

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Precision Pork, LLC)	
(Property Identification Number)	PCB 18-
12-14-29-200-003))	(Tax Certification)
)	
)	

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

Precision Pork, LLC
Attn: Carrie Pollard
2435 Bethany Rd.
Sycamore, Illinois 60178

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: November 22, 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

Precision Pork, LLC)	
(Property Identification Number)	PCB 18-
12-14-29-200-003))	(Tax Certification)
)	

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
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Precision Pork, LLC)	
(Property Identification Number)	PCB 18-
12-14-29-200-003))	(Tax Certification)
)	
)	

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 June 5, 2017, the Illinois EPA received a request from Precision Pork, LLC (log number TC-138186, 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: Precision Pork, LLC
799 Cauffield Rd.
Amboy, IL 61310
3. The proposed water pollution control facilities in this request are located at NE 1/4 of Section 29, T20N, R9E of the 4th P.M. in Lee County, at the above street address and consist of the following:

Livestock waste management facilities consisting of: a concrete deep manure pit (approximately 138 ft. x 71 ft. x 8 ft.); one concrete shallow manure pit (approximately 76 ft. x 85 ft. x 2 ft.); the concrete slatted portion of the floor over the two manure pits that capture and contain waste generated in the barns above; six (approximately 6 ft. x 6 ft. x 8 ft. each) concrete pump-out pits to allow manure removal for the deep manure pit; a PVC pipe (approximately 50 ft. x 8 in.) that transfers manure from the shallow pit to the deep pit; a PVC perimeter drainage tile (approximately 510 ft. x 6 in. x 2.25 in. wide) located around the

footing of the deep manure pit to prevent flotation of the pit; and a concrete manhole (approximately 2 ft. dia. x 8 ft. deep) serving the perimeter drainage tile.

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: November 22, 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

Date: October 11, 2017

Re: Precision Pork, LLC – Amboy
Recommendation of Tax Certification
Log # TC-138186
Property Index# 12-14-29-200-003

The Bureau of Water received a request on June 5, 2017 from Carrie Pollard 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:

Precision Pork, LLC
799 Caulfield Rd.
Amboy, IL

NE ¼ of Section 29, T20N, R9E of the 4th PM in Lee County

The livestock waste handling facilities consisting of one (1) concrete deep manure pit (approximately 138 ft. x 71 ft. x 8 ft.), one (1) concrete shallow manure pit (approximately 76 ft. x 85 ft. x 2 ft.), the concrete slatted portion of the floor over the two manure pits that capture and contain waste generated in the barns above, six (6) (approximately 6 ft. x 6 ft. x 8 ft. each) concrete pumpout pits to allow manure removal from the deep manure pit, a PVC pipe (approximately 50 ft. x 8 in.) that transfer manure from the shallow pit to the deep pit, a PVC perimeter drainage tile (approximately 510 ft. x 6 in. x 2.25 in.) located around the footing of the deep manure pit to prevent flotation of the pit, and a concrete manhole (approximately 2 ft. dia. x 8 ft. deep) serving the perimeter drainage tile. The facility collects, transports and stores livestock waste prior to cropland application.

The facility is 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.

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

SAK:WH:Tax Cert Recommendation.docx

cc: Tax Cert File

Watershed Unit Tax Certification Review Sheet

Project Name: Precision Pork, LLC

Date: October 6, 2017

Type: Agchem
 Livestock

Reviewer: WH

Contact: Carrie Pollard
2435 Bethany Rd.
Sycamore, IL 60178

Log number: TC-138186

Phone: 815-756-3279

Applicant: Carrie Pollard
2435 Bethany Rd.
Sycamore, IL 60178

Property Index#: 12-14-29-200-003

Facility: Precision Pork, LLC
799 Cauffield Rd.
Amboy, IL

Parcel#:

County: Lee

Legal Description:
NE ¼ of Section: 29 Twp: 20N R: 9E PM: 4th

Signature: Carrie Pollard

Date Control Devices installed: October 2016

Title: Manager

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:

The livestock waste handling facilities consist of one (1) concrete deep manure pit (approximately 138 ft. x 71 ft. x 8 ft.), one (1) concrete shallow manure pit (approximately 76 ft. x 85 ft. x 2 ft.), and the concrete slatted portion of the floor over the two manure pits that capture and contain waste generated in the barns above. The deep manure pit has six (6) (approximately 6 ft. x 6 ft. x 8 ft. each) concrete pumpout pits to allow manure removal from the manure pit. A PVC pipe (approximately 50 ft. x 8 in.) that transfer manure from the shallow pit to the deep pit. A PVC perimeter drainage tile (approximately 510 ft. x 6 in. x 2.25 in.) located around the footing of the deep manure pit to prevent flotation of the pit, and a concrete manhole (approximately 2 ft. dia. x 8 ft. deep) serving the perimeter drainage tile. The facility collects, transports and stores livestock waste prior to cropland application.

Pollution control facilities requested by the applicant:

Two (2) concrete manure pits (138 ft. x 71 ft. x 8 ft. and 76 ft. x 85 ft. x 2 ft.) - Section D of the application form.

Concrete slatted floor - Section D of the application form.

Six pumpout pits (6 ft. x 6 ft. x 8 ft. each) - Section D of the application form.

PVC pipe (50' x 8") for manure transferring: Section D of the application form.

Perimeter drainage tile (510 ft. x 6 in. x 2.25 in.) - 09/27/2017 letter from the applicant.

Concrete manhole (approximately 2 ft. dia. x 8 ft. deep) - 09/27/2017 letter from the applicant.

A process flow diagram from manure generation to land application was provided through email 09/27/2017, along with narratives. Per a letter dated and received 09/27/2017, the barns above the manure pits are not required for certification.

Recommended Action: Issue tax certification.

Durango, Roberto

From: Han, Wei
Sent: Tuesday, November 21, 2017 8:41 AM
To: Durango, Roberto
Subject: FW: Precision Pork, LLC

FYI

From: Carrie Pollard [mailto:Carrie.Pollard@pipestone.com]
Sent: Monday, November 20, 2017 1:09 PM
To: Han, Wei <Wei.Han@Illinois.gov>
Subject: [External] RE: Precision Pork, LLC

Han-
If you need a drawing, I can provide one, but looks like calculation error.
Looks like they used 71', which is incorrect, instead of 81' wide for the width.

The dimensions are the perimeter of the building:

$$138' \times 2 = 276'$$

$$81' \times 2 = 162'$$

6 pumpouts – they have 3 sides that the drain tile follows – the 6' running parallel to the barn is already included in the 138' length, but the two – 6' sides on each of the 6 pumpouts is not, so

$$6 \text{ pumpouts} \times 6' \times 2 \text{ sides} = 72'$$

$$276' + 162' + 72' = 510'$$

Let me know if additional questions.

From: Han, Wei [mailto:Wei.Han@Illinois.gov]
Sent: Wednesday, October 25, 2017 11:43 AM
To: Carrie Pollard <Carrie.Pollard@pipestone.com>
Subject: FW: Precision Pork, LLC

Carrie,

The following questions are from our legal department. Can you explain the length of the perimeter drainage tile. A drawing with location and length of pipe will help. I already answered why the pipe has three dimensions.

Thanks,

Wei Han
Facility Evaluation Unit
Bureau of Water
Illinois Environmental Protection Agency

Phone: 217-524-3034
Email: Wei.Han@Illinois.gov

Han, Wei

From: Carrie Pollard <Carrie.Pollard@pipestone.com>
Sent: Friday, October 06, 2017 10:36 AM
To: Han, Wei
Subject: [External] RE: Elite & Precision Pork - additional information

The parcel # for Precision Pork is 12-14-29-200-003.
Let me know if you need anything else.

Thanks,
Carrie

From: Han, Wei [mailto:Wei.Han@Illinois.gov]
Sent: Thursday, October 05, 2017 9:16 AM
To: Carrie Pollard <Carrie.Pollard@pipestone.com>
Subject: RE: Elite & Precision Pork - additional information

The property ID number for Precision Pork seems to be wrong. It seems that the first two digits were missing. Can you verify it can provide me the parcel number. Thanks.

Wei Han
Facility Evaluation Unit
Bureau of Water
Illinois Environmental Protection Agency

Phone: 217-524-3034
Email: Wei.Han@Illinois.gov

From: Carrie Pollard [mailto:Carrie.Pollard@pipestone.com]
Sent: Wednesday, September 27, 2017 4:20 PM
To: Han, Wei <Wei.Han@Illinois.gov>
Subject: [External] RE: Elite & Precision Pork - additional information

You are correct. Sorry, I forgot about that barn, and that it was being applied for as well.
The exact same process applies for Precision. The manure flows through the pipe between the farrowing addition and the existing gestation 8' deep manure pit.

Please contact me with any additional questions.

Thanks,
Carrie

From: Han, Wei [mailto:Wei.Han@Illinois.gov]
Sent: Wednesday, September 27, 2017 3:47 PM
To: Carrie Pollard <Carrie.Pollard@pipestone.com>
Subject: RE: Elite & Precision Pork - additional information

September 27, 2017

IL EPA
Wei Han
Illinois EPA
Permit Section
Division of Water Pollution Control
PO Box 19276
Springfield, IL 62794-9281

Mr. Han:

In response to your questions:

Elite Pork is located in the NW section of the NE section of Section 1 of Lynnville Township in Ogle County.

Precision Pork is located in the NE section of the NE section of Section 29 of Marion Township in Lee County.

A revised flow diagram for both facilities is attached.

Elite Pork - The 50' of PVC manure transfer pipe listed in the application flows between the 2' manure pit on the farrowing addition to the existing 8' deep manure pit under the gestation barn (the gestation barn has been previously certified).

We would like to clarify the statement in Section D of the application that we are asking for certification only of the manure pit and not of the building above the slats.

We would also like to clarify the application to include the perimeter drain tile pipe for the gilt development pit for both Elite Pork & Precision Pork. Both perimeter drain tiles are a "Form-a-Drain" that would be a PVC-type material. It is a 6" form that stays in place after the concrete floor is poured to serve as the tile drain. Also included is a 8' deep, 2' wide concrete manhole to access the tile for service & testing.

Elite Pork has 758' of the perimeter drain tile.

Precision Pork has 510' of the perimeter drain tile.

If you have any questions on any of these facilities, please feel free to contact Carrie Pollard at Pipestone Veterinary Services at 815-756-3279 or via email at carrie.pollard@pipestone.com.

Sincerely,

Carrie Pollard
Technical Services Manager

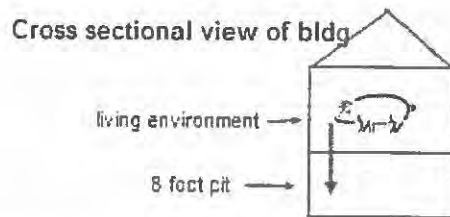
Application for Pollution Control Facility

Section G – Section D - FLOW DIAGRAM

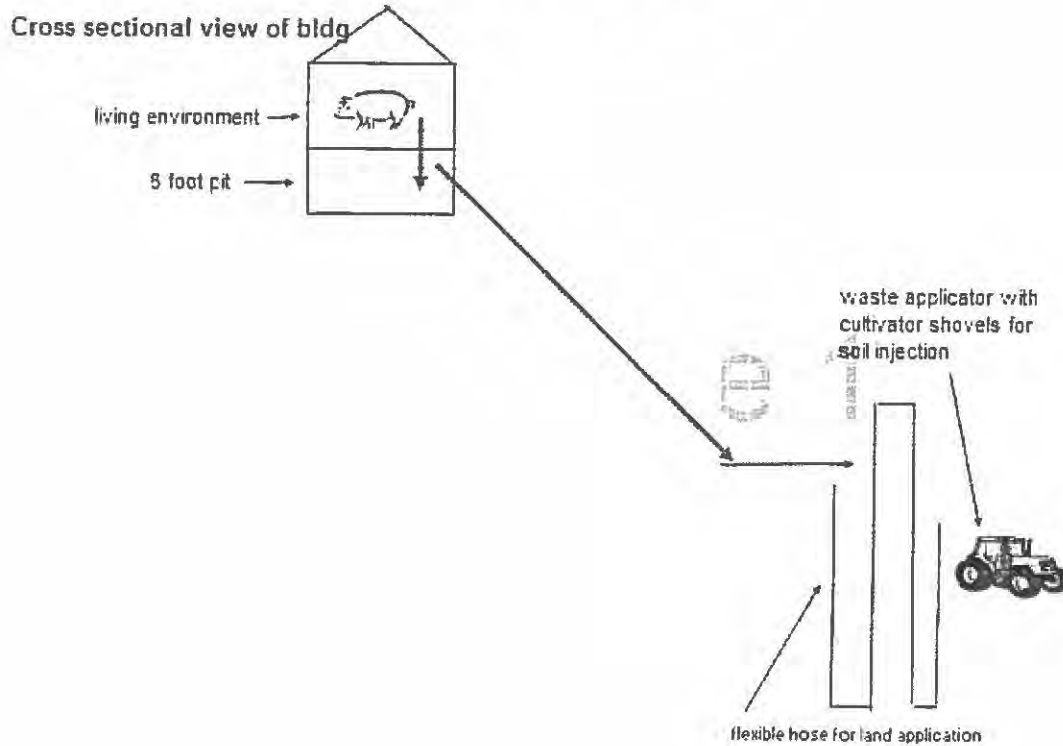
Precision Pork

Concrete manure pits under these swine buildings should eliminate any pollution. The parts of the structure would be the slatted concrete floor, the pit itself, and associated structural components (beams, columns, etc.), and pumpout structures that are part of the pit to allow for equipment access for manure removal at designated times.

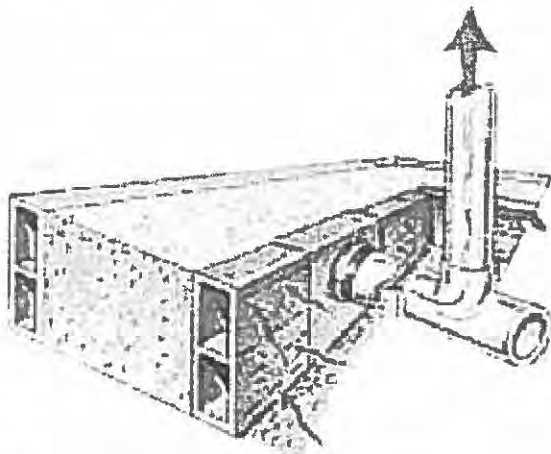
Manure travels from the pig, vertically through the concrete slatted floor into the 8' deep concrete pits.



Two to three times per year, that manure is then pumped via dragline or tankers & injected directly into nearby farmland for nutrient values.



Form-a-Drain



(<http://buildblock.com/wp-content/uploads/2013/06/Form-a-drainRadonVenting400.jpg>)

Form-A-Drain Venting

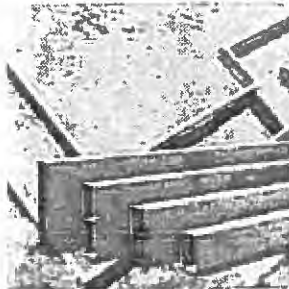
FORM-A-DRAIN® is the 3-in-1 foundation solution that forms footings, provides an integrated drainage system, and can be easily adapted to vent radon where needed. Designed for residential basement applications, Form-A-Drain consists of lineal sections installed as the foundation footing forms. Unlike standard wood forms, Form-A-Drain lineals stay in place permanently after completion of the concrete pour and because they form a complete sub-slab perimeter loop around the foundation, Form-A-Drain functions as a foundation drainage and a radon collection system as well. Since it stays in place, Form-A-Drain also shaves valuable time from the construction schedule; there's no need for a crew to return the next day to remove, strip, clean and transport forms to the next jobsite.

The 6", 8", & 10" Form-A-Drain system exceeds all applicable code requirements for foundation drainage systems *and meets those code requirements in superior fashion to HDPE corrugated pipe.*

Form-A-Drain is a dual footing form that creates parallel dedicated drainage pathways tight to both sidewalls of the footing. This unique arrangement of large, connected drainage pathways ensures that water is channeled around the building perimeter at the optimal height relative to footings and slabs (the configuration of Form-A-Drain lineals ensures that the bottom of the drain path is at least 6" below the bottom of the basement slab); in practice, HDPE corrugated pipe is seldom installed at a consistent height relative to footings. Furthermore, corrugated pipe is often installed in discontinuous sections that may not be visible at the time of inspection. Because Form-A-Drain is installed prior to footing pour, the entire continuous system is fully visible at the time of footing inspection.

Form-A-Drain is available with lateral components that connect the lineals to daylight (where the site configuration will permit such) or the sump pit required by IRC 405. This same section does not require a dedicated interior footing drain pathway, only a porous layer of sand or gravel with a provision for mechanical discharge – i.e. the sump pit and pump. Form-A-Drain exceeds this code requirement by creating a dedicated pathway tight to the footing, channeling water at exactly the position where it can be the most effective – at the outside perimeter of the basement slab.

An Evolution in Footing Construction, Drainage, and Radon Evacuation



<http://buildblock.com/wp-content/uploads/2013/06/4formadrain.jpg>

Form-A-Drain Forms

We highly recommend and use Form-A-Drain® for sub-surface water drainage in the construction of all basements. Take a moment to view this section and you'll see why we believe Form-A-Drain is the best product available for this very important aspect of basement construction.

Form-a-Drain forms precise foundation footings, with an ideally located foundation drainage system above the bottom of the footing and below the foundation wall. The system allows for simple adaptation to function as an effective means for radon reduction since it forms a complete loop around the foundation.

Installing FORM-A-DRAIN® is simple using lineals, couplings, and corners which ensure a precise form setup. The entire system is left permanently in place, eliminating the need to return to strip, remove, clean, and transport forms to the next jobsite.

What is Form-A-Drain and how does it work?

- Form-A-Drain® is a complete, permanently installed system that forms footings, drains foundations, and provides a sub-slab perimeter radon reduction system. CertainTeed designed and developed FORM-A-DRAIN, a patented combination footing form system, foundation drainage system, and radon reduction system for residential basement applications.
- The system consists of lineal sections installed as the foundation footing forms. Upon completion of the concrete pour, the system stays permanently in place and performs the function of a foundation drainage system.
- It is also an effective method of reducing radon, since it is a sub-slab perimeter system that forms a complete loop around the foundation.
- FORM-A-DRAIN is the subject of BOCA Research Report #95-37, renewed annually.

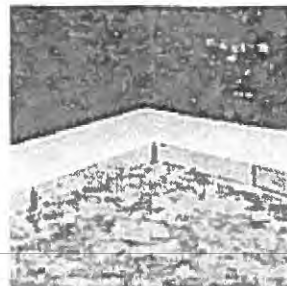
Form-a-Drain



(http://buildblock.com/wp-content/uploads/2013/06/img199-margin_small.gif)



(http://buildblock.com/wp-content/uploads/2013/06/FADFORMS.jpg)



(http://buildblock.com/wp-content/uploads/2013/06/FADFORMSWITHCONCRETE.jpg)

Form-A-Drain™ by CertainTeed



Homeowner Features and Benefits

Builders and contractors alike now have a revolutionary way to design a superior foundations system into their homes.

Features	Homebuilder Benefits
Ideally located drainage system, parallel to footing, below foundation wall	Relieves hydrostatic pressure on walls and slabs, reducing risk of cracking
Drainage system cannot sag or crimp	Reduces risk of blockage or uneven drainage
Greater water intake capacity than traditional drain pipe, 50% more water inlet area than minimum ASTM standards	Ensures rapid collection of ground water; minimizes possibility of water infiltration
Level installation	Uniform drainage of foundation, easier to set wall forms
Smooth interior wall	Allows for free flow of water and less chance of build-up and clogging
Drainage is provided for both the inside and outside of foundation footing build-up and clogging	Better drainage protection against water infiltration; reduces risk of cracking and leaking
Strong, rigid PVC construction; greater stiffness	Minimizes possibility of system failure due to a collapsed or crushed drainage system
Conforms with EPA's "Model Standards & Techniques for Radon Control in New Residential Buildings" and ASTM E 1465-92 Standard Guide for Radon Control Options	Acceptance by local code officials and inspectors

Contractor Features and Benefits

Features	Contractor Benefits
Stay-In-Place lineal footing form system	Eliminates wood or metal form cost and form removal, cleaning, and transportation costs
Less elapsed time between footing pour and wall construction	Reduces carrying cost expense
Immediate drainage capability	Can minimize down time in inclement weather
Simple adaptation with a round pipe "T" and vertical PVC pipe stack provides radon reduction	Eliminates material and labor costs for separate
Eliminates need for conventional corrugated poly drain tile	Reduces material and labor associated with drain tile installation
Complete line of lineals, couplings, 90° and 45° corners, vertical T's & L's, outlets, and accessory items	Can accommodate virtually any foundation layout
No oiling of forms required	Reduced oil cost and elimination of oil handling and disposal
Dry fit joints allow for job site assembly without the use of solvent cement or mechanical fasteners	Reduced form set-up time
Easy to cut with hand or power saw	No additional or special tools required for cutting; fast installation
Spacer straps available in pre-determined width dimensions	Improved set-up time by reducing time used for measuring

System Components

Form-A-Drain lineals are manufactured from PVC (polyvinyl chloride) material using high content of recycled materials, in convenient 12-foot lengths. Three full dimensional sizes are available: 4", 6" and 8" – all sizes are 2-1/4" wide. Each 12-foot lineal weighs less than 6 pounds in 4", less than 8 pounds in 6", and less than 11 pounds in 8", for ease of transportation, handling, and joining. Accessories are available, including couplings, corners, drainage outlets, T's, and vertical angle pieces. Grade stakes can be left in place; they do not have to be pulled. Spacer straps are available in various widths to ensure proper footing width. All fittings and accessory items are made to precise CertainTeed product specifications. Fittings are manufactured for easy assembly without mechanical or solvent fastening. Lineals can be cut easily with a hand or power saw to exact lengths required.

Visit the manufacturer's website to learn more:

<http://www.naspecialtyproducts.com/Public/Products/Foundation-Building-Products/Form-A-Drain-23.html>
(<http://www.naspecialtyproducts.com/Public/Products/Foundation-Building-Products/Form-A-Drain-23.html>)



TC-138186

APPLICATION FOR CERTIFICATION (PROPERTY TAX TREATMENT)
 POLLUTION CONTROL FACILITY
 AIR WATER

This Agency is authorized to request this information under Illinois Revised Statutes, 1979, Chapter, 120, Section 502a-5. Disclosure of this information is voluntary. However, failure to comply could prevent your application from being processed or could result in denial of your application for certification.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 P. O. Box 19276, Springfield, IL 62794-9276

PERMIT SECTION

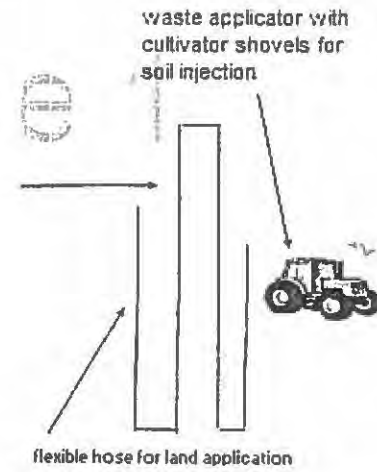
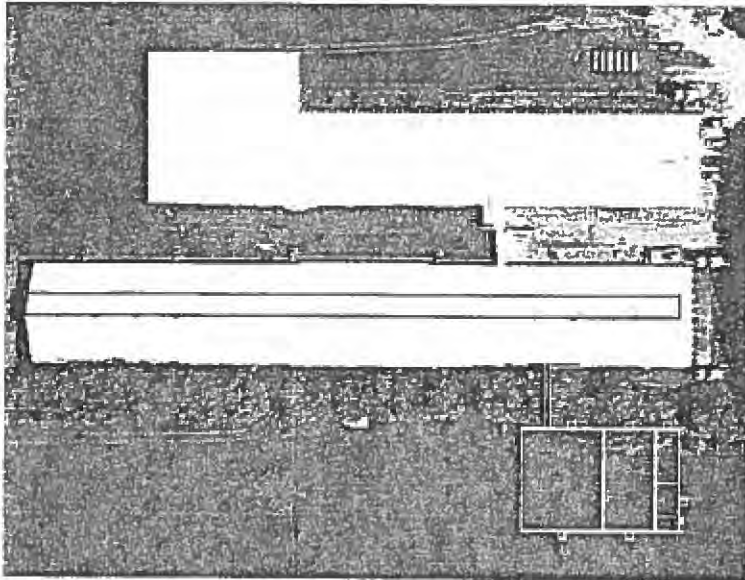
FOR AGENCY USE

File No.	Date Received	Certification No.	Date
Sec. A APPLICANT	Company Name <i>Precision Pork LLC</i>		
	Person Authorized to Receive Certification <i>Carrie Pollard</i>		Person to Contact for Additional Details <i>Carrie Pollard</i>
	Street Address <i>2435 Bethany Rd.</i>		Street Address <i>2435 Bethany Rd.</i>
	Municipality, State & Zip Code <i>Sycamore, IL 60178</i>		Municipality, State & Zip Code <i>Sycamore, IL 60178</i>
	Telephone Number <i>815-756-3279</i>		Telephone Number <i>815-756-3279</i>
	Location of Facility Quarter Section <i>NE</i> Township <i>20N</i> Range <i>9E</i>		Municipality <i>Amboy</i> Township <i>Marion</i>
	Street Address <i>799 Cauffield Rd, Amboy</i>		County <i>Lee</i> Book Number
	Property Identification Number		Parcel Number <i>14-29-200-003</i>
	Sec. B MANUFACTURING OPERATIONS	Nature of Operations Conducted at the Above Location <i>Swine Production-Specifically breeding, gestation & farrowing operations of a 2400 hd sow farm. The farrowing addition houses 96 farrowing pens. The new facility houses a gilt development unit</i>	
Water Pollution Control Construction Permit No.		Date Issued	
NPDES PERMIT No.		Date Issued	Expiration Date
Air Pollution Control Construction Permit No.		Date Issued	
Air Pollution Control Operating Permit No.		Date Issued	
Sec. C MANUFACTURING PROCESS	Describe Unit Process		
	Materials Used in Process		
Sec. D POLLUTION CONTROL FACILITY DESCRIPTION	Describe Pollution Abatement Control Facility <i>Manure control structures that includes a 1100 hd gilt development facility, including the concrete slotted floors, the 8' deep manure pit (71'x138') and six (6'x6'x8' deep) concrete pumpouts. Also the farrowing addition, including the wire slotted floors over the 2' manure pit and the 2' deep concrete manure pit, and approximately 50' of 8" diameter PVC manure transfer pipe.</i>		

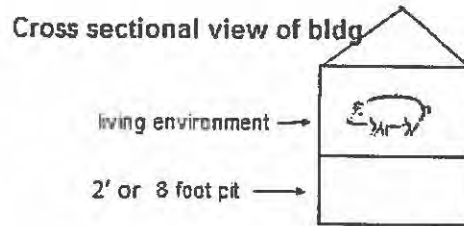
POLLUTION CONTROL FACILITY - CONTAMINANTS	Sec. E (1) Nature of Contaminants or Pollutants			
			Material Retained, Captured or Recovered	
	Contaminant or Pollutant	DESCRIPTION	DISPOSAL OR USE	
	Liquid swine waste	From pigs	Land applied to adjacent fields	
	(2) Point(s) of Waste Water Discharge			
	Plans and Specifications Attached		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
	(3) Are contaminants (or residues) collected by the control facility?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
	(4) Date installation completed	10/2016 status of installation on date of application Complete		
	(5) a. FAIR CASH VALUE IF CONSIDERED REAL PROPERTY:	\$ 500,000		
	b. NET SALVAGE VALUE IF CONSIDERED REAL PROPERTY:	\$		
c. PRODUCTIVE GROSS ANNUAL INCOME OF CONTROL FACILITY:	\$			
d. PRODUCTIVE NET ANNUAL INCOME OF CONTROL FACILITY:	\$			
e. PERCENTAGE CONTROL FACILITY BEARS TO WHOLE FACILITY VALUE:	% 40			
SIGNATURE	Sec. F The following information is submitted in accordance with the Illinois Property Tax Code, as amended, and to the best of my knowledge, is true and correct. The facilities claimed herein are "pollution control facilities" as defined in Section 11-10 of the Illinois Property Tax Code.			
	<u>Clayton R. Pollard</u>	<u>Technical Services Mgr.</u>		
	Signature	Title		
INSTRUCTIONS	Sec. G INSTRUCTIONS FOR COMPILING AND FILING APPLICATION			
	General: Separate applications must be completed for each control facility claimed. Do not mix types (water and air). Where both air and water operations are related, file two applications. If attachments are needed, record them consecutively on an index sheet.			
	Sec. A	Information refers to applicant as listed in the tax records and the person to be contacted for further details or for inspection of facilities. Define facility location by street address or legal description. A plat map location is required for facilities located outside of municipal boundaries. The property identification number is required.		
	Sec. B	Self-explanatory. Submit copies of all permits issued by local pollution control agencies. (e.g. MSD Construction Permit)		
	Sec. C	Refers to manufacturing processes or materials on which pollution control facility is used.		
	Sec. D	Narrative description of the pollution control facility, indicating that its primary purpose is to eliminate, prevent or reduce pollution. State the type of control facility. State permit number, date, and agency issuing permit. A narrative description and a process flow diagram describing the pollution control facility. Include a listing of each major piece of equipment included in the claimed fair cash value for real property. Include an average analysis of the influent and effluent of the control facility stating the collection efficiency.		
	Sec. E	List air contaminants, or water pollution substances released as effluents to the manufacturing processes. List also the final disposal of any contaminants removed from the manufacturing processes. Item (1) - Refers to pollutants and contaminants removed from the process by the pollution control facility. Item (2) - Refers to water pollution but can apply to water-carried wastes from air pollution control facilities. Submit drawings, which clearly show (a) Point(s) of discharge to receiving stream, and (b) Sewers and process piping to and from the control facility. Item (3) - If the collected contaminants are disposed of other than as wastes, state the disposition of the materials, and the value in dollars reclaimed by sale or reuse of the collected substances. State the cost of reclamation and related expense. Item (4) - State the date which the pollution control facility was first placed in service and operated. If not, explain. Item (5) - This information is essential to the certification and assessment actions. This accounting data must be completed to activate project review prior to certification by this Agency.		
	Sec. F	Self-explanatory. Signature must be a corporate authorized signature.		
		Submit to:	Attention:	Attention:
		Illinois EPA P.O. Box 19276 Springfield, IL 62794-9276	Al Keller Permit Section Division of Water Pollution Control	Donald E. Sutton Permit Section Division of Air Pollution Control

Precision Pork, LLC

Application for pollution control facility



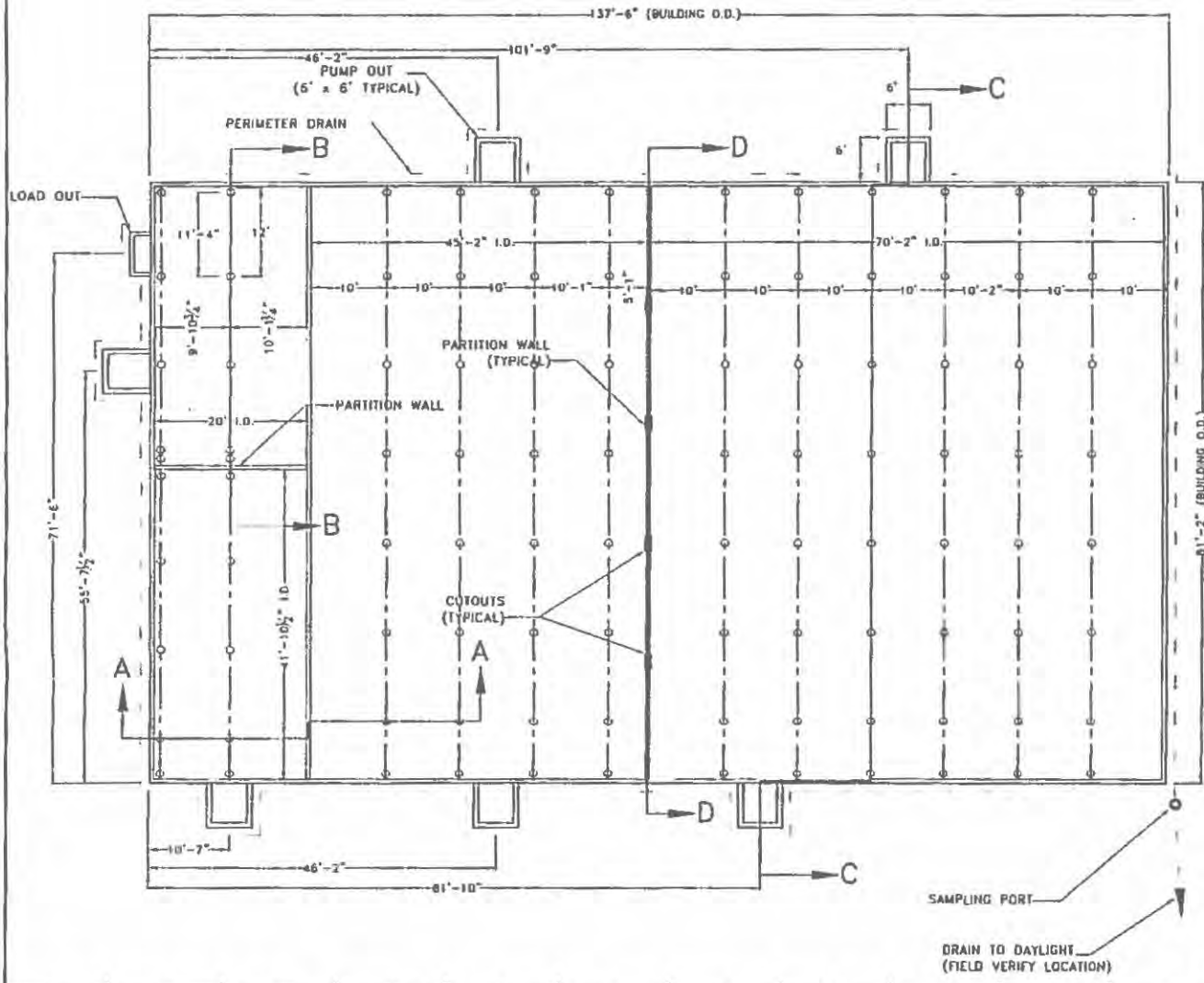
This swine facility utilizes concrete slats in the building, with all waste contained & stored in the 8' deep pit under the building. The waste is then land applied using a flexible drag hose reel to adjoining fields. The concrete pumpouts, 6' x 6', allow for waste agitation & removal from the pit. An operator is at all times in view of the land application equipment in case of equipment failure.





GENERAL NOTES

- 1.) ANY REVISIONS TO THESE DRAWINGS MUST BE APPROVED BY THE PROJECT ENGINEER OF THE COMPANY LISTED IN THE TITLE BLOCK.
- 2.) CONCRETE CONSTRUCTION SHALL MEET WITH MIDWEST PLAN SERVICE-36, CONCRETE MANURE STORAGE UNLESS NOTED OTHERWISE.
- 3.) NO CONCRETE SHALL BE PLACED ON ON ICE, SNOW OR FROZEN FOUNDATION MATERIAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONCRETE DAMAGED BY LOW TEMPERATURES AND SHALL REMOVE AND REPLACE ANY CONCRETE SO DAMAGED AT HIS/HER EXPENSE.
- 4.) THE METHOD AND MANNER OF PLACING CONCRETE SHALL BE SUCH AS TO AVOID SEGREGATION OR SEPARATION OF THE AGGREGATES OR THE DISPLACEMENT OF THE REINFORCEMENT.
- 5.) THE FOOTINGS ARE TO BE CONSTRUCTED WITH A MINIMUM OF 3,000 PSI CONCRETE.
- 6.) ALL WALLS, COLUMNS, AND FLOORS ARE TO BE CONSTRUCTED OF 4,000 PSI CONCRETE.
- 7.) CONCRETE SLATS WILL BE UTILIZED FOR FLOORING.
- 8.) THE CONCRETE PAD WILL BE A CONTINUOUS POUR.
- 9.) EXTERIOR WALL CONSTRUCTION JOINTS WILL BE INSTALLED AT 100' O.C. MAXIMUM, UNLESS OTHERWISE NOTED.
- 10.) NO VEHICLE LOADS ALLOWED WITHIN 5' OF PIT/GUTTER WALLS.
- 11.) ALL BEAMS SHALL BE BUTTED TIGHT AND/OR GROUTED TIGHT THE FULL WIDTH AND HEIGHT OF THE BEAM. GROUT WILL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5,500 PSI.
- 12.) ALL SLATS SHALL BE BUTTED TIGHT AND/OR GROUTED TIGHT THE FULL LENGTH AND DEPTH OF THE SLAT. GROUT WILL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5,500 PSI.
- 13.) NO PIPE PENETRATIONS OTHER THAN THE TYPES IDENTIFIED ON THESE DRAWINGS ARE ALLOWED. ALL WALL AND FLOOR PENETRATIONS, INCLUDING PIPE PENETRATIONS MUST BE APPROVED BY THE PROJECT ENGINEER.
- 14.) THE PRESUMED SOIL BEARING CAPACITY IS 2,000 LBS./SQ. FT., BASED ON NRCS CODE 313-3 TABLE 2.
- 15.) THE DESIGN OF THIS BUILDING IS BASED ON THE 2,000 LBS./SQ. FT. SOIL BEARING
- 16.) WATERSTOP SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER INSTRUCTIONS.



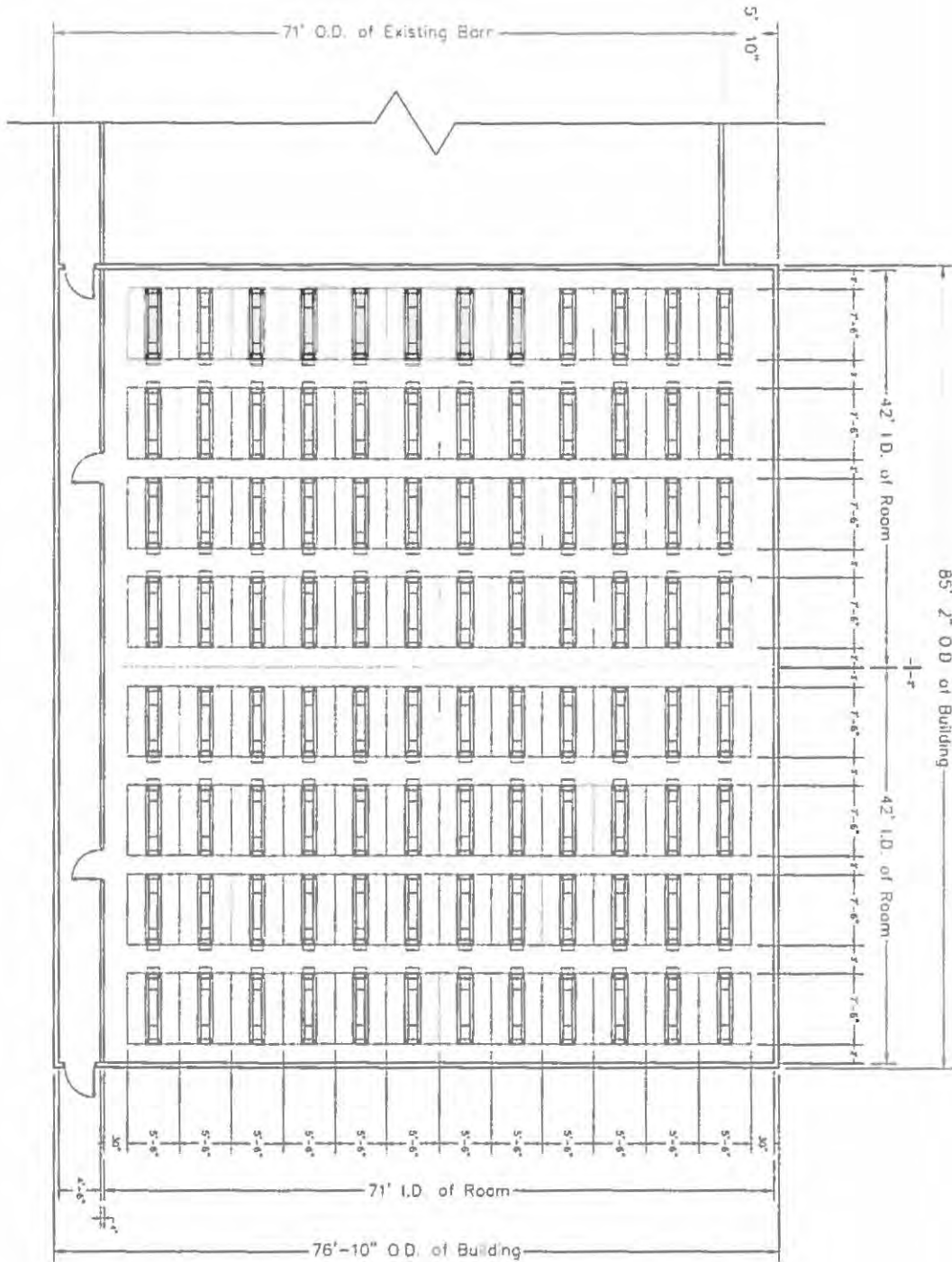
Frank & West
Environmental Engineers, Inc.
7226 N. Slate Route 29
Springfield, IL 62707
Phone: 217/487-7888
Fax: 217/487-7887

PRECISION PORK, LLC
PLAN VIEW
DRAWN BY: CEO

2016 © FRANK & WEST ENVIRONMENTAL ENGINEERS, INC. THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF FRANK & WEST ENVIRONMENTAL ENGINEERS, INC. AND ONLY FOR THIS PROJECT AND MAY NOT BE USED, COPIED OR DUPLICATED WITHOUT PRIOR WRITTEN CONSENT.

SCALE: AS SHOWN | DATE: 02/05/16 | REVISED ON: 05/10/16 | DRAWING NO. 15-22809

Electronic Filing: Received, Clerk's Office 11/22/2017 * * PCB 2018-035 * *



Engineering and Architecture
 are required to be sealed and
 approved by the state
 department of project
 approval and safety

EQP 1

Scale:
 None

REVISIONS
 Preliminary

Date
 04-12-11

Precision Pork
 Farrowing Barn
 Floor Plan

This drawing is the sole
 property of Midwest
 Livestock Systems Inc. and no
 part of this drawing may be
 used, reproduced, displayed
 or communicated in any form
 or by any means without prior
 written approval of Midwest
 Livestock Systems, Inc.

3600 North 6th Street
 Beatrice, Nebraska 68310
 Telephone: (402) 223-5281

MIDWEST
 LIVESTOCK SYSTEMS, Inc.
 Drawn By: Benjamin Harris

May 22, 2017

IL EPA
Al Keller
Permit Section
Division of Water Pollution Control
PO Box 19276
Springfield, IL 62794-9281

RECEIVED
JUN 05 2017

IEPA
DOW/MPC/PERMIT SECTION

Mr. Keller:

Included are five applications for certification of pollution control facilities.

Advantage Pork, LLC

Future Pork, LLC

Independence Pork, LLC

Precision Pork, LLC

Elite Pork, LLC

If you have any questions on any of these facilities, please feel free to contact Carrie Pollard at Pipestone Veterinary Services at 815-756-3279.

Sincerely,



Carrie Pollard

Technical Services Manager

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 November 22, 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 in Springfield, Illinois:

[1st Class U.S. Mail]

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

[1st Class U.S. Mail]

Precision Pork, LLC
Attn: Carrie Pollard
2435 Bethany Rd.
Sycamore, Illinois 60178

[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