

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Case Creek Swine, LLC)
(Property Identification Number) PCB 19-
2422100002) (Tax Certification)
)

NOTICE

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


Trenten Zwicker
13616 104th Street
Coal Valley, Illinois 61240

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

Copies also provided electronically as follows:

Illinois Department of Revenue
via email at REV.PropTaxApp@illinois.gov
101 West Jefferson
Springfield, Illinois 62794

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: 
Jacob H. Smith
Assistant Counsel
Division of Legal Counsel

DATED: April 12, 2019

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

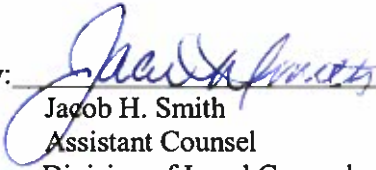
BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Case Creek Swine, LLC)
(Property Identification Number) PCB 19-
2422100002) (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:  _____
Jacob H. Smith
Assistant Counsel
Division of Legal Counsel

DATED: April 12, 2019

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

Case Creek Swine, LLC)
(Property Identification Number) PCB 19-
2422100002) (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 of the regulations of the Illinois Pollution Control Board ("Board"), 35 Ill. Adm. Code 125.204.

1. On February 6, 2019, the Illinois EPA received a request from Trenten Zwicker on behalf of Case Creek Swine, LLC (log number TC-140861, Exhibit A) for an Illinois EPA recommendation regarding the tax certification of water pollution control facilities pursuant to 35 Ill. Adm. Code 125.204.
2. The facility's address is: Case Creek Swine, LLC
9000 148th Avenue
Orion, IL 61273

The proposed water pollution control facility in this request is located in the SE ¼ of Section 22, T16N, R1W of the 4th P.M. in Rock Island County, at the above street address and consist of the following facilities:

The livestock waste handling facilities consisting of one (1) concrete manure pit (approximately 101 ft. x 193 ft. x 8 ft.), the concrete slatted portion of the floor over the manure pit that capture and contain waste generated in the barn above, ten (10) pumpout pits (approximately 5 ft. x 6 ft. x 8 ft. each) to allow manure removal from the manure pit, hard plastic perimeter drainage pipes (approximately 688 ft. x 6 in. x 2.5 in.) located around the footing of manure pit to prevent flotation of the pit, and one (1) HDPE inspection/sampling port (approximately 10 ft. x 12 in.) on the perimeter drainage pipe.

This livestock waste management facility is used to collect, transport, and/or store livestock waste prior to cropland application, and is further described in Exhibit A.

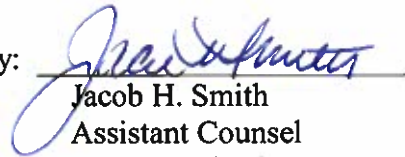
3. Section 11-10 of the Property Tax Code, 35 ILCS 200/11-10 (2018), and Section 125.200(a) of the Board's regulations, 35 Ill. Adm. Code 125.200(a), define "pollution control facilities" as:

any 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 ...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.
4. In order to receive preferential tax treatment as pursuant to 35 ILCS 200/11-5 (2018), pollution control facilities must be certified as such by the Board, 35 ILCS 200/11-20 (2014) and 35 Ill. Adm. Code 125.200(a).
5. Upon receipt of a tax certification application, the Illinois EPA must file a recommendation on the application with the Board, 35 Ill Adm. Code 125.204(a).
6. Based on the information in the application and the purpose of the facility, it is the Illinois EPA's engineering judgment that the described facilities may be considered "pollution control facilities," pursuant to 35 Ill. Adm. Code 125.200(a), with the primary purpose of eliminating, preventing, or reducing water pollution, or as otherwise provided in 35 Ill. Adm. Code 125.200, and is 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:


Jacob H. Smith

Assistant Counsel
Division of Legal Counsel

Dated: April 12, 2019

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

JB PRITZKER, GOVERNOR

JOHN J. KIM, ACTING DIRECTOR

Memorandum

To: Charles Gunnarson, Division of Legal Counsel

From: Darin E. LeCrone, Manager, Industrial Unit, Permit Section *DEL*

Date: April 5, 2019

Re: Case Creek Swine, LLC – Orion
Recommendation of Tax Certification
Log # TC-140861
Property Index# 2422100002

The Bureau of Water received a request on February 6, 2019 from Trenten Zwicker 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:

Case Creek Swine, LLC
9000 148th Ave.
Orion, IL 61273

SE $\frac{1}{4}$ of Section 22, T16N, R1W of the 4th PM in Rock Island County

The livestock waste handling facilities consisting of one (1) concrete manure pit (approximately 101 ft. x 193 ft. x 8 ft.), the concrete slatted portion of the floor over the manure pit that capture and contain waste generated in the barn above, ten (10) pumpout pits (approximately 5 ft. x 6 ft. x 8 ft. each) to allow manure removal from the manure pit, hard plastic perimeter drainage pipes (approximately 688 ft. x 6 in. x 2.5 in.) located around the footing of manure pit to prevent flotation of the pit, and one (1) HDPE inspection/sampling port (approximately 10 ft. x 12 in.) on the perimeter drainage pipe. 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.

DEL:WH:Tax Cert Recommendation.docx

cc: Tax Cert File

Watershed Unit Tax Certification Review Sheet

Project Name: Case Creek Swine, LLC

Date: February 28, 2019

Reviewer: WH

Type: Agchem
 Livestock

Log number: TC-140861

Applicant: Trenten Zwicker
13616 104th St.
Coal Valley, IL 61240

Contact: Jim Zwicker
17220 99th St.
Orion, IL 61273

Phone: 309-787-5069

Facility: Case Creek Swine, LLC
9000 148th Ave.
Orion, IL 61273

Property Index#: 2422100002

Parcel#:

Legal Description:
SE ¼ of Section: 22 Twp: 16N R: 1W PM: 4th

County: Rock Island

Date Control Devices installed: November 2018

Signature: : Trenten Zwicker

Title: Owner

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 manure pit (approximately 101 ft. x 193 ft. x 8 ft.) and the concrete slatted portion of the floor over the manure pit that capture and contain waste generated in the barn above. The concrete manure pit has ten (10) pumpout pits (approximately 5 ft. x 6 ft. x 8 ft. each) to allow manure removal from the manure pit. Hard plastic perimeter drainage pipe (approximately 688 ft. x 6 in. x 2.5 in.) with HDPE inspection port (approximately 12 in. dia x 10 ft. depth) is located around the footing of the manure pit to prevent flotation of the pit. The facility collects, transports and stores livestock waste prior to cropland application.

Pollution control facilities requested by the applicant through Description of Pollution Control Facilities, Section 2 of the application form and the email attachments received 02/27/2019:

One (1) concrete manure pit (101 ft. x 193 ft. x 8 ft.)

Concrete slatted floor;

Ten (10) pumpout pits for the manure pit (approximately 5 ft. x 6 ft. x 8 ft. each)

Hard plastic perimeter drainage tile (approximately 688 ft. x 6 in. x 2.5 in.)

HDPE inspection port (approximately 12 in. Dia x 10 ft. Depth)

A process flow diagram with narrative is provided by the email attachments received 02/27/2019. Additional information about details of pollution control facilities are provided through the email.

Recommended Action: Issue tax certification.

Han, Wei

From: Trent Zwicker <tzwicker94@gmail.com>
Sent: Thursday, February 28, 2019 2:49 PM
To: Han, Wei
Subject: [External] Re: Case Creek Swine, LLC TC-140861

I apologize about that. Yes, the diameter is 12" and the height is 10', which is 1' above backfill.

On Wednesday, February 27, 2019, Han, Wei <Wei.Han@illinois.gov> wrote:

Can you confirm the height of the sampling/observation port? You put "12' HDPE observation/sample port" in the perimeter drainage diagram. I am thinking you may mean 12" for diameter.

Thanks,

Wei Han, P.E.

Illinois Environmental Protection Agency

BOW/DWPC/Permit Section

1021 North Grand Avenue E.

P.O. Box 19276

Springfield, IL 62794-9276

Phone: 217-524-3034

Email: Wei.Han@illinois.gov

From: Trent Zwicker <tzwicker94@gmail.com>
Sent: Wednesday, February 27, 2019 3:11 PM
To: Han, Wei <Wei.Han@illinois.gov>
Subject: [External] Re: Case Creek Swine, LLC TC-140861

The forma-drain perimeter tile is 2.5" wide by 6" tall. The observation port is 12" in diameter

On Wednesday, February 27, 2019, Han, Wei <Wei.Han@illinois.gov> wrote:

Mr. Zwicker.

Thank you for the message. The scanned images are okay for the reviewing purposes. There are still something that is missing. What is the diameter of the 688-foot perimeter drainage pipe? And the diameter of the 12-foot deep HDPE sampling/observation port?

Wei Han, P.E.

Illinois Environmental Protection Agency

BOW/DWPC/Permit Section

1021 North Grand Avenue E.

P.O. Box 19276

Springfield, IL 62794-9276

Phone: 217-524-3034

Email: Wei.Han@Illinois.gov

From: Trent Zwicker <tzwicker94@gmail.com>
Sent: Wednesday, February 27, 2019 9:57 AM
To: Han, Wei <Wei.Han@Illinois.gov>
Subject: [External] Re: Case Creek Swine, LLC TC-140861

Mr. Han,

I have formally gathered all of the information in which you needed from me.

Section #22

Pump Out Pits: 10

Attached below are the dimensions and specs of the concrete pit and its 10 pump-out pits. They were on very large sheets of paper so I had to scan each sheet a couple of different ways. With that being said, you should have everything you need, I believe. The last two attachments are ones that I made myself based on what I think you were looking for. Please note, the perimeter tile of the building is in the form of forma-drain and it was the form for all of the floor pour and pump-out pour. I have made a note of that on the "drainage tile materials" sheet. If you have any questions, feel free to shoot me another e-mail

Thanks,

Trent Zwicker

On Fri, Feb 22, 2019 at 1:02 PM Han, Wei <Wei.Han@illinois.gov> wrote:

Mr. Zwicker,

Nice talking to you on the phone. Here is a list of additional information I need to complete my review of this application.

1. Section Number of the property's legal description.
2. A plan view drawing that shows the dimension and construction material of the manure pit and pumpout pits, diameter, length and material (PVC, HDPE, etc.) of the perimeter drainage tile. Dimensions, sizes, and material can also be provided by brief narratives. Please also provide the number of pumpout pits.
3. A process flow diagram from manure generation to final disposal of the manure, i.e., land application.

Please let me know if you have any questions regarding the above. Thank you.

Wei Han, P.E.

Illinois Environmental Protection Agency

BOW/DWPC/Permit Section

1021 North Grand Avenue E.

P.O. Box 19276

Springfield, IL 62794-9276

Phone: 217-524-3034

Email: Wei.Han@Illinois.gov

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NORTH



DATE: 05-27-17
EXPIRES 11/30/18

CONSTRUCTION NOTES:

DO NOT ALLOW HEAVY EQUIPMENT WITHIN 5' OF PIT WALLS EXCEPT AT PUMP-OUTS

DESIGN -

STRUCTURAL DESIGN ACCORDING TO MWPS-36
BY MIDWEST PLAN SERVICE, IOWA STATE UNIVERSITY

ANCHOR BOLTS -

ALL ANCHOR BOLTS SHALL BE PLACED IN FRESH CONCRETE
AND POSITIONED AS REQUIRED BY FRAMING CONTRACTOR

DRILLED-IN OR WEDGE ANCHORS ARE NOT ALLOWED

EXCAVATION & BACKFILL -

FOOTING ARE DESIGNED FOR MINIMUM SOIL BEARINGS
CAPACITY = 3000 LB/SQ FT

CONTRACTOR SHALL OVER EXCAVATE AND PLACE & COMPACT
SUITABLE FOOTING MATERIAL AS REQUIRED TO ASSURE MINIMUM SOIL
BEARING CAPACITY IS ATTAINED.

BACKFILL SHALL BE GRANULAR & FREE DRAINING.
BACKFILL ONLY AFTER PRECAST GANG SLATS ARE PLACED.

REINFORCING STEEL -

FABRICATE AND PLACE IN ACCORDANCE WITH A.C.I. 318-11 STEEL

CONCRETE -

MINIMUM 28 DAY COMPRESSIVE STRENGTH
FOOTINGS & PIT FLOOR 4000 P.S.I.
WALLS & COLUMNS 4000 P.S.I

MIX DESIGN USING FLY ASH SHALL BE CLASS 'C' ONLY
MAXIMUM FLY ASH CONTENT 15%

ENTRAINED AIR CONTENT 5% to 7%

MAXIMUM SLUMP 5"

MIX, PLACE, CURE AND PROTECT CONCRETE IN ACCORDANCE WITH A.C.I. 318-11

INSULATE FORMS & COVER CONCRETE AS REQUIRED TO PROTECT FROM
TEMPERATURES BELOW 40° F

WATERLINES -

WATER LINES SHALL NOT PENETRATE THE WALL OR FLOOR OF THE LIVESTOCK
WASTE HOLDING BASING FACILITY BELOW SLAT LEVEL.

WATERSTOP -

WATERSTOP SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S
RECOMMENDATIONS

RECEIVED
FEB 27 2019

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BOW/WPC/PERMIT SECTION

NOTED HERE ARE THE SOLE
INCORPORATED. REPRODUCTION
PROJECT WITHOUT
S INCORPORATED IS



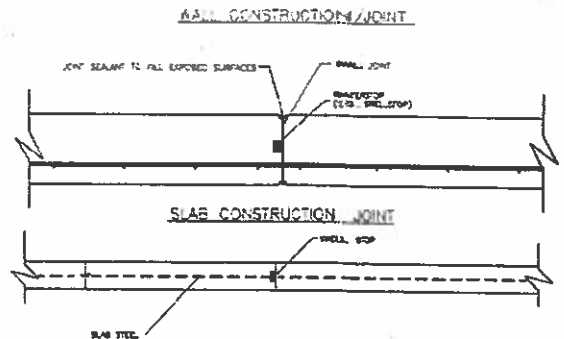
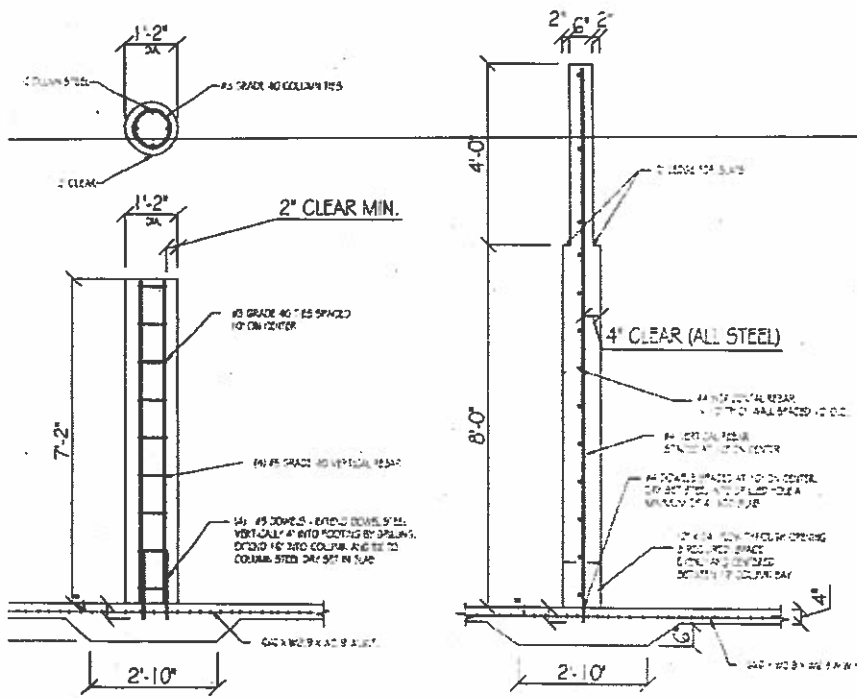
101'-10" X 197'-0" 2400 HEAD WEAN TO FINISH
FACILITY FOR JIM & TRENT ZWICKER



PRECISION STRUCTURES INC
1204 1ST AVE NORTH, WELLMAN, IOWA
(319) 646-2430

DATE: 5/22/2018	SCALE: 3/8" = 1'-0"
PROJECT: B007-C	CONCRETE PRINT

INCORPORATED.



NOTE:

REBAR TO HAVE A MINIMUM OF 2" COVER FROM SIDES, TOP, AND BOTTOM OF WALL AND 3" IN FOOTINGS

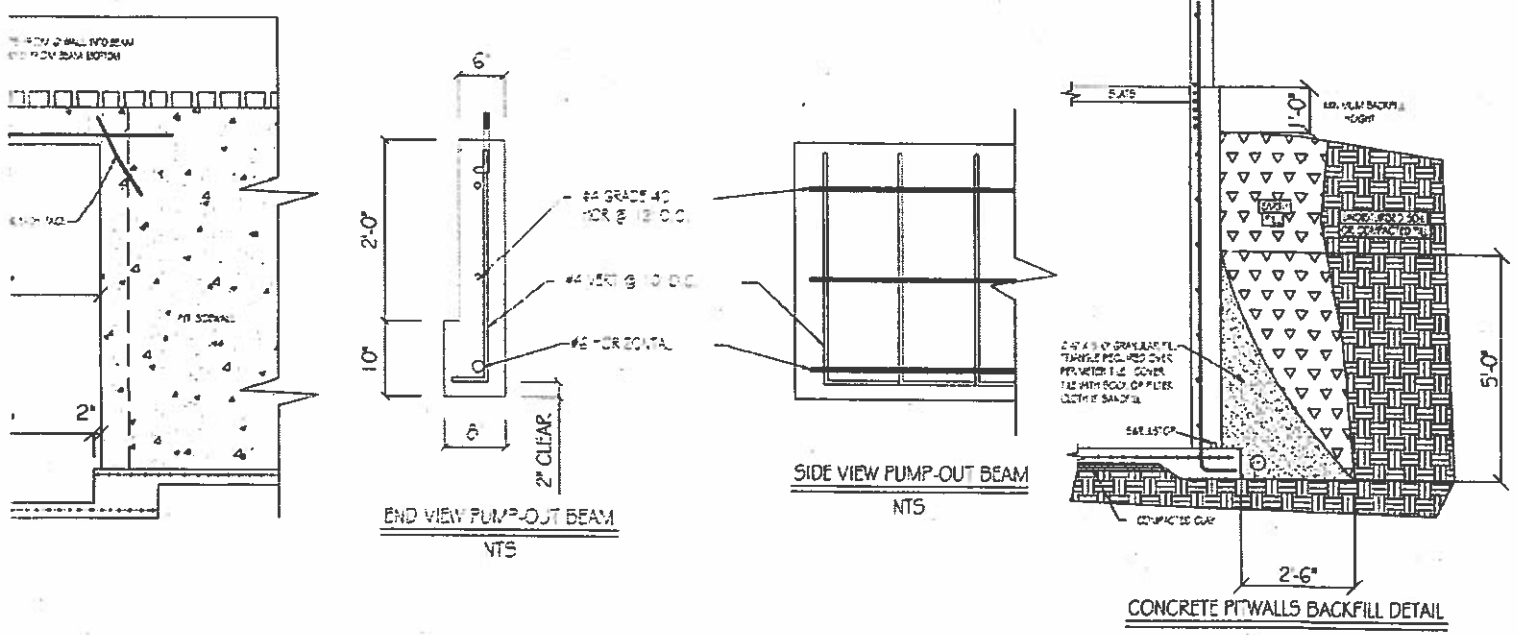
BACKFILL TO SLAT LEVEL

OVERLAP REBAR 12" MINIMUM AND WELDED WIRE 6" MINIMUM

ALL REBAR IS ASTM A615 GRADE 60 UNLESS NOTED DIFFERENTLY

WELDED WIRE IS ASTM A185 GRADE 60

ALL CONCRETE TO BE 4000 PSI @ 28 DAYS



DATE _____

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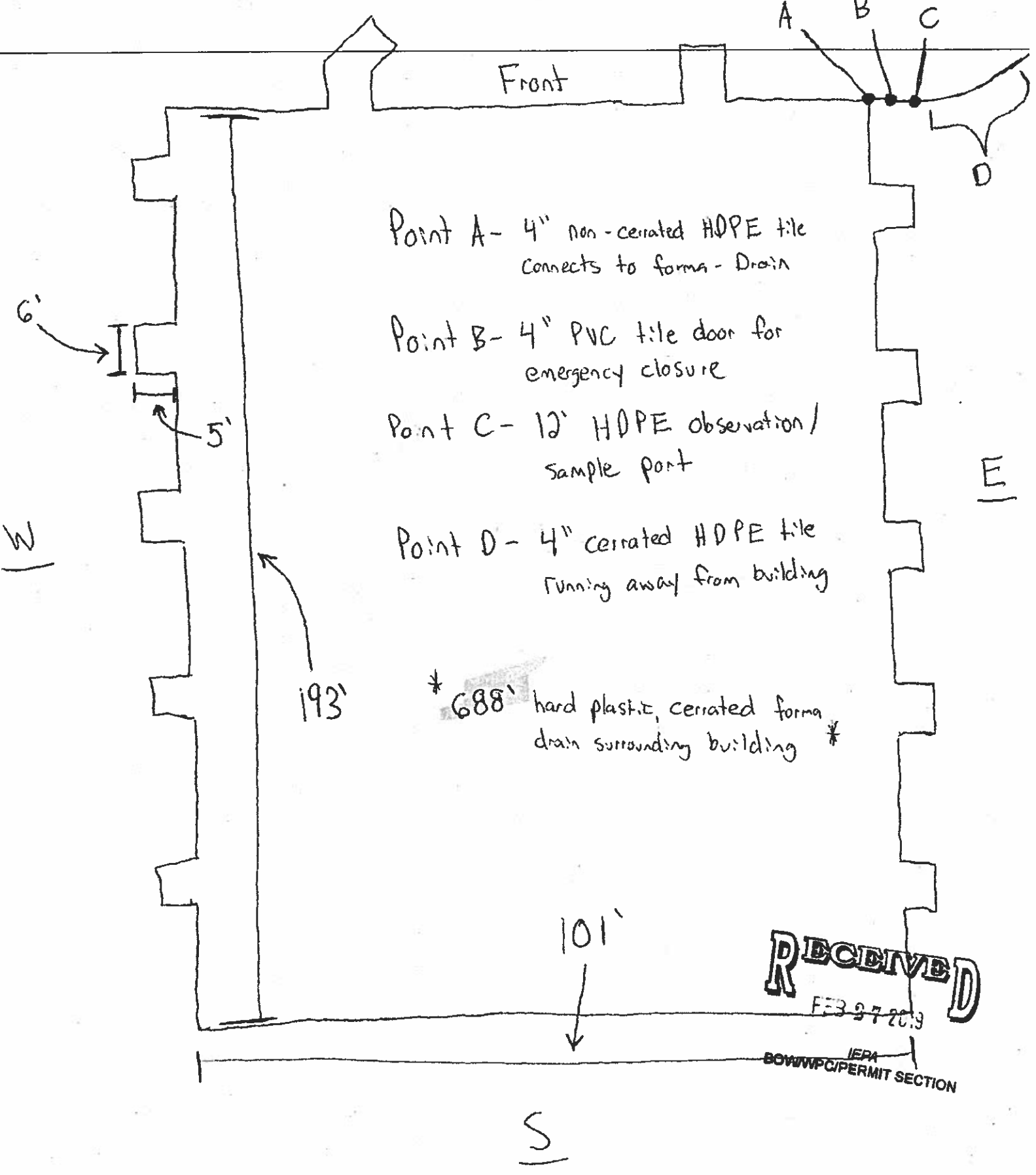
101'-10" X 197'-0" 2400 HEAD WEAN TO FINISH FACILITY FOR JIM & TRENT ZWICKER

PSI PRECISION STRUCTURES INC
1204 15TH AVE NORTH, WELLMAN, IOWA
(319) 646-2430

DESIGN BY: JAP	DATE: 5/23/2018	REVISED:
DRAWN BY: 18087-CD	SCALE: 3/32" = 1'-0"	REVISIONS:

CONCRETE DETAILS

N



Front

A B C

D

Point A - 4" non-corrugated HDPE tile connects to form-drain

Point B - 4" PVC tile door for emergency closure

Point C - 12" HDPE observation/sample port

Point D - 4" corrugated HDPE tile running away from building

* 688' hard plastic, corrugated form-drain surrounding building *

193'

101'

6'

5'

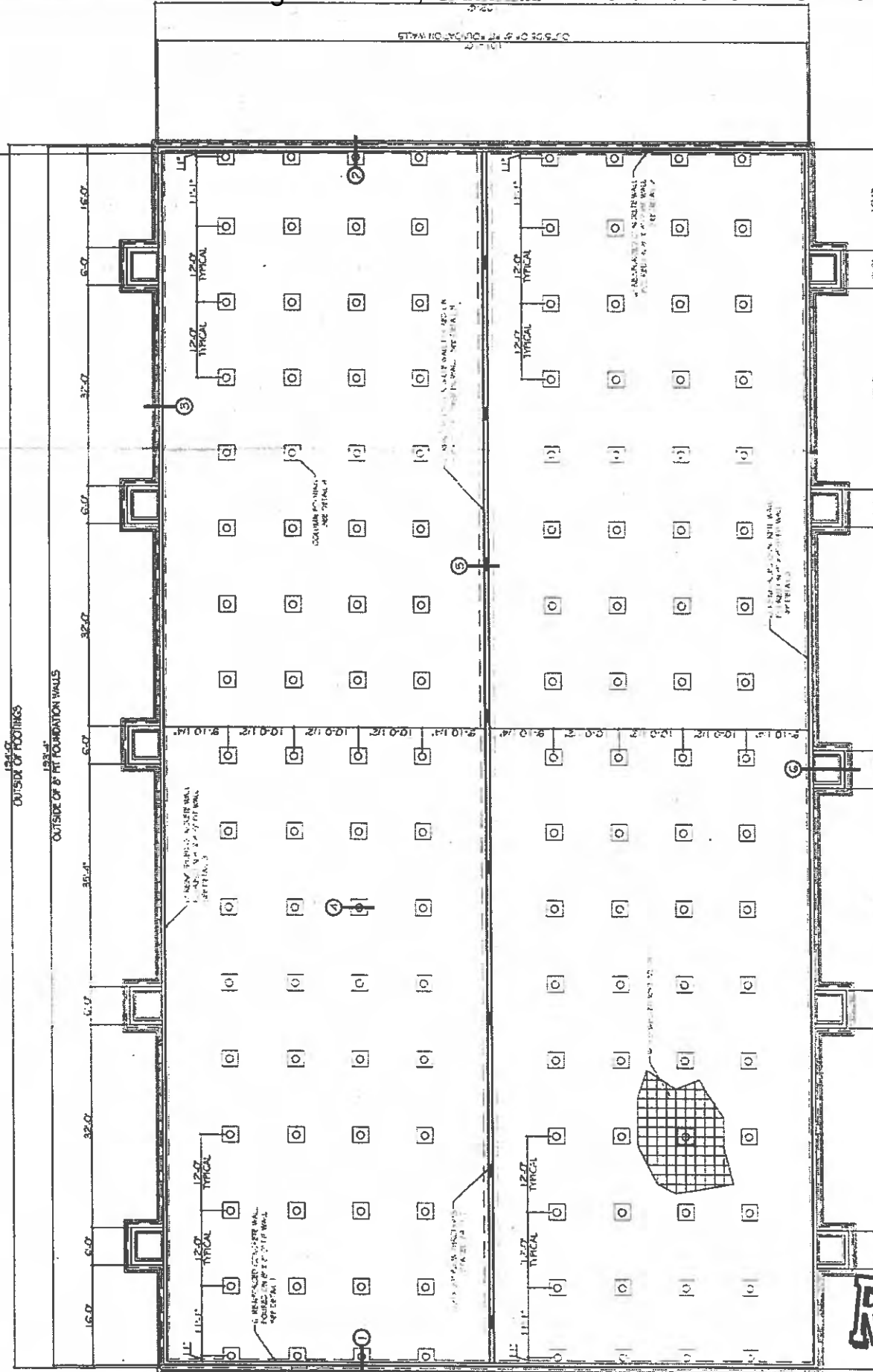
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NOTES:

REFER TO HAVE A MINIMUM OF 2" COVER FROM TOP, AND BOTTOM OF WALL AND 3" IN FOOTINGS

BACKFILL TO SOFT GROUND

CONCRETE SHALL BE 4000 PSI (MINIMUM) AND VERTICAL REINFORCING SHALL BE #4 @ 16" ON CENTER

ALL REINFORCING SHALL BE #4 @ 16" ON CENTER UNLESS NOTED OTHERWISE

NOTES:

WALL PROVISION FOR WATER

4" THICK PRECAST SLAB

REINFORCING SHALL BE #4 @ 16" ON CENTER

MINIMUM OF 2" COVER FROM TOP AND BOTTOM OF WALL AND 3" IN FOOTINGS

NOTE

ALL REINFORCING SHALL BE #4 @ 16" ON CENTER UNLESS NOTED OTHERWISE

MINIMUM OF 2" COVER FROM TOP AND BOTTOM OF WALL AND 3" IN FOOTINGS

CONCRETE SHALL BE 4000 PSI (MINIMUM) AND VERTICAL REINFORCING SHALL BE #4 @ 16" ON CENTER

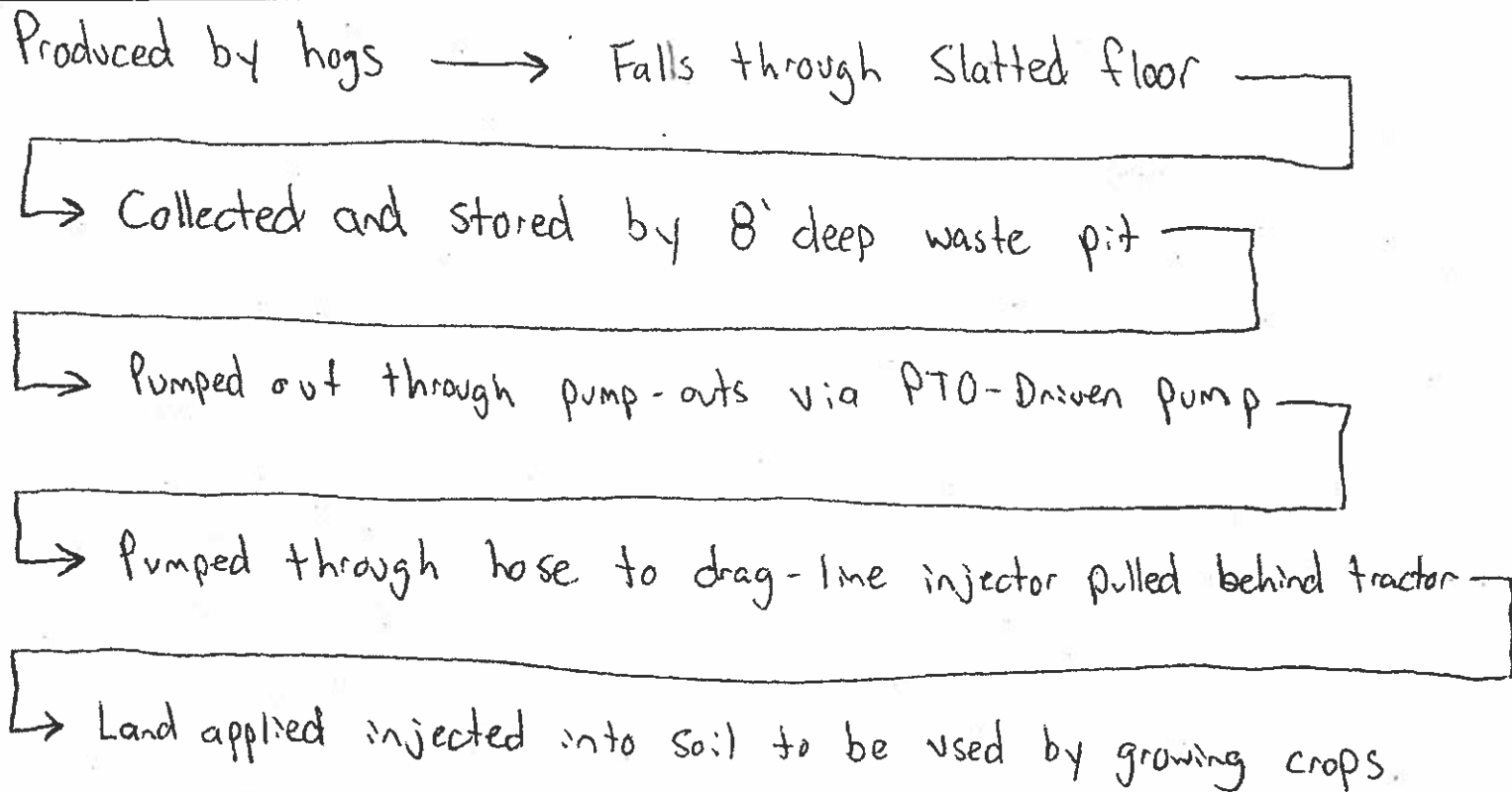
ALL REINFORCING SHALL BE #4 @ 16" ON CENTER UNLESS NOTED OTHERWISE

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Manure Process Flow Diagram





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:

RECEIVED
FEB 06 2019

Illinois EPA
 Attention: Ray E. Pilapil, Permit Section
 Division of Air Pollution Control
 1021 North Grand Avenue East, P.O. Box 19276
 Springfield, IL 62794-9276

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

IEPA
BOWWPC/PERMIT SECTION

I. Applicant Information:

Company Name: <u>Case Creek Swine, LLC</u>	Person to Contact for Additional Details: <u>Jim Zwicker</u>
Person Authorized to Receive Certification: <u>Trenten J. Zwicker</u>	Street Address: <u>17220 99th Street</u>
Street Address: <u>13616 104th Street</u>	City: <u>Orion</u> State: <u>IL</u>
City: <u>Coal Valley</u> State: <u>IL</u>	Zip: <u>61273</u> Phone: <u>309-787-5069</u>
Zip: <u>61240</u> Phone: <u>309-738-5200</u>	Email Address: <u>Zwfarm@gmail.com</u>
Email Address: <u>tzwicker94@gmail.com</u>	

II. Facility Information:

Facility Location: Quarter Section: SE Township: 16-N Range: 1-W
 Municipality: Orion Township: Rural

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

Address: 9000 148th Avenue City: Orion
 State: IL Zip Code: 61273 County: Rock Island Book Number: _____
 Property Index Number: 2422100002

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:

2,400 head went to finish hog barn 101' x 193' with 8' deep manure pit underneath slatted floor.

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.

Point(s) of Waste Water Discharge:

Identify the location of the discharge to the receiving stream. This will typically refer to a source of water pollution but can include water-carried wastes from air pollution control facilities.

Plans and Specifications Attached Yes No

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.

Are contaminants (or residues) collected by the control facility? Yes No

Note: If the collected contaminants are disposed of other than as wastes, state the disposition of the materials, and the value dollars reclaimed by the sale or reuse of the collected substances. State the cost of reclamation and related expense.

Project Status:

Date Installation Completed: November 21st 2018

Provide the date the pollution control facility was first placed into service and operated. If not, explain.

The pollution control facility was completed Nov 21, 2018 and the entire building above it was completed January 11, 2019 and it was put into service January 28th 2019.

Status of installation on date of application:

Completed

III. Verification and Signature:

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.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Trenten Zwickler Owner/Operator
 Printed Name: Title:

For incorporated entities, signature should be from an authorized corporate representative.

[Signature] 1/21/2019
 Signature: Date:



Bureau of Environmental Programs

State Fairgrounds • P.O. Box 19281 • Springfield, IL 62794-9281 • 217/785-2427 (voice) • Fax 217/524-4882
Pesticide Misuse Hotline 1-800-641-3934 (voice) • 1-866-287-2999 (TDD/TTY)

**LIVESTOCK WASTE PROGRAM
FINAL NOTICE OF CONSTRUCTION PLAN COMPLETION
Non-Lagoon Livestock Waste Handling Facility**

Registrant:

Trent Zwicker
Zwicker Farm
17220 - 99th Street
Orion, IL 61273

Facility Location:

Sherrard, IL

Facility ID#:

LF1610170000

Date Issued: December 8, 2018

The Department has received a certification notice from the owner or operator relative to the completion of construction of a non-lagoon livestock waste handling structure at the aforementioned facility. The certification indicates that the waste handling structure has been constructed or modified in accordance with the requirements of the Livestock Management Facilities Act (Act) (510 ILCS 77/1 et seq.) and rules and that the information provided during the registration process is correct.

On 11/13/2018, Department representatives conducted a final inspection at the facility pursuant to the Livestock Management Facilities Act (510 ILCS 77/13 (g)). No deviations from the construction plan were noted during the inspection. Inspections of the facility were also conducted prior to and during the construction phase of the project.

Pursuant to the Section 13 of the Livestock Management Facilities Act, the construction plan and certification requirements of the Act have been met. The owner or operator of the livestock waste handling facility may proceed to place the structure into service.

Pursuant to 35 Illinois Administrative Code 506.304 (c), this structure was required to install a perimeter foundation drain that included a sampling port to allow for quarterly sampling pursuant to 8 Illinois Administrative Code 900.511. The samples must be analyzed for the following items: nitrate-nitrogen, phosphate-phosphorus, chloride, sulfate and ammonia-nitrogen. **The quarterly sampling period assigned to your facility is as follows: January, April, July and October.** Please be advised that sample results must be submitted to the Department within 30 days after sample collection and must contain a discussion relative to the significance of the results.

If you have any questions or comments, please feel free to contact us at 217/785-2427.

Sincerely,

ILLINOIS DEPARTMENT OF AGRICULTURE

Handwritten signature of Warren D. Goetsch.

Warren D. Goetsch, P.E.
Deputy Director

Handwritten signature of Douglas C. Owens.

Douglas C. Owens, Chief
Bureau of Environmental Programs

cc: file
Poe, IEPA

LF1610170000 cpfinal



Bureau of Environmental Programs

State Fairgrounds • P.O. Box 19281 • Springfield, IL 62794-9281 • 217/785-2427 (voice) • Fax 217/524-4882
Pesticide Misuse Hotline 1-800-641-3934 (voice) • 1-866-287-2999 (TDD/TTY)

November 9, 2018

Trent Zwicker
Zwicker Farm
17220 - 99th Street
Orion, IL 61273

Re: Facility ID#: LF1610170000

Dear Facility Owner/Operator:

Pursuant to the Livestock Management Facilities Act (Act) [510 ILCS 77/et seq.], a during construction inspection was conducted at your facility on 10/25/2018 by Wes Winter of the Illinois Department of Agriculture. This letter shall serve as the facility's official written notice that, at the time of the inspection, no remedial measures were deemed necessary to enable the livestock waste handling facility to meet the standards of the Livestock Management Facilities Act.

Please be advised that upon completion of the livestock waste-handling portion of your facility, you are required to submit:

- 1) Certification of Construction Form;
- 2) Certification of Concrete Quality Form;
- 3) \$250 filing fee; and
- 4) Supporting justification documentation, including a complete photographic record of the construction process.
- 5) Certification of initial perimeter drain sample.

Once received, the Department will conduct a final construction inspection to determine overall compliance with the Act. **Please be advised that the certification documents must be submitted to the Department, the final inspection conducted and final approval issued by the Department prior to placing the structure into service.** Failure to comply with the aforementioned items may result in an administrative action/penalty issued by the Department and may prohibit your facility from being used.

If you have any questions or if the Department may be of service to you, please feel free to contact us at 217/785-2427.

Sincerely,

ILLINOIS DEPARTMENT OF AGRICULTURE

A handwritten signature in cursive script that reads "Douglas C. Owens".

Douglas C. Owens
Bureau Chief, Environmental Programs

cc: file
LF1610170000-5day



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

Registrant:
Zwicker Farms
Trent Zwicker
17220 99th Street
Orion, IL 61273

Facility Location:
Sherrard, IL

Facility ID#
LF1610170000

Date Issued: August 3, 2018

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

Construction of a single livestock waste handling facility that shall have the following dimensions:

Maximum Length =	193 feet
Maximum Width =	102 feet
Maximum Depth =	8 feet
Design Capacity =	151,000 ft ³

Pursuant to 35 Illinois Administrative Code 506.304 (c), this structure 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 structure 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 June 14, 2018.

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

Zwicker Farm
Facility ID # LF1610170000

August 3, 2018

Further, pursuant to 510 ILCS 77/13(f), upon completion of construction but prior to the placing of the structure in service, the owner or operator shall certify to the Department that the structure has 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 structure has met the standards of the Act and rule and that it may be placed into service or identifying the remedial measures necessary to enable the structure 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



Warren D. Goetsch, P.E.
Deputy Director



Douglas C. Owens
Bureau Chief, Environmental Programs

cc: File
Deana Poe, IEPA

LF161017cpack



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August 3, 2018

ALTERNATIVE DESIGN

Zwicker Farm
Trent Zwicker
17220 99th Street
Orion, IL 61273

RE: LF1610170000

Dear Applicant:

The Department is in receipt of your request for an alternative design concerning the Zwicker Farm facility (See Attached). As required, the request did contain a certification from a Licensed Professional Engineer that the grant of the modification is at least as protective of the groundwater, surface water and the structural integrity of the livestock waste management facility as the stated requirements or that the alternative or waiver is at least as protective as the stated requirements.

Please consider this letter as your written notification that the alternative design request(s) has been granted pursuant to 35 Illinois Administrative Code 506.106. If you have any questions or if the Department may be of service to you, please contact us at 217-785-2427.

Sincerely,

ILLINOIS DEPARTMENT OF AGRICULTURE

A handwritten signature in black ink that reads "Warren D. Goetsch". The signature is written in a cursive style with a horizontal line extending to the right.

Warren D. Goetsch, P.E.
Deputy Director

cc: file
LF161017Alternativedesign

Mr. Bryon Kelchen
Re: Jim and Trent Zwicker Hog Facility
June 2, 2018
Page 2 of 2

Hog Slat Dead Load	44 psf
Beam Dead Load	89 plf
Livestock Use	Swine to 500# (no vehicle equipment loads)
Floor Slat Unit Live Loads	170 plf each slat span between interconnections / supports 85 plf full span of each slat
Beam Uniform Live Load	70 psf over contributing width
Concrete Unit Weight	150 pcf
Concrete Strength	7,000 psi compressive strength at 28 days
Reinforcing Bars	ASTM A615, Gr. 60 (#4 and larger), Gr. 40 (#3)
Deformed Wire Reinforcing	ASTM A496, Gr. 80
Minimum Slat Bearing Length	2"
Minimum Beam Bearing Length	4"


This letter shall serve as certification that the precast slats and beams described above will support the design loads listed and that the grant of modification is at least as protective of the groundwater, surface water and structural integrity of the Livestock Waste Management Facility Act as the stated requirements.

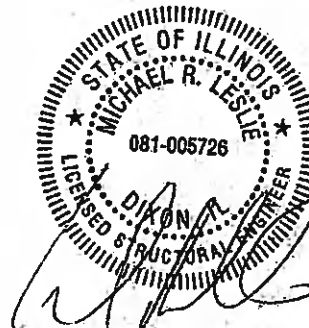
Please call me at 309-517-1119 if you have any questions or need any additional information.

Sincerely,

WILLETT, HOFMANN & ASSOCIATES, INC.

BY


Michael R. Leslie, P.E., S.E.
License # 081-005726
Expires 11/30/2018



MRL:er

cc: Mr. Chris Harmsen - Precision Structures, Inc
Mr. Matt Wagner - Wagner Consulting and Agriculture (via email)
Livestock Waste Program, Illinois Department of Agriculture
File

6/2/18
EXP 11/30/18



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**LIVESTOCK WASTE PROGRAM
ACKNOWLEDGMENT OF "SETBACK COMPLIANCE"**

Registrant:
Zwicker Farm
Trent Zwicker
17220 99th Street
Orion, IL 61273

Facility Location:
Sherrard

Facility Identification Number:
LF1610170000

June 26, 2018

Dear Facility Owner/Operator:

Your notice of intent to construct was received by the Department and reviewed for compliance with the provisions of the Livestock Management Facilities Act (510 ILCS 77/1 et seq.) and associated rules (8 Illinois Administrative Code Part 900). Pursuant to 510 ILCS 77/11, the Department hereby provides notice to Zwicker Farm that the setback provisions of the Livestock Management Facilities Act have been met.

Please be advised that this Acknowledgment of "Setback Compliance" is applicable only to the project specifically described in the notice filed with the Department. Also, please be advised that, pursuant to 8 IAC 900.304, the date the Department issued the acknowledgment of setback compliance pursuant to 8 IAC 900.303 (b)(3) or notified the owner or operator that all information had been submitted pursuant to 8 IAC 900.303(c)(1), [June 26, 2018], shall be considered as the base date for setback determination purposes. The base date shall expire within one year, unless the conditions of 8 IAC 900.304 (b) have been met.

Please be advised that the construction of said facility shall not begin until all other applicable requirements of the Livestock Management Facilities Act as well as any other applicable laws and regulations have been met. This includes mailing copies of the complete notice of intent to construct form to owners of property within the setback areas, approval of construction plans for the livestock waste handling facility, and compliance with the public informational meeting requirements 510 ILCS 77/12 (if applicable). Please be advised that copies of the complete notice of intent to construct form must be mailed by certified mail, return receipt requested, to the owners of property within 10 days after receipt of this letter. Please provide the Department with a copy of the certified mail receipts (PS Form 3800).

Please also be advised that the scope of this acknowledgment is expressly limited to compliance with the setback provisions of 510 ILCS 77/11 and associated rules. Thus, no statements relative to

Zwicker Farm
ID # LF1610170000

Page 3

CERTIFIED MAIL REMINDER

7002 2030 0005 4481 6831

U.S. Postal ServiceSM	
CERTIFIED MAILSM RECEIPT	
<i>(Domestic Mail Only; No Insurance Coverage Provided)</i>	
For delivery information visit our website at www.usps.com .	
OFFICIAL USE	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$
Postmark Here	
Sent To	
Street, Apt. No., or PO Box No.	
City, State, ZIP+4	
PS Form 3800, June 2002	
See Reverse for Instructions	

Please be advised that within 10 days of receipt of the Department's "Acknowledgement of Setback Compliance" letter, the owner or operator of the proposed facility must mail by certified mail, return receipt requested, a copy of the complete notice of intent to construct application to the owners of the property located within the setback areas.

Please provide the Department with a copy of the Postal Service 3800 Form (see photo) for each of the property owners. The Department will be unable to make a final determination concerning your proposal until they are in receipt of these forms.

If you have any questions concerning the aforementioned mailing process, please contact the Department at 217-785-2427.

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 April 12, 2019, 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:

Trenten Zwicker
13616 104th Street
Coal Valley, Illinois 61240

Copies also provided electronically as follows:

Illinois Department of Revenue
via email at REV.PropTaxApp.illinois.gov
101 West Jefferson
P.O. Box 19033
Springfield, Illinois 62794

[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/ Jacob H. Smith
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