

**BEFORE THE ILLINOIS POLLUTION CONTROL BOARD**

**Doug Temple** )  
**(Property Identification Number** ) **PCB 19-**  
**07-26-400-006)** ) **(Tax Certification)**  
 )

**NOTICE**

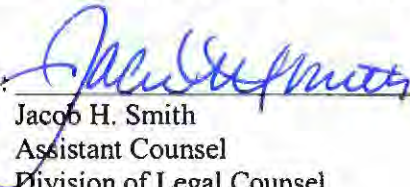
Steve Santarelli  
Illinois Department of Revenue  
101 West Jefferson  
Post Office Box 19033  
Springfield, Illinois 62794

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

Doug Temple  
13349 Frog Pond Road  
Fulton, Illinois 61252

**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**, a copy of which is herewith served upon you.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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

DATED: August 15, 2018

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**

**Doug Temple**  
**(Property Identification Number**  
**07-26-400-006)**

)  
) **PCB 19-**  
) **(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: August 15, 2018

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**

**Doug Temple** )  
**(Property Identification Number** ) **PCB 19-**  
**07-26-400-006)** ) **(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 December 26, 2017, the Illinois EPA received a request from Doug Temple (log number TC-139038, 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: 

Doug Temple  
13349 Frog Pond Road  
Fulton, IL 61252

The proposed water pollution control facilities in this request are located in the SE ¼ of Section 26, T21N, R3E of the 4th P.M. in Whiteside County, at the above street address and consist of the following:

The livestock waste handling facilities consists of one concrete manure pit (approximately 61 ft. x 72 ft. x 8 ft. deep) with two concrete manure pump out pits (approximately 6 ft. x 6 ft. each) and the portion of plastic slotted flooring over the manure pit.

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

3. Section 11-10 of the Property Tax Code, 35 ILCS 200/11-10 (2014), 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 (2014), 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 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:   
Jacob H. Smith  
Assistant Counsel  
Division of Legal Counsel

Dated: August 15, 2018

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: Darin LeCrone, Manager, Industrial Unit, Permit Section *DL*

Date: **AUG 07 2018**

Re: Doug Temple – Fulton  
Recommendation of Tax Certification  
Log # TC-139038  
BOW ID: W1958060005  
Property Identification # 07-26-400-006

**RECEIVED**  
Division of Legal Counsel  
**AUG 08 2018**  
Environmental Protection  
Agency

The Bureau of Water received a request on December 26, 2017 from Doug Temple for an Illinois EPA recommendation regarding the tax certification of water pollution control facilities pursuant to 35 Il. Adm. Code 125.204. We offer the following recommendation.

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

Doug Temple  
13349 Frog Pond Road  
Fulton, IL 61252

Section 26, Township 21N, Range 3E of the 4th PM in Whiteside County.

Livestock waste management facilities consisting of one concrete manure pit (approximately 61 ft. x 72 ft. x 8 ft. deep) with 2 concrete manure pump out pits (approximately 6 ft. x 6 ft. each) and the portion of plastic slotted flooring over the manure pit.

These livestock waste management facilities are used to collect, transport and/or store livestock wastes 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.

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

DEL:TJF:TC-139038.docx

cc: Tax Cert File

Project Name: Doug Temple  
Reviewer: Thaddeus Fambir  
Log No.: TC-139038

Location: Fulton  
Date: 7/27/17  
Type:  Agchem  
 Livestock

Applicant: Doug Temple  
13349 Frog Pond Rd.  
Fulton, IL 61252  
309-230-7819

Contact: applicant  
Phone: 309 230 7819

Facility: same as applicant

Property ID: 07-26-400-006

Legal Description: Section 26 T21N R3E of 4th PM

County: Whiteside

Date Control Devices Installed: 2/2013

Provided Fair Cash Value: \$200,000

Signature: signed by Doug Temple

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:

one concrete manure pit (approximately 6 ft x 12 ft x 8 ft deep) w/ plastic slats  
and 2 concrete pumpouts (each = 6 ft x 6 ft)

Structure described in "Describe Pollution Abatement Control Facility" in  
application and shown on plan sheet labeled "11200 Head Nursery Facility  
for Doug Temple"  
plastic slats indicated in 7/27/18 email

Waste flow shown in "Waste Flow Diagram" received 7/27/18.

Other: plastic slats confirmed in 7/27/18 email from Doug Temple

**TC 139038**

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

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

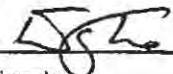

This Agency is authorized to request this information under Illinois Revised Statutes, 1979, Chapter, 120, Section 502a-5. Disclosure of this information is voluntary. However, failure to comply could prevent your application from being processed or could result in denial of your application for certification.

| FOR AGENCY USE  |  |   |  |  |
|---|--|---|--|--|
| File No.  | Date Received  | Certification No.   | Date   |  |
| Sec. A<br><br><br><br><br><br><br><br><br><br><br>APPLICANT | Company Name   |   |  |  |
|   | Person Authorized to Receive Certification<br><i>Doug Temple</i>   |   | Person to Contact for Additional Details<br><i>Doug Temple</i>               |  |
|   | Street Address<br><i>13349 Frog Pond Rd</i>  |   | Street Address<br><i>13349 Frog Pond Rd</i>                                  |  |
|   | Municipality, State & Zip Code<br><i>Fulton IL 61252</i>   |   | Municipality, State & Zip Code<br><i>Fulton IL 61252</i>                     |  |
|   | Telephone Number<br><i>309 230 7819</i>  |   | Telephone Number<br><i>309 230 7819</i>                                      |  |
|   | Location of Facility<br>Quarter Section      Township      Range<br><i>26                                  21                                  3</i>   |   | Municipality      Township<br><i>Whiteside                  Garden Plain</i> |  |
|   | Street Address<br><i>13349 Frog Pond Rd.</i>   |   | County      Book Number<br><i>Whiteside</i>                                  |  |
|   | Property Identification Number<br><i>07-26-400-006</i>   |   | Parcel Number<br><i>07-26-400-006</i>  |  |
|   | Sec. B<br><br><br><br><br>MANUFACTURING OPERATIONS   | Nature of Operations Conducted at the Above Location<br><br><i>Swine Feeding Facility</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<br><br><br>MANUFACTURING PROCESS                     | Describe Unit Process  |   |  |  |
|   | Materials Used in Process<br><br><i>SW/WS/IFAS</i>   |   |  |  |
| Sec. D<br><br>POLLUTION CONTROL FACILITY DESCRIPTION        | Describe Pollution Abatement Control Facility<br><i>All waste is captured and stored in the pit. pit is 61'-2" x 72' x 8' deep. Build is located in Mississippi watershed and keeps manure from entering river. It also protects ground water contamination.</i> |   |  |  |

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DEC 26 2017

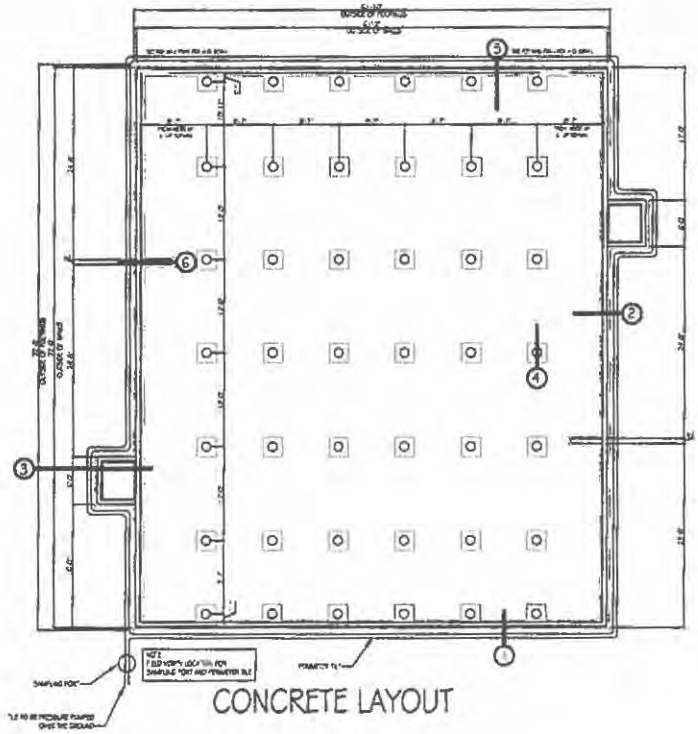
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JAN 02 2018



|   |   |  |   |
|---|---|--|---|
| Sec. E                                    | (1) Nature of Contaminants or Pollutants  |  |   |
| POLLUTION CONTROL FACILITY - CONTAMINANTS |   |  | Material Retained, Captured or Recovered  |
|   | Contaminant or Pollutant  | DESCRIPTION  | DISPOSAL OR USE   |
|   | Swine manure  |  | applied as fert.  |
|   |   |  |   |
|   |   |  |   |
|   | (2) Point(s) of Waste Water Discharge   |  |   |
|   | None  |  |   |
|   | Plans and Specifications Attached   |  | Yes <input type="checkbox"/> No <input type="checkbox"/>  |
| (3)                                       | Are contaminants (or residues) collected by the control facility?   |  | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>                                 |
| (4)                                       | Date installation completed _____ status of installation on date of application _____   |  |   |
| ACCOUNTING DATA                           | (5) a.  | FAIR CASH VALUE IF CONSIDERED REAL PROPERTY:   | \$ 200,000  |
|   | b.  | NET SALVAGE VALUE IF CONSIDERED REAL PROPERTY:   | \$ 30,000   |
|   | c.  | PRODUCTIVE GROSS ANNUAL INCOME OF CONTROL FACILITY:  | \$ 48,000   |
|   | d.  | PRODUCTIVE NET ANNUAL INCOME OF CONTROL FACILITY:  | \$ 24,000   |
|   | e.  | PERCENTAGE CONTROL FACILITY BEARS TO WHOLE FACILITY VALUE:   | % 55  |
| 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. |  |   |
| SIGNATURE                                 | <br>_____<br>Signature   |  | <br>_____<br>Title |
| 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.                       |  |   |
| INSTRUCTIONS                              | 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.<br>Item (1) - Refers to pollutants and contaminants removed from the process by the pollution control facility.<br>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.<br>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.<br>Item (4) - State the date which the pollution control facility was first placed in service and operated. If not, explain.<br>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<br>P.O. Box 19276<br>Springfield, IL 62794-9276  | Al Keller<br>Permit Section<br>Division of Water Pollution Control   | Donald E. Sutton<br>Permit Section<br>Division of Air Pollution Control                             |

RECEIVED  
JAN 02 2018

IFPA  
BOWMAN PERMIT SECTION

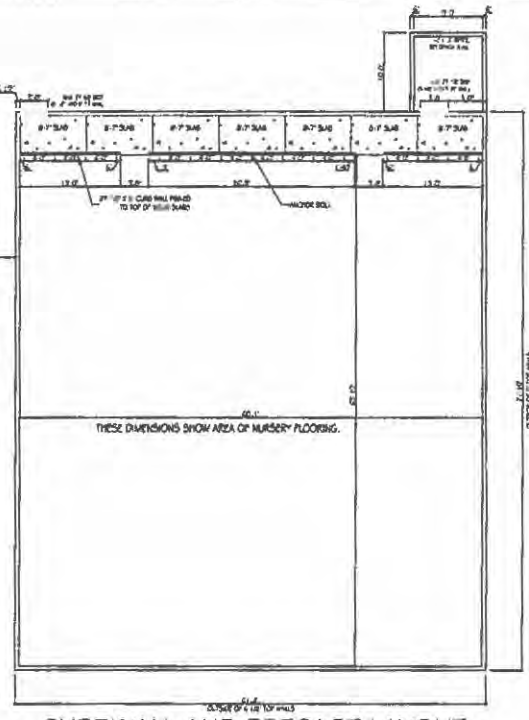


CONCRETE LAYOUT

MICHAEL R. LESUE, P.E., S.E.

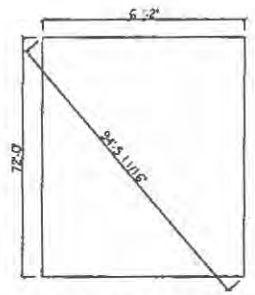
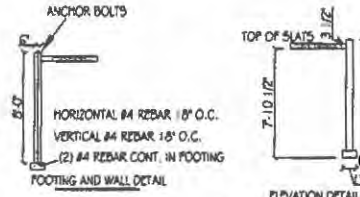
EDGE OF 8" THK WALLS UP WITH OUTSIDE OF BUILDING EXTERIOR

8" THK REINFORCED CONCRETE ON PADS WITH 2" DIA. DIAMETER FOOTHOLE REINFORCED. FOOTHOLES MUST BE A MINIMUM OF 2' DIA. IF THE BOTTOM OF THE HOLE IS NOT AT LEAST 6" INTO ORIGINAL SOIL, THEN THE HOLE MUST BE DISG. DEEPER LATER THIS IS ACHIEVED BY PLACING REBAR AT 2" O.C. BOTH DIRECTIONS IN PAD. ALSO PLACE 1/2" DIA. HOOPS IN FOOTHOLE FOOTINGS. CONNECTING THEM TO THE PAD. THE TOP OF THE PAD IS TO HAVE THE SAME ELEVATION AS THE SLAB.



CURBWALL AND PRECAST LAYOUT

PRECAST NOTE:  
ALL SLABS 5 1/2" THK. (7) SLABS TOTAL MAKE UP NURSERY FLOOR.  
SLAB IN CENTER OF TWO SLABS.  
SLAB DIMENSIONS:  
(1) 5'-0" X 6'-7" (1) 6" DRAM  
(2) 5'-0" X 6'-7" (1) 6" DRAM



SQUARE OF OUTSIDE OF 8" PIT FOUNDATION WALLS

CONSTRUCTION NOTES

- DO NOT ALLOW HEAVY SOIL PLACES WITHIN 2' OF PIT WALLS EXCEPT AT JUNCTIONS.
- REINFORCING - FABRICATE AND PLACE IN ACCORD WITH A.C.I. 3.18.08 STEEL.
- DESIGN - STRUCTURAL DESIGN ACCORDING TO IBCS 303 BY ARCHITECT PLAN SERVICE, IOWA STATE UNIVERSITY.
- CONCRETE - MINIMUM 28 DAY COMPRESSIVE STRENGTH FOOTINGS & PIT FLOOR 4000 P.S.I. WALLS & COLLARS 4000 P.S.I.
- ANCHOR BOLTS - ALL ANCHOR BOLTS SHALL BE PLACED IN FRESH CONCRETE AND POSITIONED AS REQUIRED BY FINISHING CONTRACTOR. DRILLED-AND-OR-WEDGED TYPE ANCHORS ARE NOT ALLOWED.
- MIX DESIGN USING 175 LBS SHALL BE CLASS "C" ONLY MINIMUM P.C. CONCRETE SHALL BE 9% FRESHWEIGHT AT COLLECTOR SILL TO THE MAIN FLOOR SLAB.
- DIAPHRAGM - FOOTINGS ARE DESIGNED FOR MINIMUM SOIL BEARING CAPACITY = 3000 LB/SQ. FT. CONTRACTOR SHALL CHECK SOILS AND PLACE A COMPACT SUITABLE FOOTING MATERIAL AS REQUIRED TO ACHIEVE MINIMUM SOIL BEARING CAPACITY AS ATTACHED.
- MIN. PLACE, CURE AND PROTECT CONCRETE IN ACCORD WITH A.C.I. 318.08.
- SOIL/FILL SHALL BE GRANULAR & FREE DRAINING. BACKFILL ONLY AFTER PRECAST GANG SLABS ARE PLACED.
- WATER TABLES - WATER TABLE SHALL NOT PENETRATE THE WALL OR FLOOR OF THE LUSTOCCA WASTE HOLDING BASIN FACILITY BELOW SLAB LEVEL.
- WALLS EXPOSED 9-1/2' ABOVE FLOOR LEVEL.
- FLOOR LEVEL TO MATCH SLAB LEVEL INSIDE BUILDING.
- WALLS 16" PIT WALL.
- EAST 16" WALL.

**NOTE**  
ALL REINFORCED CONCRETE SLABS AND BEAMS SHALL BE BUTTED ANCHOR OR LAPPED RIGHT THE FULL DEPTH AND WIDTH OF THEM USING 4000 P.S.I. CONCRETE GRADAT MIX.

**NOTES:**  
OVERLAP REBAR 12" MINIMUM AND WELDED WIRE @ MINIMUM ALL REBAR IS WITHIN WALL'S GRADE OR UNLESS NOTED DIFFERENTLY. WELDED WIRE IS WITHIN WALL'S GRADE. ALL CONCRETE TO BE 4000 P.S.I. @ 28 DAYS.  
REBAR TO HAVE A MINIMUM OF 2" COVER FROM SOIL, TOP AND BOTTOM OF WALL AND 3" IN FOOTINGS BACKFILL TO SOIL LEVEL.

MAKE PROVISION FOR WATER AND ELECTRICAL ENTRIES AT ALL PRECAST SLABS.  
INSTALL ANCHOR BOLTS AS SHOWN IN THE LAYOUT OF SPECIAL ANCHOR BOLTS MUST BE INSTALLED FROM THE SAME END OF THE BUILDING.  
USE STAINLESS STEEL ANCHOR BOLTS TO CARPENTERS ONLY PROVIDED BY PSI REBARBERS OF ANCHOR BOLTS TO BE STAINLESS STEEL PROVIDED BY CONCRETE SUB-CONTRACTOR.

| REFERENCE JOB # | REFERENCE JOB TITLE | REV | DESCRIPTION | BY | DATE |
|-----------------|---------------------|-----|-------------|----|------|
| 2009-03         | CONCRETE DETAILS    |     |             |    |      |
|                 |                     |     |             |    |      |
|                 |                     |     |             |    |      |
|                 |                     |     |             |    |      |

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1200 HEAD NURSERY FACILITY FOR DOUG TEMPLE

**PSI** PRECISION STRUCTURES INC  
1204 1ST AVE NORTH, MELMAHAW, IOWA  
52868  
515-646-2430

|          |           |            |          |
|----------|-----------|------------|----------|
| DATE     | 1/11/2012 | SCALE      | AS SHOWN |
| DRAWN BY | JAT       | CHECKED BY | JK       |
| DATE     | 12/20/09  | SCALE      | AS SHOWN |

CONCRETE LAYOUT

**Faught, Thaddeus**

---

**From:** Doug Temple <doug temple@gmail.com>  
**Sent:** Friday, July 27, 2018 12:59 PM  
**To:** Faught, Thaddeus  
**Subject:** [External] Fwd: Perimeter drain drawings  
**Attachments:** TEMPLE-12085-C DRAIN LAYOUT.pdf; manure flow.pdf

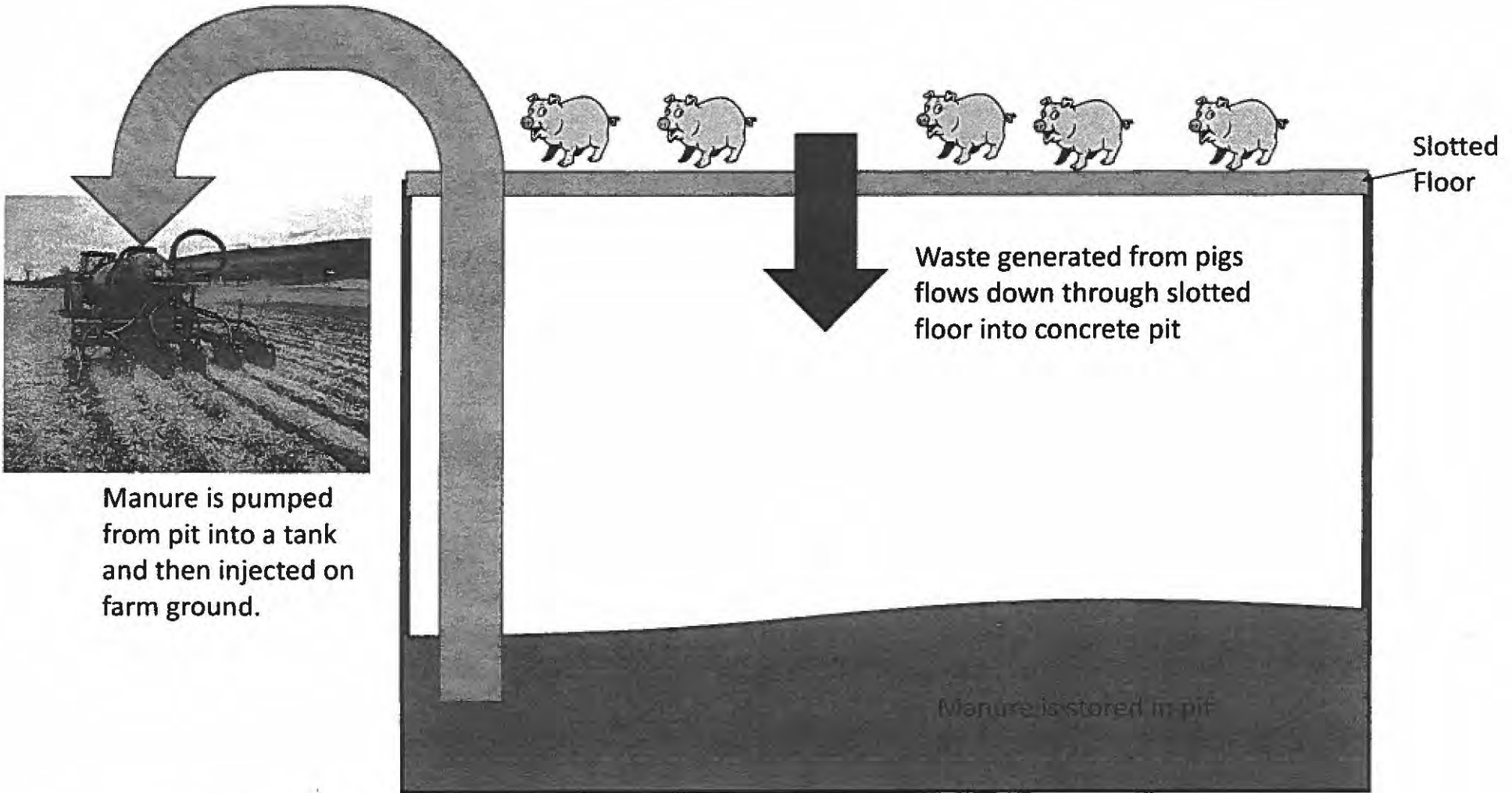
Thaddeus,

Here are the files we discussed earlier today. Please let me know if you need additional information.

Thank your for time,

Doug Temple

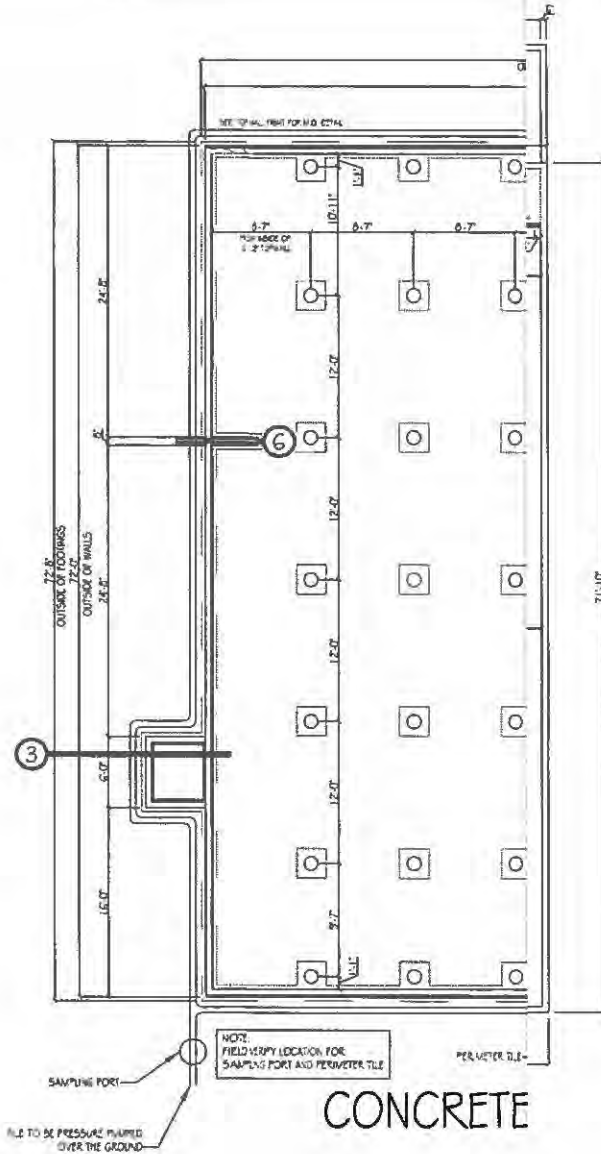
# WASTE FLOW DIAGRAM



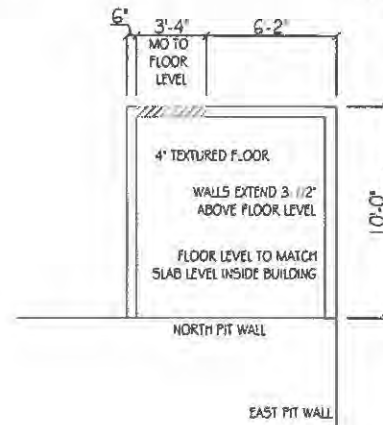
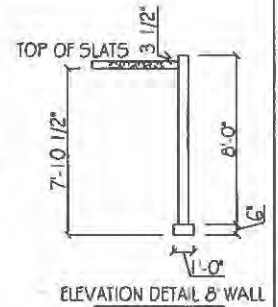
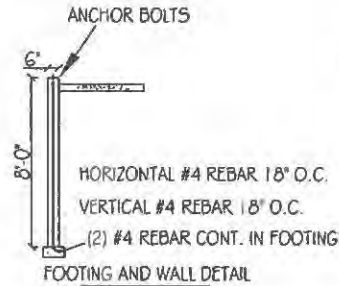
Manure is pumped from pit into a tank and then injected on farm ground.

**RECEIVED**  
JUL 27 2018  
via e-mail  
SWWS/IFAS





PRECAST NOTE:  
 ALL SLABS 5'-1/2" THICK. (7) SLABS TOTAL  
 MAKE UP HALLWAY FLOOR.  
 DRAIN IN CENTER OF TWO SLABS.  
 SLAB DIMENSIONS:  
 (2) 5'-0" X 8'-7" (WITH DRAIN)  
 (5) 5'-0" X 8'-7" (NO DRAIN)



CONSTRUCTION NOTES

- \* PIT WALLS EXCEPT AT PUMP-OUTS
- ING TO MAPS 36 WA STATE UNIVERSITY
- PLACED IN FRESH CONCRETE BY FRAMING CONTRACTOR. NCHORS ARE NOT ALLOWED
- MINIMUM SOIL BEARING
- AVATE AND PLACE 4 COMPACT 5 REQUIRED TO ASSURE MINIMUM UNED.
- FREE DRAINING GANG SLATS ARE PLACED.
- REINFORCING - FABRICATE AND PLACE IN ACCORD WITH A.C.I. 318-08 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 SHALL BE 15%  
 ENTRAINED AIR CONTENT 5% to 7%  
 MAXIMUM SLUMP 5"
- MIX, PLACE, CURE AND PROTECT CONCRETE IN ACCORD WITH A.C.I. 318-08
- INSULATE FORMS & COVER CONCRETE AS REQUIRED TO PROTECT FROM TEMPERATURES BELOW 40° F
- WATER LINES - WATER LINES SHALL NOT PENETRATE THE WALL OR FLOOR OF THE LIVESTOCK WASTE HOLDING BASING FACILITY BELOW SLAT LEVEL.

THIS IS TO CERTIFY THAT THE DESIGN OF THE PIT WALLS, PUMP-OUT WALLS, AND FOOTINGS OF THE MANURE STORAGE PIT IS SUCH THAT THE GRANT MODIFICATIONS IS AT LEAST AS PROTECTIVE OF THE GROUNDWATER SURF AND THE STRUCTURAL INTEGRITY OF THE LIVESTOCK WASTE MANAGEMENT FACILITY AS THE STATED REQUIREMENTS. CERTIFICATION ALSO INCLUDES COLUMN TO FOOTING AND DOWEL CONNECTION

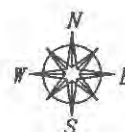
MICHA

NOTES:

- MINIMUM WELDED WIRE 6" MINIMUM 6) 5 GRADE 60 UNLESS NOTED DIFFERENTLY. J.A. 85 GRADE 60. 4000 PSI @ 28 DAYS
- MINIMUM OF 2" COVER FROM FOM OF WALL AND 3" IN FOOTINGS
- MAKE PROVISION FOR WATER AND ELECTRICAL ENTRANCES 4" THICK PRECAST SLATS
- INSTALL ANCHOR BOLTS AS SHOWN IN DETAIL LAYOUT OF SIDEWALL ANCHOR BOLTS MUST BE MEASURED FROM THE SAME END OF THE BUILDING USE STAINLESS STEEL ANCHOR BOLTS ON SIDEWALLS ONLY (PROVIDED BY PSI) REMAINDER OF ANCHOR BOLTS ARE STANDARD STEEL (PROVIDED BY CONCRETE SUB-CONTRACTOR)

**RECEIVED**  
 JUL 27 2018  
 MIB e-nil  
 SW/NS/IFAS

| REFERENCE JOB # | REFERENCE JOB TITLE | REV | DESCRIPTION |
|-----------------|---------------------|-----|-------------|
| 12085-CD        | CONCRETE DETAILS    |     |             |
|                 |                     |     |             |
|                 |                     |     |             |
|                 |                     |     |             |



1200 HEAD NURSERY FACILITY FOR DOUG TEMPLE



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

|                |                      |             |          |
|----------------|----------------------|-------------|----------|
| DRAWN BY: LAY  | DATE: 11/09/12       | REVISION:   | REVISOR: |
| JOB #: 12085-C | SCALE: 3/16" = 1'-0" | REVISED BY: |          |

CONCRETE LAYOUT

**Faught, Thaddeus**

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**From:** Doug Temple <doug temple@gmail.com>  
**Sent:** Friday, July 27, 2018 4:42 PM  
**To:** Faught, Thaddeus  
**Subject:** Re: [External] Fwd: Perimeter drain drawings

Yes they are plastic



On Fri, Jul 27, 2018, 1:26 PM Faught, Thaddeus <[Thaddeus.Faught@illinois.gov](mailto:Thaddeus.Faught@illinois.gov)> wrote:

Thanks Doug.

That looks like pretty much what we need.

I apologize if I missed it though, but where does it mention plastic slats?

I see the "note" about "All reinforced concrete slats and/or beams....."

But I realize that may be a general note about any concrete.

Can you please verify that all slats are plastic?

Thanks,

Thaddeus Faught, P.E.

Illinois EPA

217-782-3362

*7/27/18: Spoke w/ Doug Temple*

*Doug confirmed structure  
was installed February 2013.*

**From:** Doug Temple [mailto:[doug temple@gmail.com](mailto:doug temple@gmail.com)]

**Sent:** Friday, July 27, 2018 12:59 PM

**To:** Faught, Thaddeus <[Thaddeus.Faught@illinois.gov](mailto:Thaddeus.Faught@illinois.gov)>

**Subject:** [External] Fwd: Perimeter drain drawings

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 August 15, 2018, 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:

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

Doug Temple  
13349 Frog Pond Road  
Fulton, Illinois 61252

**[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**