



**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

*We Protect Hoosiers and Our Environment.*

100 N. Senate Avenue • Indianapolis, IN 46204  
(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

**Eric J. Holcomb**  
*Governor*

**Brian C. Rockensuess**  
*Commissioner*

June 28, 2024

**VIA E-MAIL**

Ms. Robin Ridgway  
Purdue University  
5675 West 600 North  
West Lafayette, IN 47906  
rnr Ridgway@purdue.edu

Re: **Inspection Summary Letter**  
Purdue University ASREC  
FID 719  
West Lafayette, Tippecanoe County

Dear Ms. Ridgway:

On June 28, 2024, a representative of the Indiana Department of Environmental Management, Office of Land Quality, conducted an inspection of the above-referenced Purdue University Animal Sciences Research & Education Center, located at West Lafayette, Indiana. This inspection was conducted pursuant to IC 13-14-2-2. For your information, and in accordance with IC 13-14-5, a summary of the inspection is provided below:

Type of Inspection: Routine  
Results of Inspection: No violations were observed (see attached inspection report).

Please direct any questions regarding this letter to Michael Hall, (317) 296-0602 or mchall@idem.in.gov.

Sincerely,

Charles P. Grady, Section Chief  
Confined Feeding Operation Compliance  
Office of Land Quality

Enclosure

cc: Tippecanoe County Health Department  
Jeff Fields – jfields@purdue.edu



**CFO  
INSPECTION  
REPORT**  
INDIANA DEPARTMENT OF  
ENVIRONMENTAL  
MANAGEMENT

Inspector's Name:	Mike Hall	
Others Present	Robin Ridgeway	Director of Environmental Health and Safety Regulatory Compliance
	Jeff Fields	Operations Manager
	Scott Draschil	IDEM
Date:	6/27/2024	
Time In:	9:45 AM	
Time Out:	1:30 PM	

**General Information**

**Inspection Type**

Inspection Type	CFO Routine
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**Facility Information**

Facility Name:	Facility Name: Purdue University Animal Sciences Research & Education Center
Facility Location:	Street Address: 5675 W CR 600 N City: West Lafayette State: IN Zip Code: 47906 County: Tippecanoe
Facility Mailing Information:	Mailing Address: 5530 ACRE Lane Mailing City: West Lafayette Mailing State: IN Mailing Zip Code: 47906
Facility Contact Information:	Contact Person: Robin Mills Ridgway Contacts Phone Number: 765-496-6405 Contact Mobile Phone Number: 765-490-1167 Contact E-mail Address: rmidgway@purdue.edu
Owner Contact Information	Owner Name: Robin Mills Ridgway Owner Phone Number: 765-496-6405 Owner Mobile Phone Number: 765-490-1167 Owner E-mail Address: rmidgway@purdue.edu

**Facility ID**

Log Number	719
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**Animal Types**

Animals Present	<ul style="list-style-type: none"> <li>Finishers</li> <li>Sows</li> <li>Nursery Pigs</li> <li>Boars</li> <li>Dairy Cattle</li> <li>Dairy Calves</li> <li>Beef Cattle</li> <li>Layers</li> <li>Pullets</li> <li>Broilers</li> <li>Sheep</li> </ul>
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**Manure Management Systems**

Type of Manure Management System	<ul style="list-style-type: none"> <li>Earthen Waste Treatment Lagoon System</li> <li>Below Ground Liquid Storage Tank</li> <li>Above Ground Liquid Storage Tank</li> <li>Poultry Barn with Dry Litter Storage</li> <li>Concrete Pad</li> <li>Impervious Soil Pad</li> </ul>
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Approved Structures	
Number of Permitted Structures	48
Number of Observed Structures	48
Outstanding Issues	
Last Inspection Date:	6/30/2021
Previous Violation(s):	<input type="radio"/> Yes <input checked="" type="radio"/> No

### Checklist

<b>Discharge and Spill Requirements</b> <input type="checkbox"/> Unpermitted Discharge <input type="checkbox"/> Spill Not Reported <input type="checkbox"/> Spills Not Managed	<b>Approval and Performance Standards</b> <input type="checkbox"/> No Valid Approval <input type="checkbox"/> Approval Condition <input type="checkbox"/> Access Denied
<b>Operational Standards</b> <input type="checkbox"/> Maintenance and Operation <input type="checkbox"/> Improper Freeboard <input type="checkbox"/> Markers Not Maintained <input type="checkbox"/> Unapproved Manure Storage <input type="checkbox"/> Self Monitoring <input type="checkbox"/> Earthen Berm Not Maintained <input type="checkbox"/> Removal of Accumulated Solids <input type="checkbox"/> Vegetation Management System <input type="checkbox"/> Feedlot Run-Off <input type="checkbox"/> Transport & Handling <input type="checkbox"/> Mortality Management	<b>Manure Application Activities</b> <input type="checkbox"/> Staging <input type="checkbox"/> Run-Off <input type="checkbox"/> Ponding <input type="checkbox"/> Spray Irrigation Operation <input type="checkbox"/> Transport and Handling <input type="checkbox"/> Emergency Application, Snow and Frozen Ground <input type="checkbox"/> Manure Applied from Roadway <input type="checkbox"/> Manure Applied to Erodible Soils <input type="checkbox"/> Manure Applied to Saturated Soils
<b>Operating Record</b> <input type="checkbox"/> Requirements <input type="checkbox"/> Farmstead Plan <input type="checkbox"/> Manure Management Plan <input type="checkbox"/> Ground Water Monitoring <input type="checkbox"/> Storm Water Pollution Prevention Plan Certification <input type="checkbox"/> Certification by a Registered Professional Engineer <input type="checkbox"/> Construction Requirements <input type="checkbox"/> Self Monitoring Records <input type="checkbox"/> Emergency Response Plan <input type="checkbox"/> Land Use Agreements <input type="checkbox"/> Justification of Nitrogen Losses <input type="checkbox"/> Land Application Records for 5 Years <input type="checkbox"/> Emergency Land Application of Manure <input type="checkbox"/> Spill Documentation <input type="checkbox"/> Spray Irrigation Plan <input type="checkbox"/> Land Application Monitoring Activities <input type="checkbox"/> Marketing and Distribution Records for 5 Years <input type="checkbox"/> Maintenance Activities on Liquid Manure Storage Facilities <input type="checkbox"/> Setback Waivers <input type="checkbox"/> Approvals	<b>Land Application Records</b> <input type="checkbox"/> Required Acreage for Manure Application <input type="checkbox"/> Manure and Soil Testing <input type="checkbox"/> Apply at Agronomic Rate <input type="checkbox"/> Land Application Records <input type="checkbox"/> Marketing & Distribution <input type="checkbox"/> Information Sheets
<b>Storm Water Management</b> <input type="checkbox"/> Applicability <input type="checkbox"/> Storm Water Management	<b>Exiting Program</b> <input type="checkbox"/> Decommissioning Storage Facility <input type="checkbox"/> Exiting the Program Requirements <input type="checkbox"/> Closing the Operation

### General Comments

This was a routine inspection.

**The facility's permit expires on 8/14/2024, and the renewal submission deadline is 7/15/2024.**

IDEM inspectors first met on-site with farm representatives Jeff Fields, and Robin Ridgway for a review of the operating records. All required documentation was present and up to date. The manure was sampled on 3/28/2024, and the soil samples were dated 11/19/2022. All of the manure was land applied at appropriate agronomic rates, based on the documentation provided. The facility has a Category 14 Business license from the State Chemist.

After the records review, a visual inspection of the facility was conducted. Vegetation was established and well maintained where required. The production buildings were in good condition, and were being properly managed. The vegetation around the lagoons was established and well maintained. All lagoons had adequate freeboard, and visible freeboard markers.

Mortalities are incinerated on-site, but larger animals are rendered.

### Description of Violations and Further Actions

The findings noted in this report do not include a compliance evaluation for the submittal of required construction notifications, construction affidavits, facility change notifications, as-built plans, waste storage structure closures, and special compliance monitoring reports or data.

#### Inspection Documentation

Photograph's Taken	<input type="radio"/> Yes <input checked="" type="radio"/> No
Map(s)	<input type="radio"/> Yes <input checked="" type="radio"/> No
GPS Location Collected	<input type="radio"/> Yes <input checked="" type="radio"/> No
Field Screening Conducted	<input type="radio"/> Yes <input checked="" type="radio"/> No
Lab Sample	<input type="radio"/> Yes <input checked="" type="radio"/> No

#### Inspection Results/Actions

Bio-Security	IDEM Bio-Security Policy Level 2 observed during time of inspection.
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#### Finalize Inspection

Written Summary of Inspection	No operational/maintenance concerns were observed at the time of inspection.
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Inspector Information	Inspector:	Mike Hall
	Phone Number:	(317) 296-0602
	Email Address:	mchall@idem.in.gov

**From:** [Fields, Jeffrey L](#)  
**To:** [Martin, Bradley A](#); [rmridgway@purdue.edu](mailto:rmridgway@purdue.edu)  
**Cc:** [health@tippecanoe.in.gov](mailto:health@tippecanoe.in.gov); [Hall, Michael C](#)  
**Subject:** RE: Purdue University ASREC - Confined Feeding Inspection Report  
**Date:** Friday, June 28, 2024 11:22:51 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image009.png](#)  
[image010.png](#)  
[image011.png](#)  
[image012.png](#)  
[image003.png](#)

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Hello Brad,

I have received our CFO inspection report.

Thank you!

Jeff Fields  
Assistant Director of ASREC  
Purdue Animal Science Research Center  
5530 ASREC Lane  
West Lafayette, IN 47906  
Office: (765)496-7283  
Cell: (765)426-5708  
Email: [jfields@purdue.edu](mailto:jfields@purdue.edu)

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**From:** Martin, Bradley A <[BAMartin@idem.IN.gov](mailto:BAMartin@idem.IN.gov)>  
**Sent:** Friday, June 28, 2024 9:03 AM  
**To:** [rmridgway@purdue.edu](mailto:rmridgway@purdue.edu)  
**Cc:** [health@tippecanoe.in.gov](mailto:health@tippecanoe.in.gov); [Fields, Jeffrey L <jfields@purdue.edu>](mailto:jfields@purdue.edu); [Hall, Michael C <MHall@idem.IN.gov>](mailto:MHall@idem.IN.gov)  
**Subject:** Purdue University ASREC - Confined Feeding Inspection Report

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---- **External Email:** Use caution with attachments, links, or sharing data ----

Attached is the Confined Feeding Inspection Report for Purdue University ASREC. Please respond to this email to confirm your receipt of this document.

Brad Martin



Administrative Assistant | Compliance Branch  
Office of Land Quality  
Indiana Department of Environmental Management

(317) 234 6923 | [Bamartin@idem.IN.gov](mailto:Bamartin@idem.IN.gov)

