

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

James McCune (Anderson 2))
(Property Identification Number) **PCB 21-**
0809200010)) **(Tax Certification)**
)

NOTICE

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

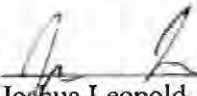
Jim McCabe
4201 N. Columbus St.,
Ottawa, IL 61350

Copies also provided electronically as follows:

Illinois Department of Revenue
Via email at REV.PropTaxApp@illinois.gov
101 West Jefferson
Post Office Box 19033
Springfield, Illinois 62794

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: 
Joshua Leopold
Assistant Counsel
Division of Legal Counsel

DATED: April 9, 2021

Illinois Environmental Protection Agency
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
(217) 558-1333

THIS FILING IS SUBMITTED ON RECYCLED PAPER

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

**James McCune (Anderson 2)
(Property Identification Number
0809200010)**

)
) **PCB 21-**
) **(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: _____



Joshua Leopold
Assistant Counsel
Division of Legal Counsel

DATED: April 9, 2021

Illinois Environmental Protection Agency
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
(217)558-133

THIS FILING IS SUBMITTED ON RECYCLED PAPER

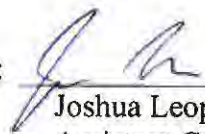
This facility is used to collect, transport, and/or store livestock waste prior to cropland application, and are further described in Exhibit A.

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:



Joshua Leopold
Assistant Counsel
Division of Legal Counsel

Dated: April 9, 2020

Illinois Environmental Protection Agency
1021 North Grand Ave. E.
P.O. Box 19276
Springfield, Illinois 62794-9276
217/558-1333



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, DIRECTOR

Memorandum

To: Mike Roubitchek, Division of Legal Counsel

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

Date: **OCT 21 2020**

Re: James McCune – Sheffield
Recommendation of Tax Certification
Log# TC-142988
Property Index# 0809200010

The Bureau of Water received a request on August 13, 2020 from James McCune 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:

James McCune (Anderson 2)
22795 Illinois Highway 40
Sheffield, IL 61361

NE ¼ of Section 9, T17N, R7E of the 4th PM in Bureau County

The livestock waste handling facilities consisting of two (2) concrete manure storage structures (approximately 51 ft. x 189 ft. x 8 ft. as P1 and 110 ft. dia. x 12 ft. ht. as E4), the concrete slatted portion of the floor over the manure pit P1 that capture and contain waste generated in the barn above, five (5) pumpout pits (approximately 6 ft. x 6 ft. x 8 ft. each) to allow manure removal from the manure pit P1, and plastic perimeter drainage pipes (approximately 540 ft. x 4 in.) located around the footing of the manure pit P1 to prevent flotation of the pit. 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

2125 S. First Street, Champaign, IL 61820 (217) 278-5800
2009 Mall Street Collinsville, IL 62234 (618) 346-5120
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000
595 S. State Street, Elgin, IL 60123 (847) 608-3131

2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760

Watershed Unit Tax Certification Review Sheet

Project Name: James McCune

Date: September 15, 2020

Reviewer: WH

Type: Agchem
 Livestock

Log number: TC-142988

Applicant: Jim McCabe
4201 N. Columbus St.
Ottawa, IL 61350

Contact: Terry Feldmann
3116 N. Dries Lane, Suite 100
Peoria, IL 61604

Phone: 309-693-7615

Facility: James McCune - Anderson 2
22795 Illinois Highway 40
Sheffield, IL 61361

Property Index#: 0809200010

Parcel#:

Legal Description:
NE of Section: 9 Twp: 17N R: 7E PM: 4th

County: Bureau

Signature: James McCune

Date Control Devices installed: December 2015

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 two (2) concrete manure storage structures (approximately 51 ft. x 189 ft. x 8 ft. as P1 and 110 ft. dia. x 12 ft. ht. as E4) and the concrete slatted portion of the floor over the manure pit P1 that capture and contain waste generated in the barn above. The concrete manure pit P1 has five (5) pumpout pits (approximately 6 ft. x 6 ft. x 8 ft. each) to allow manure removal from the P1. Plastic perimeter drainage pipe (approximately 540 ft. x 4 in.) are located around the footing of P1 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 C of the application form and the attached drawings.

Two (2) concrete manure storage structures (approximately 51 ft. x 189 ft. x 8 ft. as P1 and 110 ft. dia. x 12 ft. ht. as E4.);
Concrete slatted floor at the pit P1;
Pumpout pits attached to the manure pit, 5 x 6 ft. x 6 ft. x 8 ft.
Plastic perimeter drainage tiles at the pit: 540 ft. x 4 in.

A plan view of the pit and a process flow diagram were submitted with the application. Revise diagram for E4 and facility's physical address were received 9/14/2020 via email

Recommended Action: Issue tax certification.

Han, Wei

From: Daniel N. Feucht <dnfeucht@mstutz.com>
Sent: Monday, September 14, 2020 10:42 AM
To: Han, Wei
Cc: Terry L. Feldmann; James McCabe
Subject: [External] RE: McCune PCF Applications
Attachments: Mom's_TC-142989_V2 9-14-20.pdf; M7_TC-142993_V2 9-14-20.pdf; M4_TC-142992_East Site_V2 9-14-20.pdf; M3_TC-142994_V2 9-14-20.pdf; BoarPower_TC-1 42990_V2 9-14-20.pdf; A2_TC-142988_V2 9-14-20.pdf

Wei,

Thanks for your timely review. After consulting with James McCune (owner/operator) we are submitting the attached revised facility applications/descriptions.


- 1: Physical addresses for facilities listed have been added to Page 1 of the applications.
- 2: Log Number: TC-142988: The manure diagram has been correctly labeled.
- 3: Log Number: TC-142994: The constructed material of the slurrystore tank is steel with glass lining. The forcemain from the lift station to the slurrystore tank is 6" diameter PVC.

Let me know if this answers your questions or if you have any further. The revised applications will be sent paper mail at your request.

Regards,

Daniel


Daniel Feucht, CCA
 **MAURER-STUTZ** | Agricultural Services Group
3116 N. Dries Lane Suite 100 | Peoria, IL 61604
Ph: (309) 693-7615 | Fax: (309) 693-7616 | Cell: (309) 635-5046
Email: dnfeucht@mstutz.com | Website: www.mstutz.com

 Please consider the environment before printing this email.

From: Han, Wei <Wei.Han@Illinois.gov>
Sent: Tuesday, August 25, 2020 4:32 PM
To: Daniel N. Feucht <dnfeucht@mstutz.com>
Cc: James McCabe <jmccabe@ivfbfm.org>; Terry L. Feldmann <tlfeldmann@mstutz.com>
Subject: RE: McCune PCF Applications

Mr. Feucht,

The Agency has received and reviewed the attached applications. The following information is considered missing and needed for the Agency to complete the review.

 Please consider the environment before printing this email.

State of Illinois - CONFIDENTIALITY NOTICE: The information contained in this communication is confidential, may be attorney-client privileged or attorney work product, may constitute inside information or internal deliberative staff communication, and is intended only for the use of the addressee. Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify the sender immediately by return e-mail and destroy this communication and all copies thereof, including all attachments. Receipt by an unintended recipient does not waive attorney-client privilege, attorney work product privilege, or any other exemption from disclosure.

This email has been scanned for spam and viruses by Proofpoint Essentials. Click [here](#) to report this email as spam.



Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Application for Certification (Property Tax Treatment) Pollution Control Facility

FOR AGENCY USE ONLY	
File Number: _____	Date Rec'd: _____
Certification Number: _____	Date: _____

Facility Type (check one): Air Water

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

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

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

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

IEPA
BOWWPC/PERMIT SECTION

RECEIVED
AUG 14 2020

I. Applicant Information:

Company Name: <u>James McCune</u>	Person to Contact: _____
Person Authorized to Receive Certification: <u>Jim McCabe</u>	for Additional Details: <u>Terry L. Feldmann, PE</u>
Street Address: <u>4201 N. Columbus St.</u>	Street Address: <u>3116 N. Dries Lane, Suite 100</u>
City: <u>Ottawa</u> State: <u>IL</u>	City: <u>Peoria</u> State: <u>IL</u>
Zip: <u>61350</u> Phone: <u>815-433-1635</u>	Zip: <u>61604</u> Phone: <u>309-693-7615</u>
Email Address: <u>jmccabe@ivfbfm.org</u>	Email Address: <u>tfeldmann@mstutz.com</u>

II. Facility Information:

Facility Location: Quarter Section: NE-9 Township: 17N Range: 7E
 Municipality: _____ Township: Manlius

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

Address: 41.478607, -89.686544 City: _____
 State: _____ Zip Code: _____ County: Bureau Book Number: _____

Property Index Number: 0809200010

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:

NA

Permit Information:

WPC Construction Permit Number: _____	Date Issued: _____
NPDES Permit Number: _____	Date Issued: _____ Exp. Date: _____
APC Construction Permit Number: _____	Date Issued: _____
APC Operating Permit Number: _____	Date Issued: _____ Exp. Date: _____

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

IL 532-0222
 APC 151 9/2014

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

Manufacturing Process Information:

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

NA

Materials Used in the Process:

NA

Pollution Control Facility Information:

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

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

See Attachment 1: Facility Pollution Control Facility Description

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

See Attachment 2: Purpose of the Pollution Control Facility

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

Federal: Title 35, Subtitle E, Chapter I, Part 502&502; State: Title 8, Chapter 1, Subchapter t, Part 900

Nature of Contaminants or Pollutants:

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

Contaminant or Pollutant	Material Retained, Captured or Recovered	
	Description	Disposal or Use
Swine Manure	Manure	Land Application for Crop Nutrients

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

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: 12-31-2015

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

See Attachment 3: Date of First Service

Status of installation on date of application:

See Attachment 4: Status of Installation
--

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))

James McCune

Printed Name:

OWNER

Title:

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



Signature:

8-13-2020

Date:

Application for Certification (Property Tax Treatment) Pollution Control Facility
James McCune – Anderson 2
By: Maurer-Stutz, Inc

ATTACHMENT 1: Facility Pollution Control Facility Description

The facility consists of three shallow pit finisher barns, one deep pit finisher barn, a slurry store, and a concrete round tank. The shallow pit barns drain either to concrete tank, E4, or to a small reception pit/lift station that is used to pump the manure to the slurry store, E5.

In a certification issued in December of 1999, buildings/structures E1, E2, E3, E5, and the lift station were certified. Since that certification, Buildings E4 and P1 have been constructed.

The farm is seeking certification on the following swine building and storage structures:

E4	110'-0"Ø x 12'-0"	Round concrete uncovered storage pit
P1	51'-2" x 189'-4" x 8'-0"	Deep pit below slats concrete storage pit

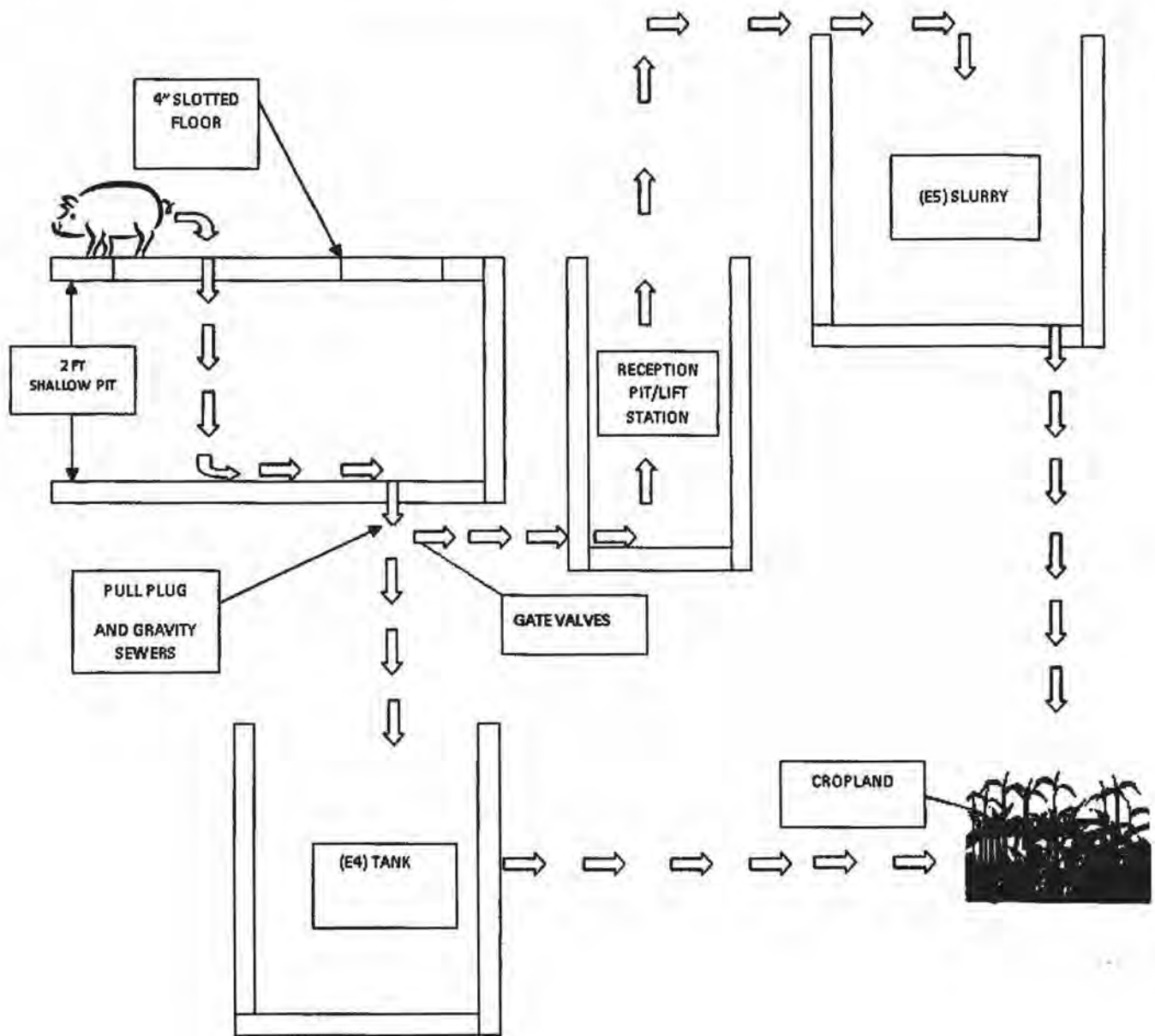
The concrete tank, identified as E4 on the plans, is 12ft deep and consist of a 5" thick base slab and 10" thick pit walls. The walls have footings that are 10" thick and 24" wide. The recessed sump area is 5'-0"x 5'-0" x 11" deep. The tank has 2 recessed sump areas that collect manure and allow manure transfer through a hose to be pumped for field application. Two 8" PVC gate valves and 20' of 8" SDR-35 PVC gravity sewer pipe have been added to the previously certified waste transfer pipe system. The gate valves allow manure to be directed either to E4 or the lift station from the shallow pit barns.

The building identified as P1 on the plans has an 8ft deep pit that consists of a 4" thick base slab and 8" thick pit walls. Precast concrete slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pits. The walls have footings that are 9" thick and 18" wide. Columns within the pits are 12" in diameter, 7'-2" tall and supported by 36"x36" square footings. The columns support 8"x10"x12ft long precast concrete floor beams. The floor beams support a 4" thick precast concrete slotted gang slat floor. Each pumpout pit is 6'-0" x 6'-0" with 8" thick walls. Footings around the pumpout pit walls measure 1'-6" by 1'-4" inches thick. The recessed sump area is 3'-10"x 5'-4" x 11" deep. The barn has 5 pumpout pits that collect manure and allow manure transfer through a hose to be pumped for field application. A perimeter drain is used to control the seasonal high water table. The total length of 4" corrugated perforated plastic pipe perimeter drain is 540 ft.

The facility protects ground and surface water by providing collection and storage of livestock waste for around 365 days. The waste will be applied agronomically to cropland under proper soil and weather conditions.

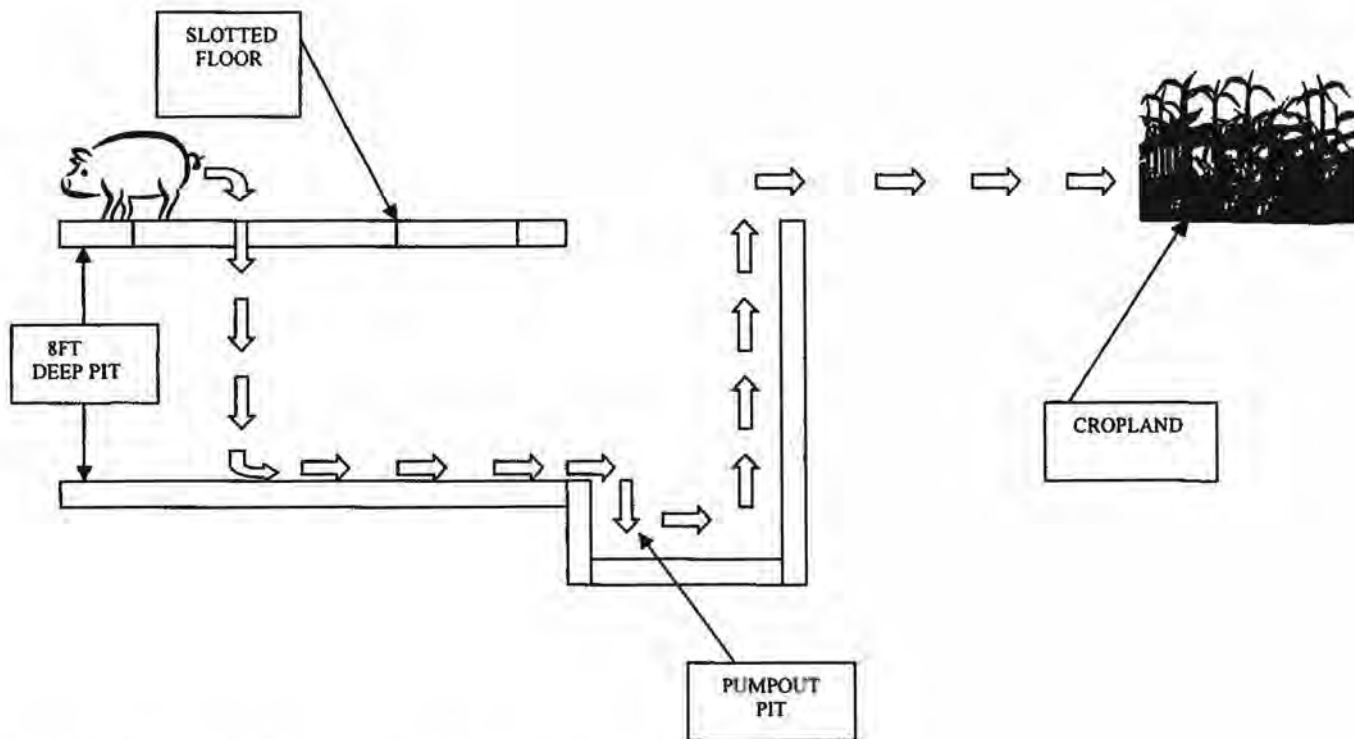
Application for Certification (Property Tax Treatment) Pollution Control Facility
James McCune – Anderson 2
By: Maurer-Stutz, Inc

MANURE DIAGRAM – E1, E2, & E3



Application for Certification (Property Tax Treatment) Pollution Control Facility
James McCune – Anderson 2
By: Maurer-Stutz, Inc

MANURE DIAGRAM: P1



ATTACHMENT 2: Purpose of Pollution Control Facility

The primary purpose of the facilities is to provide collection and storage for the manure until it can be properly land applied to cropland at agronomic rates.

ATTACHMENT 3: Date of First Service

The pollution control facility was first placed into service and operated in 1999. Additional buildings expanding the facility were constructed in 2013 & 2015, with the last constructed being placed into service in January 2016.

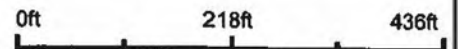
ATTACHMENT 4: Status of Installation

Facilities described in Attachment 1 are fully constructed and in service as of January 1, 2016.

James McCune - Anderson 2 Site



Map Center: 41.478607, -89.686544



MAURER-STUTZ
ENGINEERS SURVEYORS

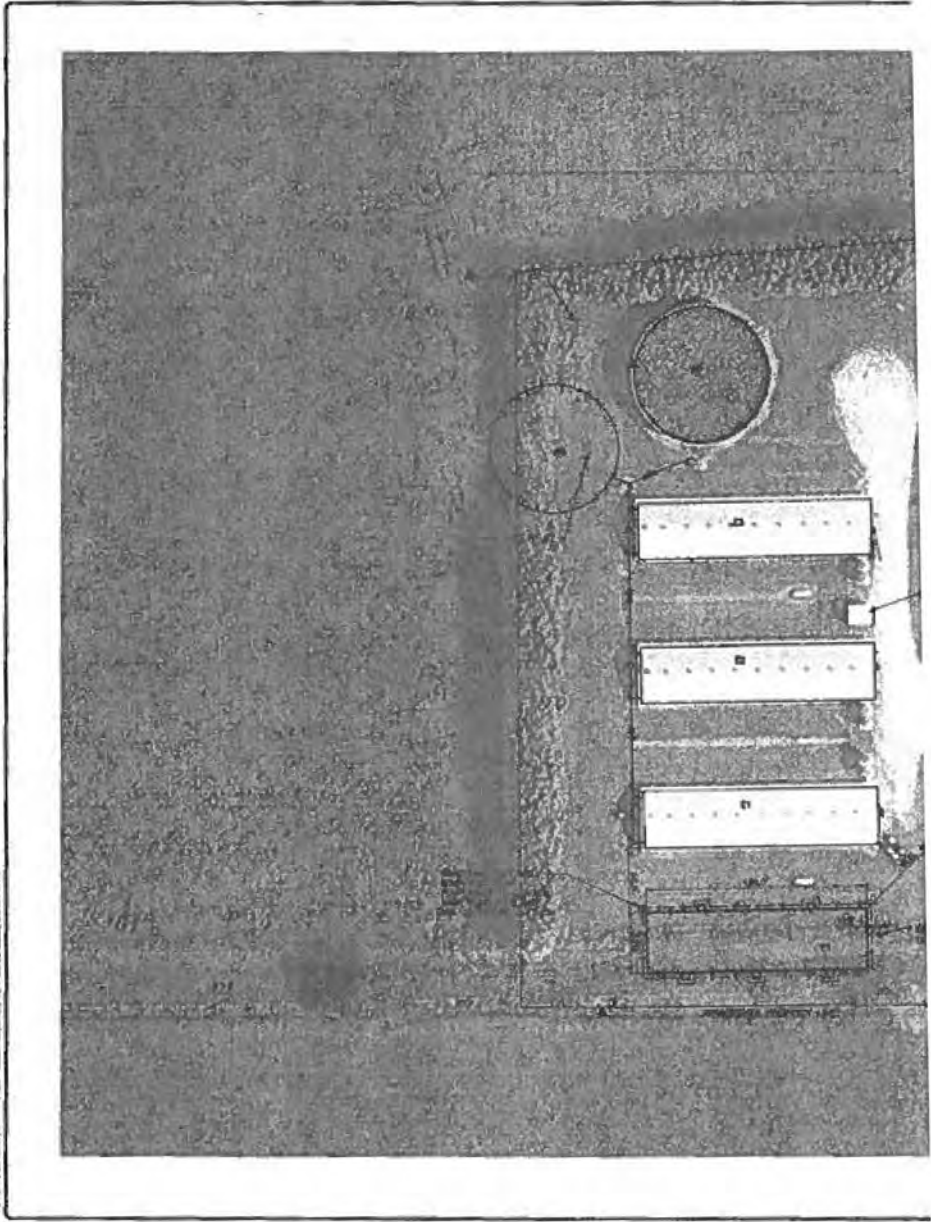
9-17N-7E
Bureau County
Illinois

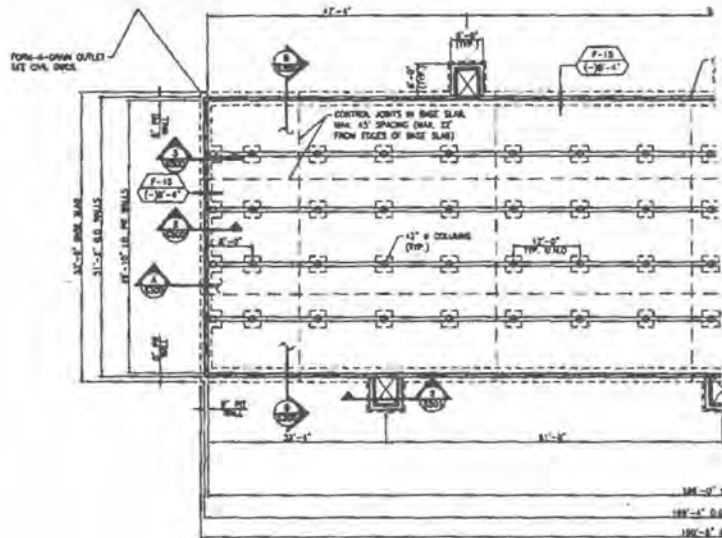
Maps Provided By:

CUSTOMERIZED ONLINE MAPPING
© AgriData, Inc. 2019 www.AgridataInc.com



6/18/2020





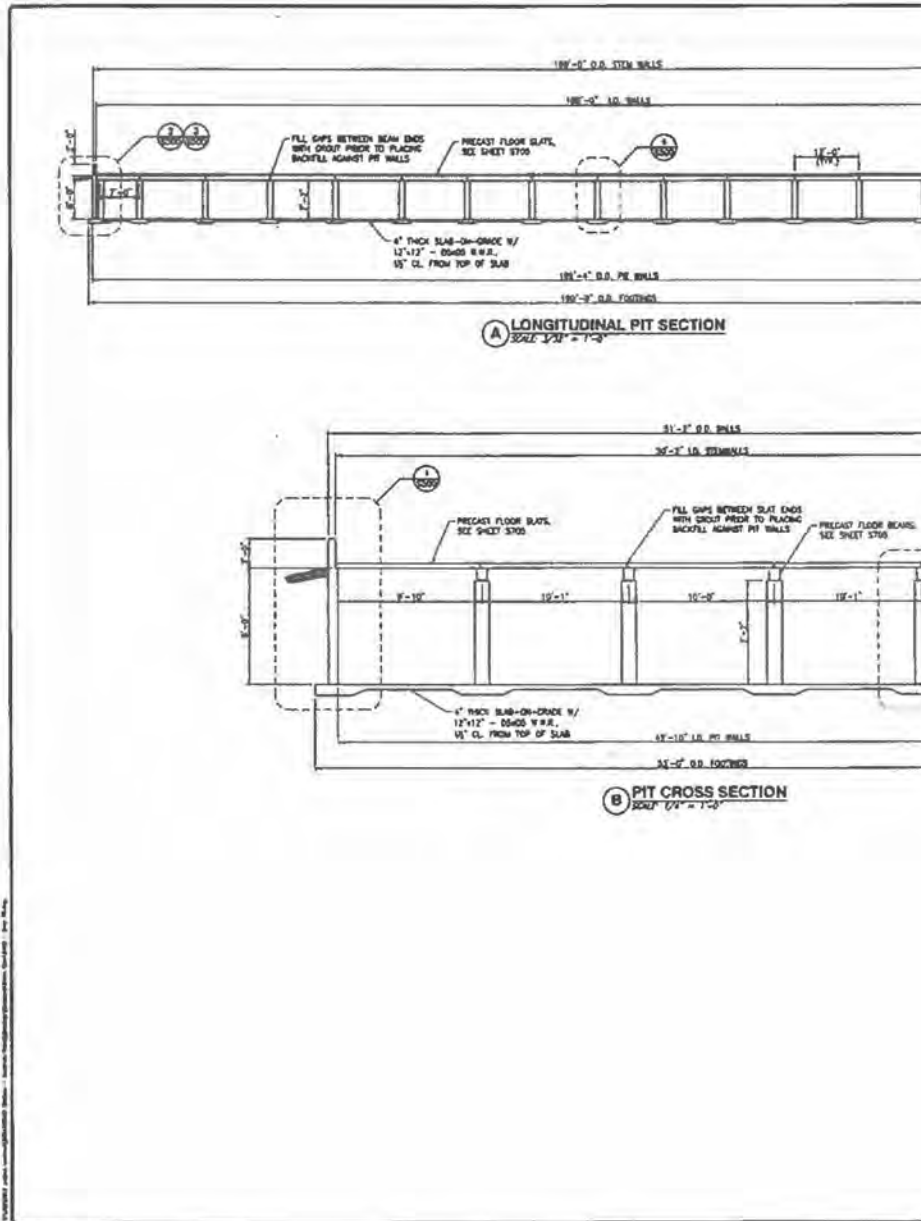
CONCRETE
SCALE 3/8" = 1'-0"

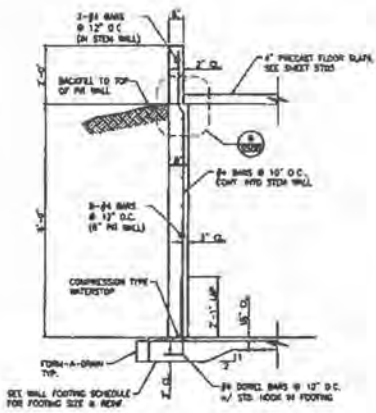
DESIGN CRITERIA

1. CONCRETE, $f_c = 4,000$ psi
2. REINFORCEMENT, $f_y = 60,000$ psi
3. ALLOWABLE SOIL BEARING PRESSURE = 2000 psi (NET)
4. FLOOR DEAD LOAD = 24.8 psf (SLATS)
5. FLOOR LIVE LOAD = 37.5 psf (FINISHER PACK)
6. ROOF SNOW LOAD = 20 psf
7. LATERAL SOIL PRESSURE = 83 psf/ft
8. LOCATION: BUREAU CO., ILLINOIS

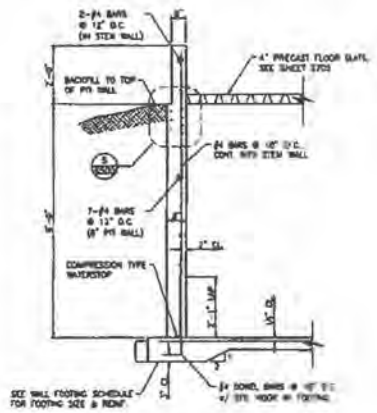
PLAN NOTES

1. THE TANK AND BASE SLAB ARE NOT DESIGNED FOR HYDROSTATIC PRESSURES OR BUOYANCY. MAINTAIN THE GROUND WATER TABLE BELOW THE TOP OF THE BASE SLAB.
2. THE CONTRACTOR SHALL ENSURE THE WATER-TIGHTNESS OF THE PIT BY PROPER INSTALLATION AND DETAILING OF THE WATERSTOPS AND JOINT DETAILS AS SHOWN IN THESE PLANS AND PER THE MANUFACTURER'S RECOMMENDATIONS.
3. WATERSTOPS SHOWN IN THESE PLANS SHALL BE AS FOLLOWS:
 - COMPRESSION TYPE WATERSTOP - GREENSTREAM SHELLSTOP OR EQUAL.
 - BASE SEAL WATERSTOP - GREENSTREAM JASB OR EQUAL.
 - PVC WATERSTOP - GREENSTREAM #170, #70A, OR EQUAL AS SHOWN.
4. CONTROL (OR CONSTRUCTION) JOINTS SHALL BE PROVIDED IN THE SLAB AND WALLS AS SHOWN IN THE PLAN VIEW AND IN ACCORDANCE WITH THE DETAILS ON SHEET 5700. DO NOT LOCATE JOINTS WITHIN 6" OF A COLUMN FOOTING OR WITHIN 3'-0" FROM A PUMP-OUT.
5. WALL JOINTS IN THE ENDWALL SHALL BE CONSTRUCTION JOINTS WITH ALL HORIZONTAL BARS CONTINUOUS OR LAP SPACED ACROSS THE JOINT.
6. SEE SHEET 5300 FOR BASE SLAB THICKNESS AND REINFORCEMENT.
7. FOOTINGS SHALL BE CENTERED UNLESS OTHERWISE SHOWN.
8. TOP OF FOOTING ELEVATION OF SLATS = 0'-0" SEE SHEET 5700.
9. OTHER THAN AT THE PIT IF VEHICLE/SLIP SURCHARGE PER EQUIPMENT WITHIN 5' OF IT.
10. NO CONDUITS (ELECTRICAL, WATER, ETC.) SHALL BE BELOW THE SLATS.
11. TANK MUST BE BACKFILLED TO FINISH ELEVATION IN THE ALL RESULTING GAPS PRIOR TO POURING CONCRETE.
12. BACKFILL SHALL BE PLACED BACKFILL MORE THAN 6" FT.
13. REFER TO WRITTEN SPECIFICATIONS.

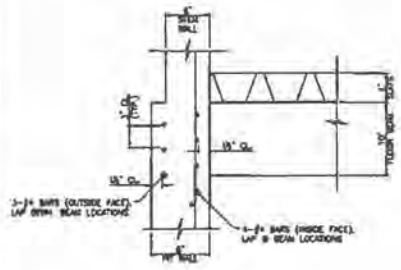




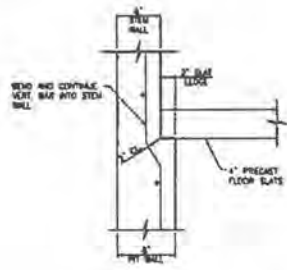
1 TYP. SIDE WALL SECTION
SCALE: 1/2" = 1'-0"



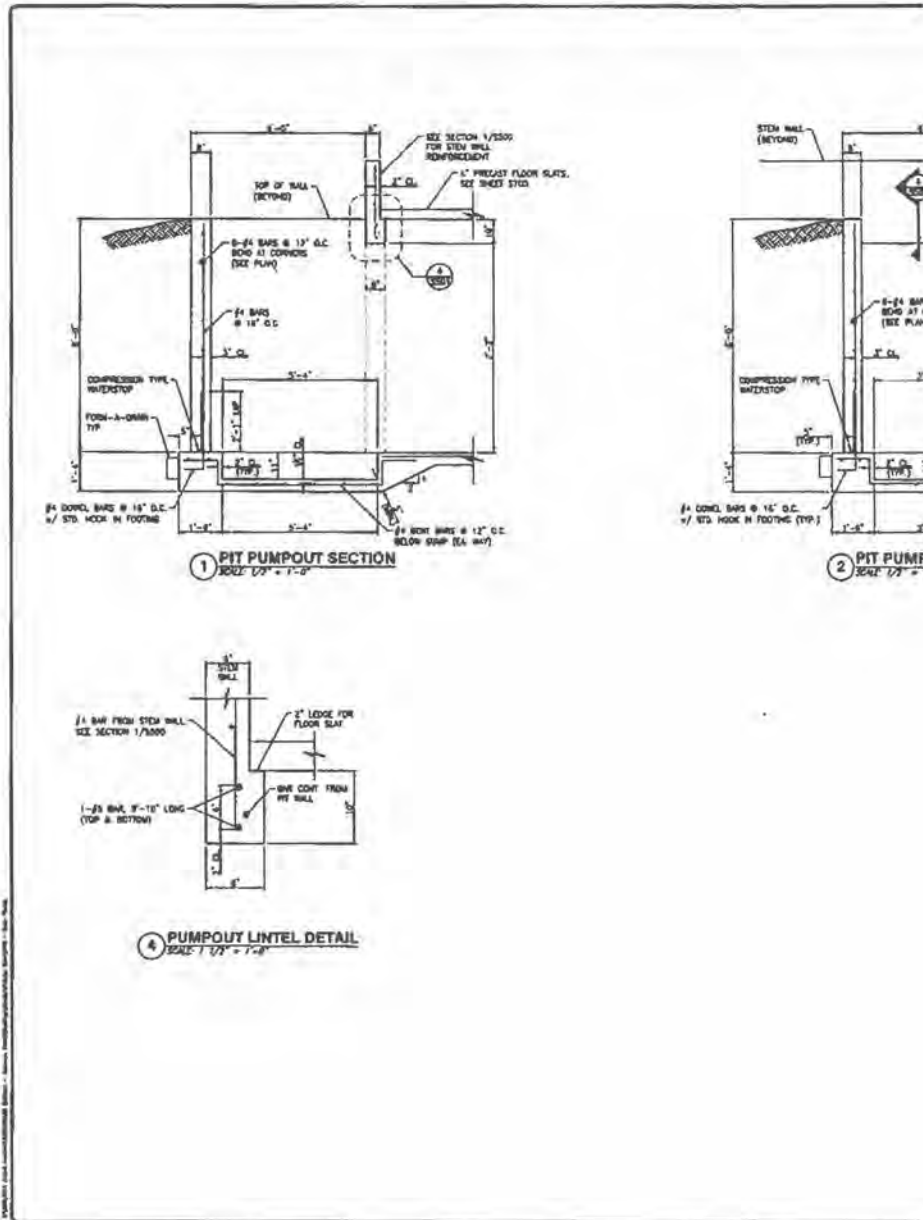
2 TYP. END WALL SECTION
SCALE: 1/2" = 1'-0"

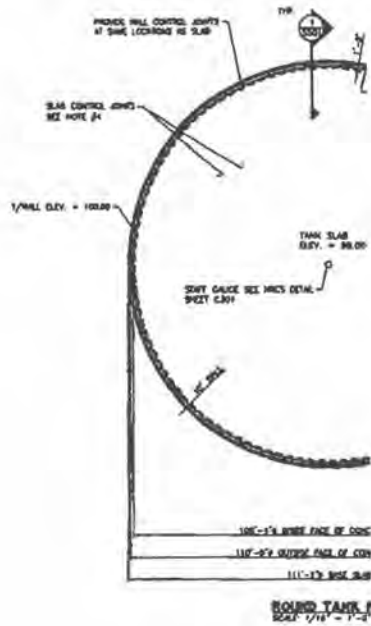


3 END WALL BEAM
SCALE: 1/2" = 1'-0"



4 SLAT LEDGE DETAIL
SCALE: 1/2" = 1'-0"



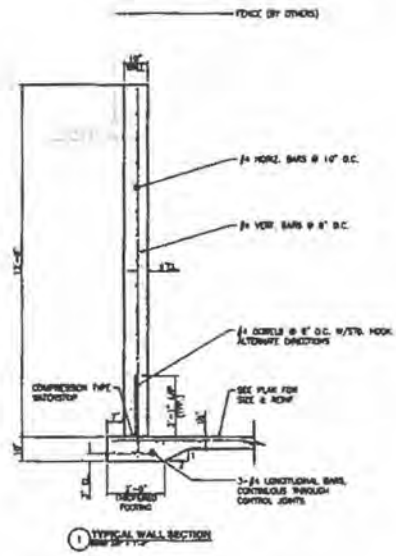


DESIGN CRITERIA:

1. ALLOWABLE SOIL BEARING PRESSURE = 4000 psf.
2. MIN. 28-DAY CONCRETE COMPRESSIVE STRENGTH (f'_c) = 4000 psi
3. REINFORCEMENT BARS - F_y = 60,000 psi (GRADE 60) ASTM #13
4. SOIL LATERAL PRESSURE (EFFECTIVE FLUID PRESSURE) = 75 psf/ft. 150 psf/ft. SURCHARGE
5. SOIL UNIT WEIGHT = 120 pcf.
6. MAHUR/INTERLOCK DENSITY = 63 pcf. (LATERAL PRESSURE APPLIED TO WALL FOR HDME SP38.3 SECTION 6.1.2.1)
7. SUBGRADE FRICTION FACTOR = 2 (TLL)
8. PROJECT LOCATION BUREAU CO., ILLINOIS

GENERAL NOTES:

1. THE CONTRACTOR SHALL BE FIT BY PROPER INSTALLING JOINTS AND JOINT DETAILS / THE MANUFACTURER'S RECS
2. REFER TO SHEET C102 DPA
3. THIN SLAB IS 5" THICK W/
4. CONTROL JOINTS SHALL BE MAXIMUM OF 80' O.C. (30' TO MATCH IN EACH FLOOR SHEET 576)
5. LONGITUDINAL JOINTING AND NOT INTERRUPTED AT JOINTS
6. THE BASE SLAB AND TANK PRESSURES OR UPLIFT AND SEASONAL HIGH WATER DRAIN
7. DRINKING WATER UNDER TANK COMPACTED TO MEET STANDARD PROCTOR.



STATE OF ILLINOIS

COUNTY OF SANGAMON

)
)
)
)
)

CERTIFICATE OF SERVICE

I, the undersigned attorney at law, hereby certify that I have served on the date of April 9, 2021, 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:

Jim McCabe
4201 N. Columbus St.,
Ottawa, IL 61350

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/ Joshua Leopold
Assistant Counsel
Division of Legal Counsel
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276
217-558-1333

THIS FILING IS SUBMITTED ON RECYCLED PAPER