

**BEFORE THE ILLINOIS POLLUTION CONTROL BOARD**

<b>Porcine Farms, LLC</b>	)	
<b>(Property Identification Number</b>	)	<b>PCB 17-</b>
<b>03-001-006-00)</b>	)	<b>(Tax Certification)</b>
	)	
	)	

**NOTICE**

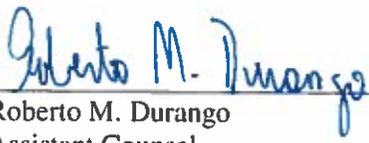
Steve Santarelli  
Illinois Department of Revenue  
101 West Jefferson  
Post Office Box 19033  
Springfield, Illinois 62794

Don Brown, Clerk  
Illinois Pollution Control Board  
James R. Thompson Center  
100 West Randolph Street, Suite 11-500  
Chicago, Illinois 60601

Porcine Farms, LLC  
22 Knox Road  
Galesburg, IL 61401

**PLEASE TAKE NOTICE** that I have today filed with the Office of the Clerk of the Pollution Control Board the **APPEARANCE** and **RECOMMENDATION OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**, a copy of which is herewith served upon you.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By:   
Roberto M. Durango  
Assistant Counsel  
Division of Legal Counsel

DATED: June 1, 2017

Illinois Environmental Protection Agency  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276  
(217) 782-5544

**THIS FILING IS SUBMITTED ON RECYCLED PAPER**

**BEFORE THE ILLINOIS POLLUTION CONTROL BOARD**

<b>Porcine Farms, LLC</b>	)	
<b>(Property Identification Number</b>	)	<b>PCB 17-</b>
<b>03-001-006-00)</b>	)	<b>(Tax Certification)</b>
	)	

**APPEARANCE**

The undersigned, as one of its attorneys, hereby enters an APPEARANCE on behalf of Respondent, Illinois Environmental Protection Agency.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By:  \_\_\_\_\_  
Roberto M. Durango  
Assistant Counsel  
Division of Legal Counsel

DATED: June 1, 2017

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<b>Porcine Farms, LLC</b>	)	
<b>(Property Identification Number</b>	)	<b>PCB 17-</b>
<b>03-001-006-00)</b>	)	<b>(Tax Certification)</b>
	)	
	)	

**RECOMMENDATION OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**

The Illinois Environmental Protection Agency (Illinois EPA) hereby files its Recommendation pursuant to Section 125.204(a) of the regulations of the Illinois Pollution Control Board (the Board), 35 Ill. Adm. Code 125.204(a).

1. On January 3, 2017, the Illinois EPA received a request from Porcine Farms, LLC (log number TC-137308, Exhibit A) for an Illinois EPA recommendation regarding the tax certification of water pollution control facilities pursuant to Section 125.204(a) of the Board's regulations, 35 Ill. Adm. Code 125.204(a).
2. The facility's address is: Porcine Farms, LLC  
1790 180th Street  
Galesburg, Illinois 61438
3. The proposed water pollution control facilities in this request are located at Section 1, T10N, R1W of the 4th P.M. in Warren County, at the above street address and consist of the following:

Livestock waste management facilities for the South Building consisting of a concrete pit (approximately 236.1 ft. x 51.2 ft. x 8 ft. deep) with six (6) concrete pump-outs (approximately 5 ft. x 6 ft. x 8 ft. deep), a PVC perimeter tile drain (approximately 4 in. wide x 2 in. tall x 578.5 ft. in length) and slotted floors over the pit.

Livestock waste management facilities for the North Building consisting of a concrete pit (approximately 229.1 ft. x 51.2 ft. x 8 ft. deep) with six (6) concrete pump-outs (approximately 5 ft. x 6 ft. x 8 ft. deep), a PVC perimeter tile drain (approximately 4 in. wide x 2 in. tall x 561 ft. in length) and slotted floors over the pit.

4. These livestock waste management facilities are used to collect, transport and/or store livestock wastes prior to cropland application, and are further described in Exhibit A.
5. Section 11-10 of the Property Tax Code, 35 ILCS 200/11-10 (2014), and Section 125.200(a)(1) of the Board's regulations, 35 Ill. Adm. Code 125.200(a)(1), define pollution control facilities as:

[A]ny system, method, construction, device or appliance appurtenant thereto or any portion of any building or equipment, that is designed, constructed, installed or operated for the primary purpose of: eliminating, preventing, or reducing air or water pollution, as the terms "air pollution" and "water pollution" are defined in the Act; or treating, pretreating, modifying or disposing of any potential solid, liquid or gaseous pollutant which if released without treatment, pretreatment, modification or disposal might be harmful, detrimental or offensive to human, plant or animal life, or to property.

6. If it is found that the claimed facility or relevant portion thereof is a pollution control facility as defined in Section 125.200(a)(1) of the Board's regulations, 35 Ill. Adm. Code 125.200(a)(1), the Board has the authority to enter a finding and issue a certificate to that effect, pursuant to Section 11-20 of the Property Tax Code, 35 ILCS 200/11-20 (2014) and Section 125.216 of the Board's regulations, 35 Ill. Adm. Code 125.216.

7. Pursuant to Section 125.204(a) of the Board's regulations, 35 Ill. Adm. Code 125.204(a), if the Illinois EPA receives a tax certification application it must file a recommendation on the application with the Board.
8. Based on the information in the application and the purpose of the facilities, it is the Illinois EPA's engineering judgment that the described facilities may be considered pollution control facilities, with the primary purpose of eliminating, preventing, or reducing water pollution, or as otherwise provided in Section 125.200(a)(1) of the Board's regulations, 35 Ill. Adm. Code 125.200(a)(1), and are eligible for tax certification from the Board.

WHEREFORE, the Illinois EPA recommends that the Board issue the requested tax certification.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

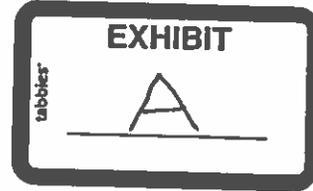
By:   
Roberto M. Durango  
Assistant Counsel  
Division of Legal Counsel

Dated: June 1, 2017  
Illinois Environmental Protection Agency  
1021 North Grand Ave. E.  
P.O. Box 19276  
Springfield, Illinois 62794-9276  
(217) 782-5544



## ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397  
BRUCE RAUNER, GOVERNOR ALEC MESSINA, DIRECTOR



# Memorandum

To: Charles Gunnarson, Division of Legal Counsel

From: Al Keller, Manager, Permit Section *AKK*

Date: May 22, 2017

Re: Porcine Farms, LLC  
Attn: Brian Robinson  
22 Knox Road  
Galesburg, IL 61401  
Recommendation of Tax Certification  
Log # TC-137308  
Property ID # 03-001-006-00

The Bureau of Water received a request on January 3, 2017 from Porcine Farms, LLC for an Illinois EPA recommendation regarding the tax certification of water pollution control facilities pursuant to 35 Ill. Adm. Code 125.204. We offer the following recommendation.

The water pollution control facilities in this request include the following:

Porcine Farms, LLC  
1790 180<sup>th</sup> Street  
Galesburg, IL 61438

Section 1, T10N, R1W of the 4<sup>th</sup> PM in Warren County

For the South Building, livestock waste management facilities consist of a concrete pit (approximately 236.1 ft. x 51.2 ft. x 8 ft. deep) with six (6) concrete pump outs (approximately 5 ft. x 6 ft. x 8 ft. deep), a PVC perimeter tile drain (4 in. wide by 2 in. tall and approximately 578.5 ft. in length), and slotted floors over the pit. These livestock waste management facilities are used to collect, transport, and/or store livestock waste prior to cropland application.

For the North Building, livestock waste management facilities consist of a concrete pit (approximately 229.1 ft. x 51.2 ft. x 8 ft. deep) with six (6) concrete pump outs (approximately 5 ft. x 6 ft. x 8 ft. deep), a PVC perimeter tile drain (4 in. wide by 2 in. tall and approximately 561 ft. in length), and slotted floors over the pit. These livestock waste management facilities are used to collect, transport, and/or store livestock waste prior to cropland application.

These facilities are further described in the enclosed applications and supporting documents.

Based on the information included in this submittal, it is our engineering judgment that the above proposed facilities may be considered "Pollution Control Facilities" under 35 IAC 125.200(a), with the primary purpose of eliminating, preventing, or reducing water pollution, or as otherwise provided in this section, and therefore eligible for tax certification from the Illinois Pollution Control Board. The Bureau of Water therefore recommends that the Board issue the requested tax certification for these facilities.

Page No. 2  
Log TC-137308

If you have any questions regarding the above, please contact Jenny Larsen at 217/782-0610.

SAK:JML:Tax Certs\Livestock\TC-137308.docx

cc: Tax Cert File

## Watershed Unit Tax Certification Review Sheet

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Project Name: Porcine Farms, LLC

Location: Galesburg, IL

Reviewer: Jenny Larsen

Date: 1/19/2016

Log number: TC-137308

Type:  Agchem  
 Livestock

Applicant:  
Brian Robinson  
22 Knox  
Erie, IL 61250

Contact: Ruth McGrew

Phone: (309)341-9223

Facility:  
1790 180<sup>th</sup> Street  
Galesburg, IL 61438

Property ID: 03-001-006-00

County: Warren

Legal Description:  
S: 1 T: 10N R: 1W PM: 4<sup>th</sup>

Signature: Brian Robinson

Title: President

Date Control Devices installed: 12/01/2016

Wastes:  Livestock waste is applied to cropland.  
 Agrichemical rinsate and spillage is recycled through the facility and/or land applied.  
 Other: \_\_\_\_\_

### Physical Description of Pollution Control Devices:

**South Building:** This facility consists of a concrete manure pit (approximately 236.1 ft. x 51.2 ft. x 8 ft. deep, details obtained from application for certification for South Building), six concrete pump out ports (approximately 5 ft. x 6 ft. x 8 ft. deep, details obtained from Ruth McGrew per 01/27/17 email), a PVC perimeter tile drain (2 in. x 4 in. and approximately 578.5 ft. long, details obtained from Ruth McGrew per 1/27/17 email and correction given in email from Ruth McGrew per 1/27/17 email) and slotted floors over the pit to collect swine waste. The manure is pumped out of the pits and applied to the fields as crop fertilizer. Manure Process Flow Diagram submitted by Ruth McGrew in 5/19/17 email. The north and south building above the pit and slotted floors were withdrawn from the application by Ruth McGrew per 5/18/2017 email. The application was only for water pollution control certification and not air pollution control stated by Ruth McGrew in 05/18/17 email.

**North Building:** This facility consists of a concrete manure pit (approximately 229.1 ft. x 51.2 ft. x 8 ft. deep, details obtained from application for certification for North Building), six concrete pump out ports (approximately 5 ft. x 6 ft. x 8 ft. deep, details obtained from Ruth McGrew per 01/27/17 email), a PVC perimeter tile drain (2 in. x 4 in. and approximately 561 ft. long, details obtained from Ruth McGrew per 1/27/17 email) and slotted floors over the pit to collect swine waste. The manure is pumped out of the pits and applied to the fields as crop fertilizer. Manure Process Flow Diagram submitted from Ruth McGrew in 5/19/17 email. The north and south building above the pit and slotted floors were withdrawn from the application by Ruth McGrew per 5/18/2017 email. The

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application was only for water pollution control certification and not air pollution control stated by Ruth McGrew in 05/18/17 email.

The primary purpose for these structures is to contain livestock waste thereby preventing contaminated water runoff.

Recommended Action: Permit the above mentioned structures.

**Larsen, Jenny**

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**From:** Ruth Ann McGrew <ruthann.mcgrew@fbfm.org>  
**Sent:** Friday, May 19, 2017 10:20 AM  
**To:** Larsen, Jenny  
**Subject:** RE: [External] RE: Porcine Farms, LLC

Dear Jenny,

The north building above the pit and slats is being withdrawn from the pollution control certification.  
The south building above the pit and slats is being withdrawn from the pollution control certification.

Thank you.

*Ruth Ann McGrew*  
Western FBFM Association  
446 East Main Street, P. O. Box 93  
Bushnell, IL 61422  
Office - 309-772-9251  
Cell - 309-341-6223  
Fax - 309-422-4334  
e-mail - ruthann.mcgrew@fbfm.org

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**From:** Larsen, Jenny [mailto:Jenny.Larsen@illinois.gov]  
**Sent:** Thursday, May 18, 2017 2:51 PM  
**To:** Ruth Ann McGrew <ruthann.mcgrew@fbfm.org>  
**Subject:** RE: [External] RE: Porcine Farms, LLC

For item number two I would just like a statement saying you are withdrawing the North and South buildings from your application for pollution control certification.  
Thanks,

*Jenny Larsen, P.E.*  
Illinois Environmental Protection Agency  
Bureau of Water  
Permit Section  
(217)785-3438

**From:** Ruth Ann McGrew [mailto:ruthann.mcgrew@fbfm.org]  
**Sent:** Thursday, May 18, 2017 2:42 PM  
**To:** Larsen, Jenny <Jenny.Larsen@illinois.gov>  
**Subject:** [External] RE: Porcine Farms, LLC

Dear Jenny Larsen,

In item number two I am not sure what you are wanting. Are you wanting to remove the reference to the North and South building from the description of the concrete pits and slated floors? If so do you want me to resubmit the application page 2?

The applications were only for water pollution control not air.

We are getting the process flow diagram.

Thank you.

*Ruth Ann McGrew*  
Western FBFM Association  
446 East Main Street, P. O. Box 93  
Bushnell, IL 61422  
Office - 309-772-9251  
Cell - 309-341-6223  
Fax - 309-422-4334  
e-mail - [ruthann.mcgrew@fbfm.org](mailto:ruthann.mcgrew@fbfm.org)

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**From:** Larsen, Jenny [<mailto:Jenny.Larsen@illinois.gov>]  
**Sent:** Wednesday, May 17, 2017 1:02 PM  
**To:** Ruth Ann McGrew <[ruthann.mcgrew@fbfm.org](mailto:ruthann.mcgrew@fbfm.org)>  
**Subject:** Porcine Farms, LLC

Ruth Ann,

Please submit the following items that are needed to continue the review of the tax certification application for Porcine Farms, LLC:

1. Process flow diagram describing the pollution control facility
2. Withdraw the North and South Building from the request for pollution control certification
3. Clarify whether or not you wish for air pollution control equipment to be certified. If so, provide a description of equipment and a process flow diagram.

If you need any clarity on the above items please feel free to call me at 217-785-3438.

Thanks,

*Jenny Larsen, P.E.*

Illinois Environmental Protection Agency  
Bureau of Water  
Permit Section  
(217)785-3438

## Manure Process Flow Diagram

Brick Farm Pork LLLP

1. Swine Produce Manure that Falls through Slatted Floor into a Secure Manure Basin.



2. Manure is Pumped into Injector Wagon.



3. Injector Wagon Injects Manure 4-6" Underground to Both Place Nutrients Where They Are Needed and to Avoid Runoff.



4. Swine Manure Provides Excellent Nutrition for Crop Growth.



**Larsen, Jenny**

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**From:** Ruth Ann McGrew <ruthann.mcgreg@fbfm.org>  
**Sent:** Friday, January 27, 2017 2:54 PM  
**To:** Larsen, Jenny  
**Subject:** [External] Porcine Farms Applications North and South Buildings

Dear Jenny Larsen,

The South Building has six pump outs that message 5ft x 6ft each with concrete 8 ft. tall walls and solid concrete floors. There is drain tile around the building in the name of Form A Drain product. It is made of PVC and 2in x 4in 561ft long.

We are asking for both applications to cover the concrete pits, walls, slated floors, pump outs, and drain tile around buildings for the North Building and the South Building.

<sup>North</sup>  
The South Building has six pump outs that message 5ft x 6ft each with concrete 8 ft. tall walls and solid concrete floors. There is drain tile around the building in the name of Form A Drain product. It is made of PVC and 2in x 4in 561ft long.

We are asking for both applications to cover the concrete pits, walls, slated floors, pump outs, and drain tile around buildings for the North Building and the South Building.

Thank you for your assistance regarding this, and please confirm receipt of this email.

Sincerely,

*Ruth Ann McGrew*  
Western FBFM Association  
446 East Main Street, P. O. Box 93  
Bushnell, IL 61422  
Office – 309-772-9251  
Cell – 309-341-9223  
Fax – 309-422-4334  
e-mail – [ruthann.mcgreg@fbfm.org](mailto:ruthann.mcgreg@fbfm.org)

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**Larsen, Jenny**

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**From:** Ruth Ann McGrew <ruthann.mcgrew@fbfm.org>  
**Sent:** Tuesday, January 31, 2017 10:04 AM  
**To:** Larsen, Jenny  
**Subject:** RE: [External] Porcine Farms Applications North and South Buildings

Dear Jenny,

The south building would have 578 ½ Ft of PVC pipe length. The North building would be the 561 Ft.  
Sorry for the confusion.

Please let me know if you need anything else.

*Ruth Ann McGrew*

Western FBFM Association

446 East Main Street, P. O. Box 93

Bushnell, IL 61422

Office - 309-772-9251

Cell - 309-341-6223

Fax - 309-422-4334

e-mail - [ruthann.mcgrew@fbfm.org](mailto:ruthann.mcgrew@fbfm.org)

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**From:** Larsen, Jenny [<mailto:Jenny.Larsen@illinois.gov>]  
**Sent:** Tuesday, January 31, 2017 8:08 AM  
**To:** Ruth Ann McGrew <[ruthann.mcgrew@fbfm.org](mailto:ruthann.mcgrew@fbfm.org)>  
**Subject:** RE: [External] Porcine Farms Applications North and South Buildings

Ruth,

The dimensions given in your previous email, were they for just the South Building or is one for the North Building as well? Also, you have the PVC pipe length as 561 ft. for (North and South?) both buildings even that the South Building has a slightly longer length than the North Building. Please clarify.

Thanks,

*Jenny Larsen*

Environmental Protection Engineer

Illinois Environmental Protection Agency

Bureau of Water

Permit Section

(217)785-3438



# Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

## Application for Certification (Property Tax Treatment) Pollution Control Facility

### FOR AGENCY USE ONLY

File Number: _____	Date Rec'd: _____
Certification Number: _____	Date: _____

Facility Type (check one):  Air  Water

This form is to be used for any application for certification of property tax treatment for a pollution control facility for air or water from the Illinois EPA. Separate applications must be completed for each control facility claimed. Do not mix types (air and water). Where both air and water operations are related, file two applications.

If attachments are needed, record them consecutively on an index sheet.

You may complete this form online, save a copy locally, print, sign and submit it to:

Illinois EPA  
 Attention: Al Keller, Permit Section  
 Division of Water Pollution Control  
 1021 North Grand Avenue East, P.O. Box 19276  
 Springfield, IL 62794-9276

**RECEIVED**  
 JAN 03 2017  
 IEPA  
 BOW/WPC/PERMIT SECTION

### I. Applicant Information:

Company Name: <u>Porcine Farms, LLC</u>	Person to Contact _____
Person Authorized to Receive Certification: <u>Brian Robinson</u>	for Additional Details _____
Street Address: <u>22 Knox Road</u>	Street Address: _____
City: <u>Galesburg</u> State: <u>IL</u>	City: _____ State: _____
Zip: <u>61401</u> Phone: <u>309-337-1600</u>	Zip: _____ Phone: _____
Email Address: <u>porcinefarmsllc@gmail.com</u>	Email Address: _____

### II. Facility Information:

Facility Location: Quarter Section: 1 Township: 10N Range: 1W  
 Municipality: \_\_\_\_\_ Township: Floyd

Note: A plat map location is requested for facilities located outside of municipal boundaries.

Address: 1790 180th Street City: Galesburg  
 State: IL Zip Code: 61438 County: Warren Book Number: \_\_\_\_\_

Property Index Number: 03-001-006-00

Note: The Property Index Number is the numerical reference used to identify a parcel of real property for assessment and taxation purposes.

### Manufacturing Operations Information:

Nature of Operations Conducted at the Above Location:

Agricultural production specifically swine confinement for commercial slaughter.

### Permit Information:

WPC Construction Permit Number: <u>N/A</u>	Date Issued: _____
NPDES Permit Number: <u>N/A</u>	Date Issued: _____ Exp. Date: _____
APC Construction Permit Number: <u>N/A</u>	Date Issued: _____
APC Operating Permit Number: <u>N/A</u>	Date Issued: _____ Exp. Date: _____

Note: Submit copies of all relevant permits issued by local pollution control agencies. (e.g. MSD Construction Permit)

*This Agency is authorized to request this information under 415 ILCS 5/4(b)(2012). Disclosure of this information is voluntary and no penalties will result from the failure to provide the information. However, the absence of the information could prevent your application from being processed or could result in denial of your application.*

**Manufacturing Process Information:**

Please provide information on the manufacturing process and materials on which pollution control facility is used, including each major piece of equipment associated with the pollution control facility (or low sulfur dioxide emission coal fueled device).  
Description of the Process:

South Building is a 12088 square foot swine finishing building with 8 foot deep concrete manure pit under all of building complete with concrete slat floor over full manure pit.

**Materials Used in the Process:**

Materials used are described in detail in attachments. South building 236.1 foot x 51.2 foot concrete slated floor over the concrete pit for waste control.

**Pollution Control Facility Information:**

Please provide a narrative description of the pollution control facility (or low sulfur dioxide emission coal fueled device), and an explanation of why its primary purpose is to eliminate, prevent or reduce pollution. State the type of control facility, as well as a narrative description and a process flow diagram describing the pollution control facility. Include an average analysis of the influent and effluent of the control facility stating the collection efficiency, if applicable.

Describe the Pollution Control Facility (or Low Sulfur Dioxide Emission Coal Fueled Device):

South building 236.1 foot x 51.2 foot concrete slated floor over the concrete pit for waste control.

Describe the Primary Purpose of the Pollution Control Facility (or Low Sulfur Dioxide Emission Coal Fueled Device):

South building 236.1 foot x 51.2 foot concrete slated floor over the concrete pit for waste control.

Identify the statute or regulation (federal or state), or local ordinance, if any, requiring the installation of the subject pollution control facility (or low sulfur dioxide emission coal fueled device).

**Nature of Contaminants or Pollutants:**

List air contaminants or water pollution substances released as effluents to the manufacturing processes. Also list the final disposal of any contaminants removed from the manufacturing processes.

Contaminant or Pollutant	Material Retained, Captured or Recovered	
	Description	Disposal or Use
Air and runoff pollutants.	Swine manure-liquid and solids.	Applied to cropland using mechanical pump and injector system.

Note: Contaminant or pollutant means that which is removed from the process by the pollution control facility.



# AP EXPERT CONTROL

## VENTILATION

STAGE	DESCRIPTIONS
R1	24" PIT FAN
R2	OPEN
R3	36" TUNNEL FAN
R4	36" TUNNEL FAN
R5	54" TUNNEL FAN
R6	54" TUNNEL FAN
R7	INLET CLOSE
R8	INLET OPEN
R9	OPEN
R10	OPEN
R11	OPEN
R12	OPEN
R13	STIR FANS
R14	HEATERS
R15	BROODER
R16	SPRINKLER
R17	TUNNEL CURTAIN CLOSE
R18	TUNNEL CURTAIN OPEN
R19	NATURAL CURTAIN CLOSE
R20	NATURAL CURTAIN OPEN

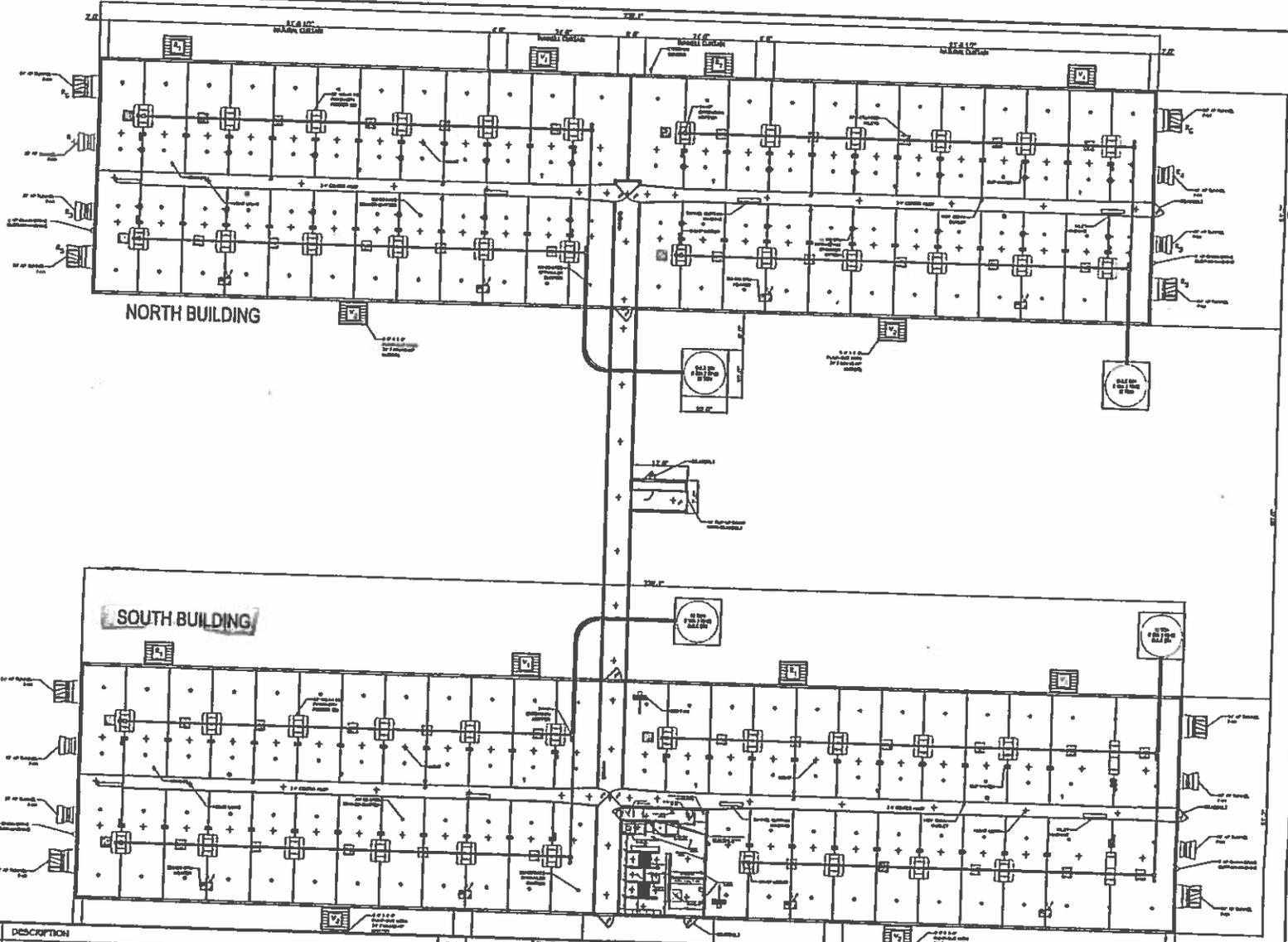
### VARIABLES

STAGE	DESCRIPTIONS
1	(1) V1 FAN
2	(1) V2 FAN

### SAFETY THERMOSTATS

V1	PIT FAN
R3	TUNNEL FAN
	HEATERS
	CURTAIN DROPS

- (7) LB WHITE 250,000 BTU PILOT LIGHT HEATERS PER ROOM
- ⊙ (12) LB WHITE INFRARED BROODER COUPLERS PER ROOM
- ⊞ (12) AP AC3-2708 ACTIVATED CEILING INLETS PER ROOM
- ⊕ (14) 3/4" DEGREE SPRINKLER OR SOAKERS EMITTERS PER ROOM
- (2) HIGH PRESSURE BALL VALVES PER ROOM
- ⊕ (24) SPIRAL FLUORESCENT LIGHTS PER ROOM
- ⊕ (9) SPIRAL FLUORESCENT NIGHT LIGHTS PER ROOM
- ⊙ (8) SENSORS PER ROOM
- ⊙ (1) 220V POWER WASHER/WELDER OUTLET PER ROOM



REFERENCE JOB #	REFERENCE JOB TITLE	REV	DESCRIPTION	BY	DATE

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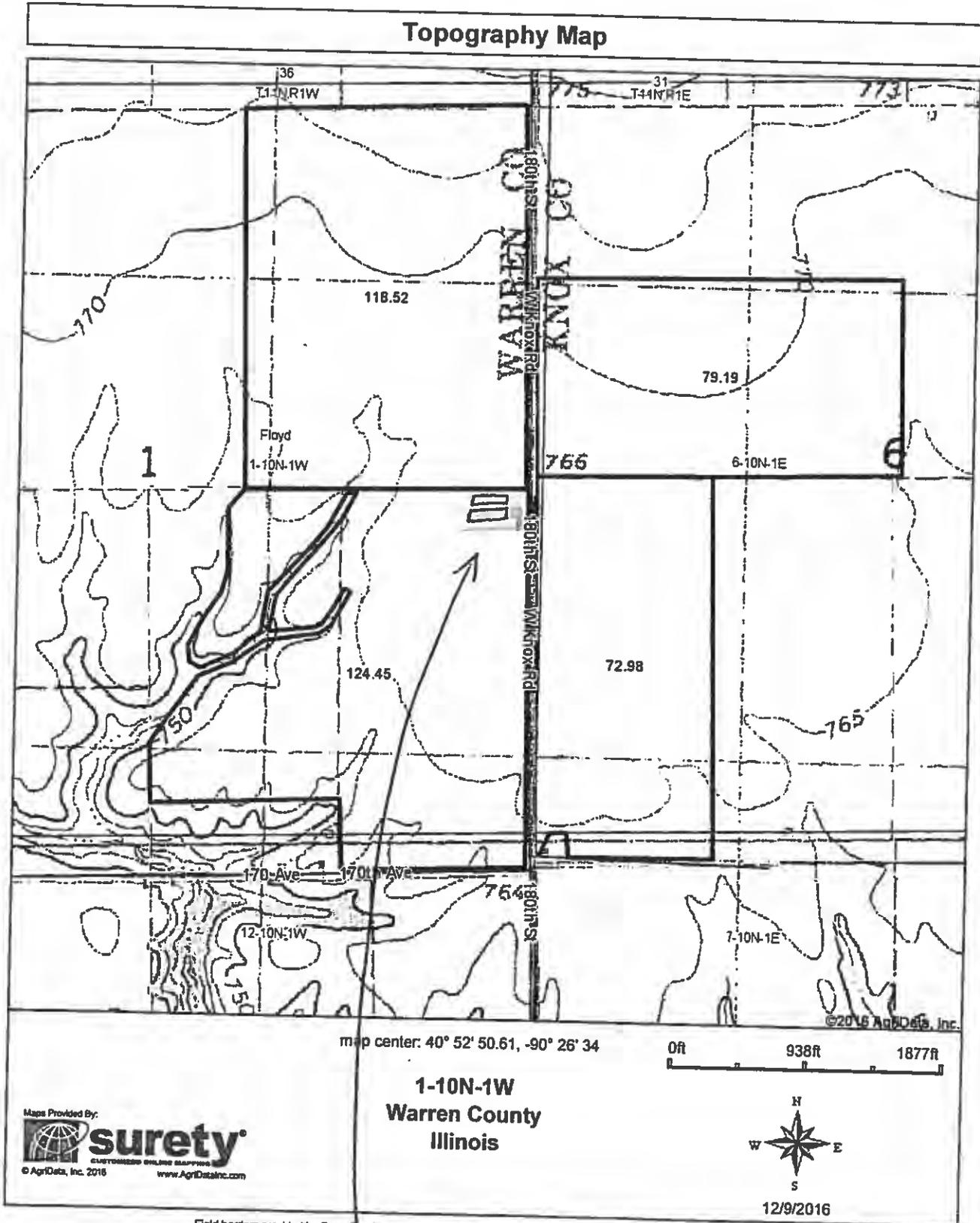
(2) 1200 HEAD WEAR TO FINISH FACILITIES WITH CONNECTING HALL FOR BRIAN ROBINSON

**PRECISION STRUCTURES INC**  
 1204 1ST AVE NORTH, WILLIAM, IOWA  
 51464-2300

DATE: 1/27/17  
 DRAWN BY: JLF  
 CHECKED BY: JLF  
 SCALE: 1/4" = 1'-0"

Electronic Filing: Received, Clerk's Office 6/1/2017 \*\*\* PCB 2017-074 \*\*\*

*8' pit*



LOCATION OF BUILDINGS

Maps Provided By:  
  
 CUSTOMER ONLINE MAPPING  
 © AgriData, Inc. 2016 www.Agridatainc.com

Field borders provided by Farm Service Agency as of 5/21/2008. Soils data provided by University of Illinois at Champaign-Urbana.

**Bureau of Environmental Programs**

State Fairgrounds • P.O. Box 19281 • Springfield, IL 62794-9281 • 217/785-2427 (voice/TDD) • Fax 217/524-4882  
Pesticide Misuse Hotline 1-800-641-3934 (voice/TDD)

**LIVESTOCK WASTE PROGRAM  
INITIAL NOTICE OF CONSTRUCTION PLAN COMPLETENESS  
Non-Lagoon Livestock Waste Handling Facility**

**Registrant:**

Porcine Farms, LLC  
22 Knox Road 1400 North  
Galesburg, IL 61401

**Facility Location:**

Cameron, IL

**Facility ID#**

LF1870220000

**Date Issued:** June 8, 2016

A Notice of Non-Lagoon Construction Plan Completeness is hereby granted to the above-designated registrant to construct two livestock waste handling facilities *as stated in the construction plan application submitted to the Department as follows:*

Construction of two livestock waste handling facilities that shall have the following dimensions:

Maximum Length =	229 feet
Maximum Width =	51 feet
Maximum Depth =	8 feet
Design Capacity =	90,000 ft <sup>3</sup>

Maximum Length =	238 feet
Maximum Width =	51 feet
Maximum Depth =	8 feet
Design Capacity =	94,000 ft <sup>3</sup>

*Pursuant to 35 Illinois Administrative Code 506.304 (c), these structures shall include a perimeter foundation drain, which must include a sampling port to allow for quarterly sampling pursuant to 8 Illinois Administrative Code 900.511.*

The construction plan for the aforementioned structures has been reviewed and deemed complete by the Illinois Department of Agriculture pursuant to the Livestock Management Facilities Act (Act), 510 Illinois Compiled Statutes 77/13.

Pursuant to 510 ILCS 77/13(g), an initial site inspection was conducted by a representative of the Department on April 6, 2016.

Please be advised that, pursuant to the Act and rule, the Department shall make additional site inspections during the construction and post-construction phase and shall require modifications when necessary to ensure the project shall be in compliance with the requirements of the regulation. **Please notify the**

Facility ID # LF1870220000

June 8, 2016

**Department at least 5 days prior to the commencement of construction.**

Further, pursuant to 510 ILCS 77/13(f), upon completion of construction but prior to the placing of the structures in service, the owner or operator shall certify to the Department that the structures have been constructed or modified in accordance with the requirements of the Act and rule and that the information provided during the submittal process is correct. The Department, upon receipt of the completion of construction certification shall inspect the construction site to determine compliance with the construction standards of the Act and rule. Upon completion of this inspection, the Department shall send an official written notice to the owner or operator of the facility, indicating that the structures have met the standards of the Act and rule and that they may be placed into service or identifying the remedial measures necessary to enable the structures to be in compliance.

Please be advised that this letter is not to be construed as a release from any other federal, state or local laws or regulations. If you have any questions or comments, please contact us at 217-785-2427.

Sincerely,

**ILLINOIS DEPARTMENT OF AGRICULTURE**

John Teefey  
Bureau Chief, Environmental Programs

Douglas C. Owens, Manager  
Livestock Management Facilities Program

cc: File  
Deana Poe, IEPA

LF187022cpack



# Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

## Application for Certification (Property Tax Treatment) Pollution Control Facility

### FOR AGENCY USE ONLY

File Number: _____	Date Rec'd: _____
Certification Number: _____	Date: _____

Facility Type (check one):  Air  Water

This form is to be used for any application for certification of property tax treatment for a pollution control facility for air or water from the Illinois EPA. Separate applications must be completed for each control facility claimed. Do not mix types (air and water). Where both air and water operations are related, file two applications.

If attachments are needed, record them consecutively on an index sheet.

You may complete this form online, save a copy locally, print, sign and submit it to:

Illinois EPA  
 Attention: Al Keller, Permit Section  
 Division of Water Pollution Control  
 1021 North Grand Avenue East, P.O. Box 19276  
 Springfield, IL 62794-9276

**RECEIVED**  
 JAN 03 2017  
 BOW/WPC/PERMIT SECTION  
 IEPA

### I. Applicant Information:

Company Name: <u>Porcine Farms, LLC</u>	Person to Contact for Additional Details _____
Person Authorized to Receive Certification: <u>Brian Robinson</u>	Street Address: _____
Street Address: <u>22 Knox Road</u>	City: _____ State: <u>IL</u>
City: <u>Galesburg</u>	Zip: _____ Phone: <u>309-337-1600</u>
Zip: <u>61401</u>	Email Address: _____
Email Address: <u>porcinefarmsllc@gmail.com</u>	

### II. Facility Information:

Facility Location: Quarter Section: 1 Township: 10N Range: 1W  
 Municipality: \_\_\_\_\_ Township: Floyd

Note: A plat map location is requested for facilities located outside of municipal boundaries.

Address: 1790 180th Street City: Galesburg  
 State: IL Zip Code: 61438 County: Warren Book Number: \_\_\_\_\_

Property Index Number: 03-001-006-00

Note: The Property Index Number is the numerical reference used to identify a parcel of real property for assessment and taxation purposes.

### Manufacturing Operations Information:

Nature of Operations Conducted at the Above Location:

Agricultural production specifically swine confinement for commercial slaughter.

### Permit Information:

WPC Construction Permit Number: <u>N/A</u>	Date Issued: _____
NPDES Permit Number: <u>N/A</u>	Date Issued: _____ Exp. Date: _____
APC Construction Permit Number: <u>N/A</u>	Date Issued: _____
APC Operating Permit Number: <u>N/A</u>	Date Issued: _____ Exp. Date: _____

Note: Submit copies of all relevant permits issued by local pollution control agencies. (e.g. MSD Construction Permit)

*This Agency is authorized to request this information under 415 ILCS 5/4(b)(2012). Disclosure of this information is voluntary and no penalties will result from the failure to provide the information. However, the absence of the information could prevent your application from being processed or could result in denial of your application.*

**Manufacturing Process Information:**

Please provide information on the manufacturing process and materials on which pollution control facility is used, including each major piece of equipment associated with the pollution control facility (or low sulfur dioxide emission coal fueled device).  
Description of the Process:

North Building is a 11730 square foot swine finishing building with 8 foot deep concrete manure pit under all of building complete with concrete slat floor over full manure pit.

**Materials Used in the Process:**

Materials used are described in detail in attachments. North building 229.1 foot x 51.2 foot concrete slated floor over the concrete pit for waste control.

**Pollution Control Facility Information:**

Please provide a narrative description of the pollution control facility (or low sulfur dioxide emission coal fueled device), and an explanation of why its primary purpose is to eliminate, prevent or reduce pollution. State the type of control facility, as well as a narrative description and a process flow diagram describing the pollution control facility. Include an average analysis of the influent and effluent of the control facility stating the collection efficiency, if applicable.

Describe the Pollution Control Facility (or Low Sulfur Dioxide Emission Coal Fueled Device):

North building 229.1 foot x 51.2 foot concrete slated floor over the concrete pit for waste control.

Describe the Primary Purpose of the Pollution Control Facility (or Low Sulfur Dioxide Emission Coal Fueled Device):

North building 229.1 foot x 51.2 foot concrete slated floor over the concrete pit for waste control.

Identify the statute or regulation (federal or state), or local ordinance, if any, requiring the installation of the subject pollution control facility (or low sulfur dioxide emission coal fueled device).

**Nature of Contaminants or Pollutants:**

List air contaminants or water pollution substances released as effluents to the manufacturing processes. Also list the final disposal of any contaminants removed from the manufacturing processes.

Contaminant or Pollutant	Material Retained, Captured or Recovered	
	Description	Disposal or Use
Air and runoff pollutants.	Swine manure-liquid and solids.	Applied to cropland using mechanical pump and injector system.

Note: Contaminant or pollutant means that which is removed from the process by the pollution control facility.



# AP EXPERT CONTROL

## VENTILATION

STAGE	DESCRIPTIONS
R <sub>1</sub>	24" PIT FAN
R <sub>2</sub>	OPEN
R <sub>3</sub>	36" TUNNEL FAN
R <sub>4</sub>	36" TUNNEL FAN
R <sub>5</sub>	54" TUNNEL FAN
R <sub>6</sub>	54" TUNNEL FAN
R <sub>7</sub>	INLET CLOSE
R <sub>8</sub>	INLET OPEN
R <sub>9</sub>	OPEN
R <sub>10</sub>	OPEN
R <sub>11</sub>	OPEN
R <sub>12</sub>	OPEN
R <sub>13</sub>	STIR FANS
R <sub>14</sub>	HEATERS
R <sub>15</sub>	BROODER
R <sub>16</sub>	SPRINKLER
R <sub>17</sub>	TUNNEL CURTAIN CLOSE
R <sub>18</sub>	TUNNEL CURTAIN OPEN
R <sub>19</sub>	NATURAL CURTAIN CLOSE
R <sub>20</sub>	NATURAL CURTAIN OPEN

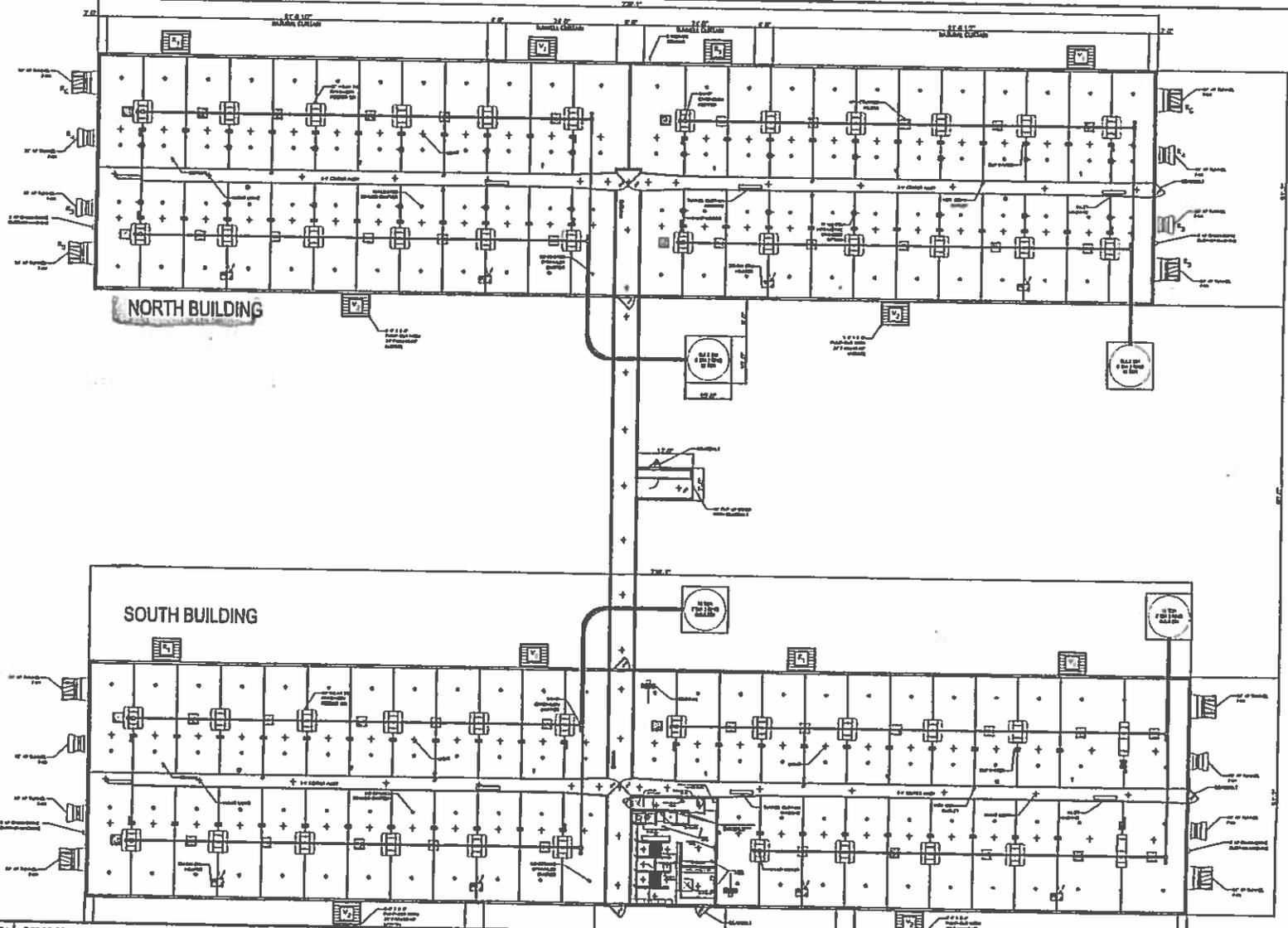
### VARIABLES

STAGE	DESCRIPTIONS
1	(1) V1 FAN
2	(1) V2 FAN

### SAFETY THERMOSTATS

V1	PIT FAN
RS	TUNNEL FAN
H	HEATERS
C	CURTAIN DROPS

- (2) 18 WHITE 255,000 BTU PILOT LIGHT HEATERS PER ROOM
- ⊙ (12) 18 WHITE INFRARED BROODER COUPLERS PER ROOM
- ⊕ (12) AP ACI 2788 ACTUATED CEILING INLETS PER ROOM
- ⊖ (14) 380 DEGREE SPRINKLER OR BOMBER EXISTERS PER ROOM
- (2) HIGH PRESSURE BALL VALVES PER ROOM
- ⊕ (28) SPIRAL FLUORESCENT LIGHTS PER ROOM
- ⊕ (8) SPIRAL FLUORESCENT NIGHT LIGHTS PER ROOM
- (8) SENSORS PER ROOM
- (1) 220V POWER WASHWELDER OUTLET PER ROOM



REFERENCE JOB #	REFERENCE JOB TITLE	REV	DESCRIPTION	BY	DATE

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 ERRORS ARE SUBJECT TO CHANGE

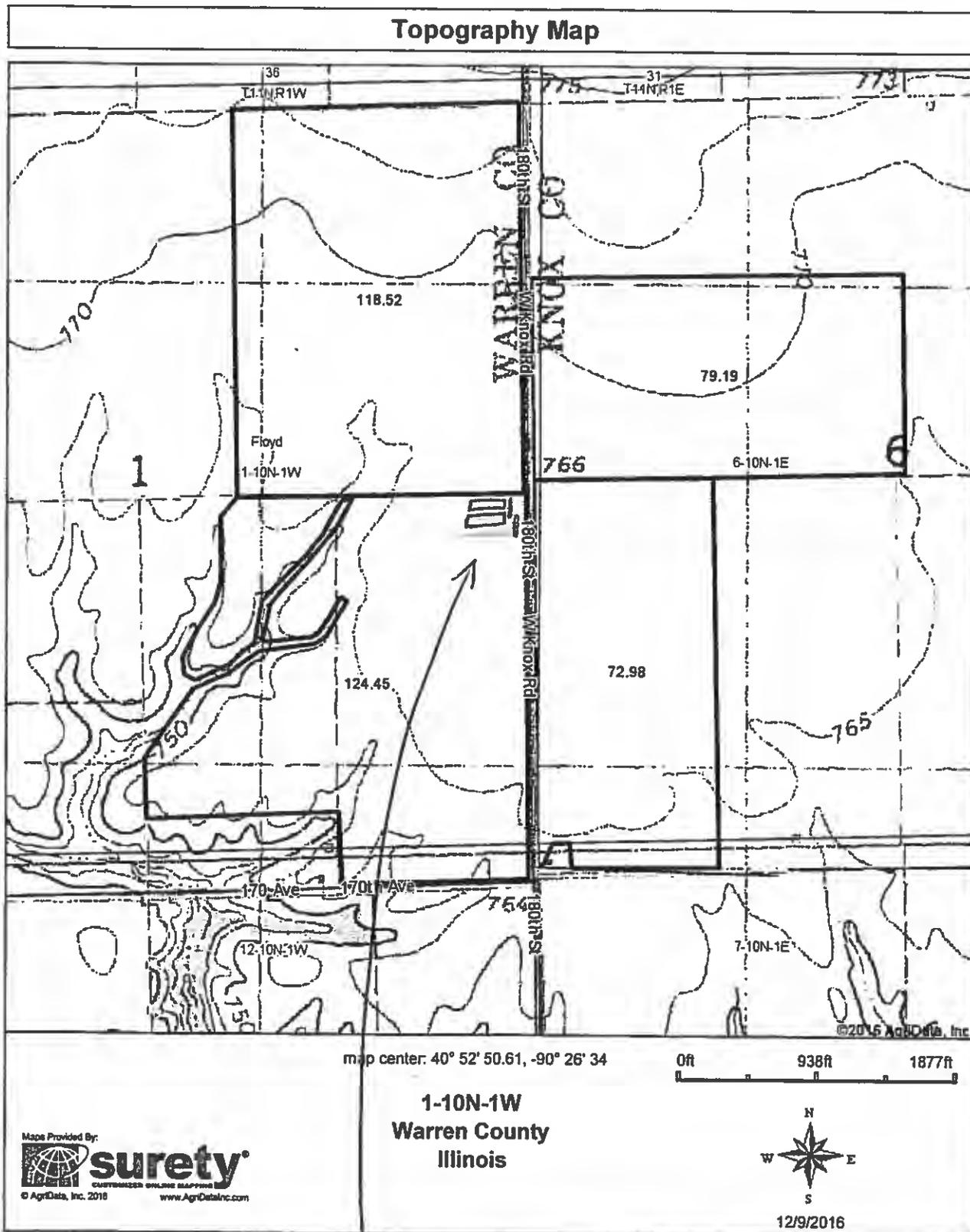


(2) 1240 HEAD WEAN TO FINISH FACILITIES WITH CONNECTING HALL FOR BRIAN ROBINSON

**PRECISION STRUCTURES INC**  
 1204 1ST AVE NORTH WELLSVILLE, OHIO  
 (614) 846-7438

PROJECT: AP DATE: 07/2016  
 DRAWN: JCF SCALE: 1/4" = 1'-0" CHECKED: JCF  
 EQUIPMENT LAYOUT

*8' pit*



Field borders provided by Farm Service Agency as of 5/21/2008. Soils data provided by University of Illinois at Champaign-Urbana.

LOCATION OF BUILDINGS

**Bureau of Environmental Programs**

State Fairgrounds • P.O. Box 19281 • Springfield, IL 62794-9281 • 217/785-2427 (voice/TDD) • Fax 217/524-4882  
Pesticide Misuse Hotline 1-800-641-3934 (voice/TDD)

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June 8, 2016

Facility ID # LF1870220000

**Department at least 5 days prior to the commencement of construction.**

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**ILLINOIS DEPARTMENT OF AGRICULTURE**

John Teefey  
Bureau Chief, Environmental Programs

Douglas C. Owens, Manager  
Livestock Management Facilities Program

cc: File  
Deana Poe, IEPA

LF187022cpack

STATE OF ILLINOIS

COUNTY OF SANGAMON

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)  
)

**CERTIFICATE OF SERVICE**

I, the undersigned attorney at law, hereby certify that I have served on the date of June 1, 2017, the attached **APPEARANCE** and **RECOMMENDATION OF THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY**, upon the following persons by causing to be mailed a true copy thereof in an envelope duly addressed, bearing proper first class postage, and deposited in the United States mail at Springfield, Illinois:

:

**[1<sup>st</sup> Class U.S. Mail]**

Steve Santarelli  
Illinois Department of Revenue  
101 West Jefferson  
P.O. Box 19033  
Springfield, Illinois 62794

**[1<sup>st</sup> Class U.S. Mail]**

Porcine Farms, LLC  
Attn: Brian Robinson  
22 Knox Road  
Galesburg, Illinois 61401

**[Electronic Filing]**

Clerk  
Illinois Pollution Control Board  
James R. Thompson Center  
100 West Randolph Street, Suite. 11-500  
Chicago, Illinois 60601

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

/s/ Roberto M. Durango  
Assistant Counsel  
Division of Legal Counsel  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, Illinois 62794-9276  
217.782.5544  
217.782.9143 (TDD)

**THIS FILING IS SUBMITTED ON RECYCLED PAPER**