storage structures? ☒ YES ☐ NO

8. Are the routine visual inspections documented? ☐ YES ☒ NO

9. Does the system have an outfall or discharge point? ☐ YES ☒ NO

If "YES", please provide a description (overflow pipe, spill way, etc. Include a description the area receiving the discharge).
Emergency spillway at the primary lagoon cell.

10. Are there any portions of the production area where runoff is not controlled? ☒ YES ☐ NO

If "YES", provide a detailed description of the area(s) of concern:
Dead animal composting structure - to direct runoff to the primary lagoon cell and may roof.

MORTALITIES MANAGEMENT

1. How are mortalities managed? (Composted, buried, burned, rendering service, other)
Composted - concrete bins (walls and floors)

2. Are mortalities documented and are records kept? ☐ YES ☒ NO

FACILITY WATER SOURCES

1. What type of method is used to provide drinking water for the animals?

   ☐ Overflow waters ☐ Tip Tanks ☒ Nipple waters ☐ Water Bowls ☐ Other _____

2. How is the water for animals obtained?

   ☐ Community PWS ☒ On-Site Well ☐ On-Site Impoundment ☐ Other _____

3. Is a mist cooling system used? ☒ YES ☐ NO

   How is mist water contained?

   Enters the shallow pits.

DAIRY OPERATION (If No Dairy, skip this section)

1. How many times per day are cows milked? _____

2. Describe how the dairy's non-contact cooling water is contained (Example: it is reused for drinking water for the animals).

   None

3. Describe how the milking parlor is cleaned (hose or flush) and where the process wastewater goes and how it is contained.

   None

4. Describe how the tank(s) are washed and where the process wastewater goes and how it is contained.

   None

5. Describe where process wastewater from the plate cooler goes and how it is contained.

   None

BEDDING (If No Bedding, skip this section)

1. Describe what type of bedding is used for the animals.

   None

2. Describe how bedding is collected and how often.

   None

3. What is done with the used bedding? ☐ Reused ☐ Land Applied

MANURE COLLECTION

1. How is manure collected?

   ☒ Under Floor Pit
   ☐ Scraped: ☐ Automatic ☐ Manual
   ☐ Flush
   ☐ Solids Separator
   ☐ Other: _____
   ☐ None

2. If manure collection system uses either clean or reused water to flush, describe where this water goes and how it is contained.

   None

FEED STORAGE CONTAINMENT

1. Describe how feed (silage, hay, etc) is contained.

   ☒ Bulk Bins
   ☐ Silage Pit
   ☐ Ag Bags
   ☐ Hay: ☐ Barn ☐ Outdoor
   ☐ Other: _____

2. Describe how feed (silage, hay, etc) runoff is contained.

   ☒ Not Applicable – Feed totally enclosed
   ☐ Other: _____
   ☐ None

RECEIVING SURFACE WATERS

1. Provide a description of the flow path from the facility to the nearest named surface water.

   Potential runoff will travel through grassed areas, a gravel driveway and/or cropground prior to entering surface water.

2. What is the name of the receiving stream?

   Unnamed tributary to Dutch Creek

3. Status of the named surface water: ☒ Intermittent ☐ Perennial

4. Are any unnatural bottom deposits observed in the receiving stream: ☐ YES ☒ NO

   If "YES", provide a description of the deposits: **None**

DISCHARGES		
1. Have there been any documented discharges of livestock waste to surface water ***in the past year***? If "NO" proceed to question 2.	☐ YES	☒ NO
a. If "YES", specify the date(s).		
b. What was the reason for the discharge?		
c. Was the discharge the result of a 25 year-24 hour rainfall event?	☐ YES	☐ NO
d. What was the precipitation amount? *(if applicable)*		
e. Was IEMA notified of the discharge?	☐ YES	☐ NO
f. Has the facility taken corrective action to remedy the situation which caused the discharge(s)?	☐ YES	☐ NO
If "YES", describe actions taken: **None**		
2. Is the facility currently discharging livestock waste from the production area? If "NO" proceed to next section.	☐ YES	☒ NO
b. Was the discharge the result of a 25 year-24 hour rainfall event?	☐ YES	☐ NO
c. What was the precipitation amount? *(if applicable)*		
d. What is the reason for the discharge?		

OTHER COMMENTS/NOTES

New protective footwear worn. Atlas TWP. Dutch Creek (KCF)/149/CF/7

Exemption 6 and Exemption 7(C) [redacted] **Richie (present during inspection) and Eric are involved in the swine operation.**

CNMP prepared by Dennis Godar - Man Plan Typically no winter spreading. Observe setback at tile riser inlets.

Feed mill located south of confinement buildings - enclosed.

[redacted]

Discussed repair of berm at pipeline from nursery and advised that a FB marker should be installed.

No discharges observed during the site visit. CAFO Permit coverage is not necessary at this time.

Attachment 1 - Plat map location **Attachment 2 - Aerial photograph of site layout**

Will an inspection report be attached? ☐ YES ☒ NO

INSPECTOR'S SIGNATURE	REPORT DATE
David P. Ginder	6-24-11

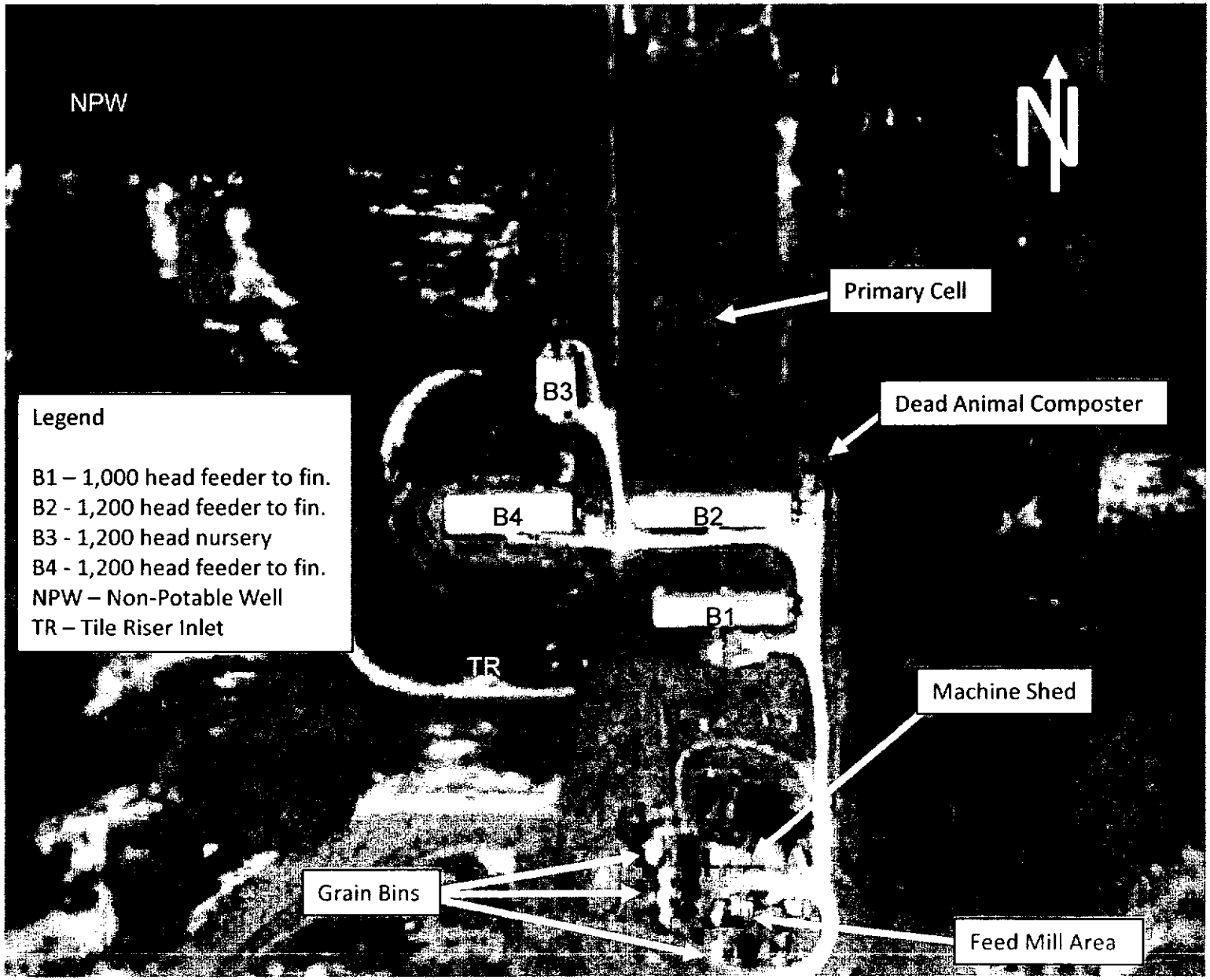
Attachment 1

NORTHEAST PART ATLAS R+J Grain + Livestock, Inc. T.6S.-R.5W.

Exemption 6 and Exemption 7(C)

[redacted]

Attachment 2
R & J Grain & Livestock, Inc. (149CF) - Site Layout - 5/5/11 CAFO Inspection



Google Earth – 2011
Photo Date: 01/28/09