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
Seaman Pork	**4-21-11**	**8:53 a.m.**

ADDRESS	INSPECTOR(s)	DEPARTURE TIME
9636 N. Bluff Springs Road	**David Ginder**	**12:37 p.m.**

CITY	STATE	ZIP CODE	ACCOMPANIED BY (if applicable)
Beardstown	**Illinois**	**62618**	**NA**

LEGAL DESCRIPTION	COUNTY	SECTION	TOWNSHIP	RANGE	TEMPERATURE	PRECIPITATION TYPE
	Cass	**NW 16**	**17N**	**11W**	**42°F - 52°F**	**NA**

	NAME	CONTACTED	PHONE	MOBILE
Facility Owner(s): Exemption 6 and Exemption 7(C) [redacted]	**Mike & Laura Seaman**	☒ 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): Exemption 6 and Exemption 7(C) [redacted]	NAME	CONTACTED ☐ YES ☐ NO	PHONE	MOBILE
	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? **722** acres		
2. How many acres are READILY available for land application at the time of inspection? **50** acres		
3. Estimated annual quantities of liquid waste **1.0-1.2 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: **DP Pumping (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 **Travelling Gun**		
7. Does the facility calibrate the land application equipment? If "YES", What method is used? **Commerical applicator uses a flow meter. Also know rate by number of gallons applied to a known application acreage.**	☒ 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 **<1/4 mile to west and approximately 1/4 mile to east - inject with dragline.**	☒ 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	**1**	**4000**	**Open lot**

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 pits to a two-stage lagoon. Lagoon installed in 1989. Primary cell 6 to 8 feet deep. Secondary cell 4 feet deep. No formal sludge removal to date. Primary cell agitated during land application. Pump from Secondary Cell to Primary cell during agitation.

   Deads are buried in accordance with the Illinois Dead Animal Disposal Act. Feed stored within enlcosed bulk bins.

Type of Storage	Total Storage Capacity (Specify Units)
☒ Anaerobic Lagoon	
☐ 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 **24** 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).
Primary cell has an emergency spillway - has never discharged.

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:
None

MORTALITIES MANAGEMENT

1. How are mortalities managed? (Composted, buried, burned, rendering service, other)
Buried in accordance with the Illinois Dead Animal Disposal Act.

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 manure pits. Formerly used in open lots (open lots no longer used and to be removed) and the cooling water evaporated or entered the sandy soil.

DAIRY OPERATION (If No Dairy, skip this section)

1. How many times per day are cows milked? **NA**

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.

   A sand ridge and levee surround the livestock facility. Runoff enters the surrounding farm fields and seeps into the sandy soil or evaporates. Sometimes have to use a lift pump to pump rainwater over the levee to drain the farm ground. Only one time has ponding water from a storm been observed in the field to the east of the facility - in 1996 they had 7.5 inches of rain in 2.5 hours.

2. What is the name of the receiving stream?

   Lost Creek (DZB4)

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: **Not observed - no solids at sump to pump over levee.**

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.
Bluffs Springs (S) TWP.
DZB4(Lost Creek)/017/BH/7
Lat. 40°00'51.45"N Long. 90°20'14.14"W
Exemption 6 and Exemption 7(C)
CNMP prepared by Dan Kinker, United Feeds Griggsville (Home office in Indiana)
Typically no winter spreading - if they have to, apply to alfalfa at a low rate - winter months deep pits transferred to primary cell.
Open lot gilt - 4H project - to tear out open lots this summer and sow with alfalfa, will eventually irrigate from secondary cell to the established alfalfa - will inject secondary cell water into irrigation system like 28%.

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	6/21/11

Cc: BOW/DWPC/RU

Attachments: 2

Attachment 1

8 Bluff Springs (S)

Exemption 6 and Exemption 7(C)

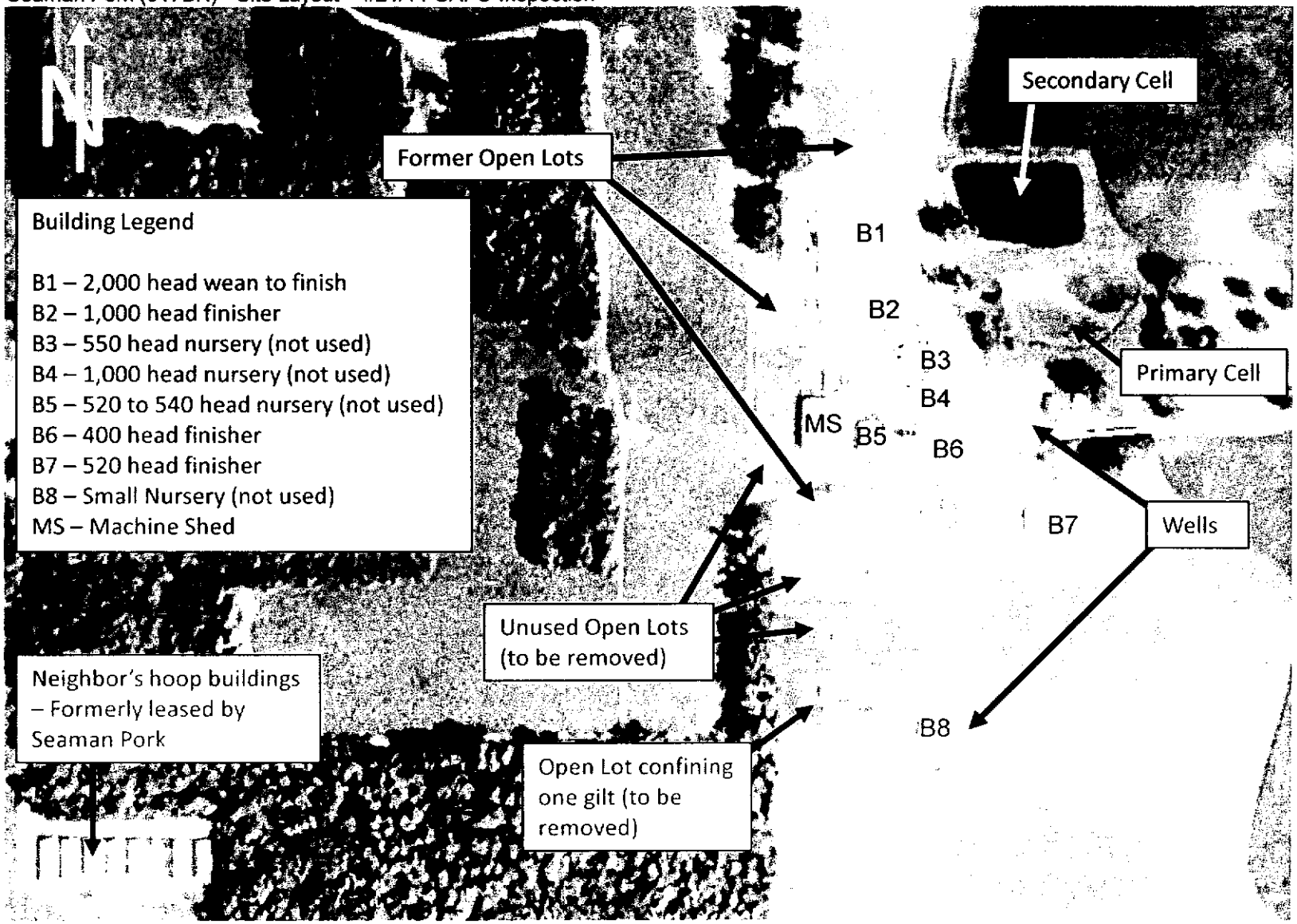
[redacted]

University of Illinois Extension, Cass/Schuyler Unit, is here to help you put knowledge to work to lead safer, healthier, smarter and more prosperous lives. We help nurture our youth through 4-H and in-school enrichment, and partner to strengthen our communities and make them better places to live.

Some of our accomplishments this past year include:

- Working with key leaders to increase economic development.
- Working on a website for JEPC Steering Committee.
- Planning a "Meet Your Legislator Day" at JEPC.
- Updating the visitors' brochure and guide to local businesses.

Attachment 2
Seaman Pork (017BH) - Site Layout - 4/21/11 CAFO Inspection



Google Earth – 2011
Photo Date: 06/28/09