

**BEFORE THE ILLINOIS POLLUTION CONTROL BOARD**

**Frankenreider Beef Facility--Annawan** )  
**(Property Identification Number** ) **PCB 20-**  
**10-22-200-001)** ) **(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.

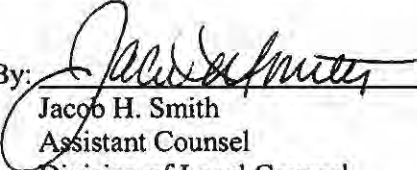
Frankenreider Beef Facility  
21301 IL HWY 78  
Annawan, Illinois 61234

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: December 13, 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**

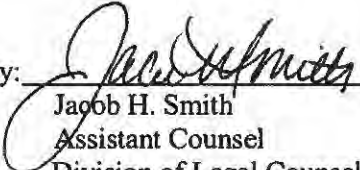
**Frankenreider Beef Facility--Annawan** )  
**(Property Identification Number** ) **PCB 20-**  
**10-22-200-001)** ) **(Tax Certification)**  
)

**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: December 13, 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**

**Frankenreider Beef Facility--Annawan** )  
**(Property Identification Number** ) **PCB 20-**  
**10-22-200-001)** **(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 September 3, 2019, the Illinois EPA received a request from Frankenreider Beef Facility (log number TC-141723, 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: Frankenreider Beef Facility  
27726 N 2050 Avenue  
Annawan, IL 61234

The proposed water pollution control facility in this request is located in the NW ¼ of Section 22, T17N, R5E of the 4th P.M. in Henry County, at the above street address and consist of the following facilities:

One (1) concrete livestock waste pit measuring 448 ft. (length) x 64 ft. (width) x 14 ft. (depth) with 7 concrete pump out pits approximately 6 ft. (length) x 6 ft. (width) x 14.66 ft. (depth) and the total area of concrete slatted flooring over the entire manure pit.

One (1) concrete slab measuring 99 ft. (length) x 52 ft. (width) with 14 inch curbing along the north, south and east sides used for livestock operations such as reception processing and ambulatory care.

These livestock waste management facilities are 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. Specifically, the Illinois EPA recommends that the following portion of the facility be deemed eligible for tax certification from the Board:

One (1) concrete livestock waste pit measuring 448 ft. (length) x 64 ft. (width) x 14 ft. (depth) with 7 concrete pump out pits

approximately 6 ft. (length) x 6 ft. (width) x 14.66 ft. (depth) and the total area of concrete slatted flooring over the entire manure pit.

One (1) concrete slab measuring 99 ft. (length) x 52 ft. (width) with 14 inch curbing along the north, south and east sides used for livestock operations such as reception processing and ambulatory care.

7. Based on the information in the application and the purpose of the facility, it is the Illinois EPA's engineering judgment that a portion of the described facilities may **not** be considered "pollution control facilities", pursuant to 35 Ill. Adm. Code 125.200(a), because this portion of the facilities does not have the primary purpose of eliminating, preventing, or reducing water pollution, or as otherwise provided in 35 Ill. Adm. Code 125.200, and are **not** eligible for tax certification from the Board. Specifically, the Illinois EPA recommends that the following portion of the facility be denied tax certification from the Board:

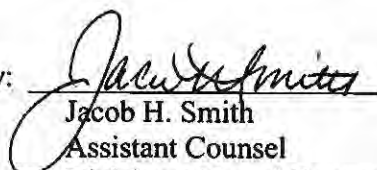
The 501 ft. (length) x 99 ft. (width) mono-slope style roof structure consisting of steel frame trusses, beams and support walls and concrete columns.

The primary purpose of this portion of the facility is to provide an area for feeding animals, keeping animals clean, sheltering animals from outside weather conditions, reduce bedding needs and is not pollution control. *The Beef Housing & Equipment Handbook*, Third Edition by Midwest Plan Service (April 1979) (MWPS-6) states that buildings protect cattle and feeding equipment and allow for better feeding efficiencies. MWPS-6 also states that buildings prevent feed from blowing, protect feed and equipment from rain and snow, and provide cattle shelter during the summer and winter. *Beef Production*, Fourth Edition by Diggins, Bundy and Christensen (1984) states that research has shown that efficient animal production can be improved through closer control over the production environment, and that confinement systems have been most successful in the area of improved production

efficiency allowing for more economical gains with less manual labor. The above information confirms the primary purpose of the portion of the roof structure is not pollution control. Accordingly, the Illinois EPA recommends that this portion of the facility be denied tax certification by the Board.

WHEREFORE, the Illinois EPA recommends that the Board issue the requested tax certification for a portion of the facilities and deny the requested tax certification for a portion of the facilities. The applicant has 35 days after the date of service to file a petition with the Board to contest the Illinois EPA's recommendation for the portion of the facilities where the Illinois EPA is recommending that the tax certification be denied, as discussed above.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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

Dated: December 13, 2019

Illinois Environmental Protection Agency  
1021 North Grand Ave. E.  
P.O. Box 19276  
Springfield, Illinois 62794-9276  
217/782-5544



**Memorandum**

To: Charles Gunnarson, Division of Legal Counsel

From: Darin E. LeCrone P.E., Manager, Industrial Unit, Permit Section *D&C*

Date: December 4, 2019

Re: Frankenreider Beef Facility - Annawan  
Recommendation of Tax Certification  
Log # TC-141723  
BOW ID # W0738000005  
Property Identification # 10-22-200-001

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The Bureau of Water received a request on September 3, 2019 from Frankenreider Beef Facility 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:

Frankenreider Beef Facility  
27726 N. 2050 Ave

NW 1/4 of Section 22, Township 17-North, Range 5-East of the East-4th PM in Henry County.

Livestock waste management facilities consisting of:

One (1) concrete livestock waste pit measuring 448 ft. (length) x 64 ft. (width) x 14 ft. (depth) with 7 concrete pump out pits approximately 6 ft. (length) x 6 ft. (width) x 14.66 ft. (depth) and the total area of concrete slatted flooring over the entire manure pit.

One (1) concrete slab measuring 99 ft. (length) x 52 ft. (width) with 14 inch curbing along the north, south, and east sides used for livestock operations such as reception processing and ambulatory care.

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.

Additional facilities in this request include:

Page No. 2

Log No. TC-141723

The 501 ft. (length) x 99 ft. (width) mono-slope style roof structure consisting of steel frame trusses, beams and support walls and concrete columns.

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

Based on the information included in this submittal, the Bureau of Water has determined that the facilities are not "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. This determination is based on the following factor(s):

The primary purpose of these facilities is to provide an area for feeding animals, keeping animals clean, sheltering animals from outside weather conditions, reduce bedding needs and is not pollution control. The *Beef Housing & Equipment Handbook*, Third Edition by Midwest Plan Service (April 1979) (MWPS-6) states that buildings protect cattle and feeding equipment and allow for better feeding efficiencies. MWPS-6 also states that buildings prevent feed from blowing, protect feed and equipment from rain and snow, and provide the cattle shelter during the summer and winter. *Beef Production*, Fourth Edition by Diggins, Bundy and Christensen (1984) states that research has shown that efficient animal production can be improved through closer control over the production environment and confinement systems have been most successful in the area of improved production efficiency allowing for more economical gains with less manual labor. The above information confirms the primary purpose of the roof structure is not pollution control.

The Bureau of Water therefore recommends that the Board deny the requested tax certification for these facilities.

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

DRG:TC-141723\_Tax Cert Recommendation\_03Sep19.docx

cc: Tax Cert File



Illinois EPA - Bureau of Water - Division of Pollution Control  
Title 35 Subtitle A Part 125 Tax Certifications  
Illinois EPA Review Notes for:

**Agency Recommendation of Pollution Control Facilities.**

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<b>BOW ID #:</b> W0738000005	<b>Pollution Control Facility Type:</b> Cattle/Dairy Livestock Waste Management Facility
<b>Project Name:</b> Frankenreider Beef Facility	
<b>Date application received:</b> 9/3/2019	<b>Property ID:</b> 10-22-200-001
<b>Reviewer:</b> DRG	<b>Applicant:</b> Frankenreider Beef Facility 21301 IL Hwy 78 Annawan, IL 61234
<b>Log number:</b> TC-141723	
<b>Legal Description:</b> NW 1/4 of Section 22 Twp: 17-North Range: 5- East PM: East-4th	<b>Facility:</b> Frankenreider Beef Facility 27726 N. 2050 Ave
<b>County:</b> Henry	<b>Date Control Devices installed:</b> 8/21/2018
<b>Facility Contact:</b> Bill Frankenreider	<b>Application Signature by:</b> Shannon Frankenreider
<b>Phone:</b> __309 489-6091	<b>Title:</b> Owner

Contents of Application: 3-page application form, narrative facility description, flow diagram, construction diagram

Is there a pollutant control flow diagram? **Yes – including narrative description of adjacent sloped concrete operational area slab.**

Is there sufficient diagrams showing the pollution control facilities? **Yes**

**This facility generates the following pollutants and prevents their discharge as indicated:**

Livestock waste is collected and land applied to cropland.

**Physical description of pollution control facilities that ARE recommended:**

Livestock waste management facilities consisting of:

One (1) concrete livestock waste pit measuring 448 ft. (length) x 64 ft. (width) x 14 ft. (depth) with 7 concrete pump out pits approximately 6 ft. (length) x 6 ft. (width) x 14.66 ft. (depth) and the total area of concrete slatted flooring over the manure pit.

One (1) concrete slab measuring 99 ft. (length) x 52 ft. (width) with 14 inch curbing used for livestock operations such as reception processing and ambulatory care.

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

Illinois EPA Log #: TC-141723

Page 2 of 2

**Notes:**

Will need to deny the roof structure. Include standard language for beef facilities regarding roofing.

Called and talked to Shannon F. on 10/16/2019. He confirmed that the flooring of the 99x52 area drains to the main pit for ease of waste cleanup. He agreed to send me additional explanation of operations at this area as well as a supplemental flow diagram for this area. He also confirmed that the pumpouts are constructed about 8 inches deeper than the pit depth.

Rec'd email from Shannon Frankenreider on 11/21/2019 stating the following:

*" This is regarding the 99x52ft processing and sick pen area of my cattle confinement shed. The whole slab of concrete is sloped to a sump area that drains into the 14ft manure storage pit. There is a 2ft high concrete wall on 3 sides of this barn and a 6ft high wall on the other side. We use this area for the vaccinating and processing of our cattle and also as a holding pen for sick animals. All of the animal waste naturally flows to the drain and into the manure pit."*

The sloped concrete floor is primarily constructed to convey wastes and wash waters from animal related activities within this area to the adjacent pit, therefore it is an approved pollution control facility.

**Nothing follows – DRG - (November 26, 2019)**

**Gove, Darren**

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**From:** Shannon Frankenreider <sjfrankenreider@yahoo.com>  
**Sent:** Thursday, November 21, 2019 12:59 PM  
**To:** Gove, Darren  
**Subject:** [External] TC-141723

Hello-

This is regarding the 99x52ft processing and sick pen area of my cattle confinement shed. The whole slab of concrete is sloped to a sump area that drains into the 14ft manure storage pit. There is a 2ft high concrete wall on 3 sides of this barn and a 6ft high wall on the other side. We use this area for the vaccinating and processing of our cattle and also as a holding pen for sick animals. All of the animal waste naturally flows to the drain and into the manure pit.

Thank you. If you have any questions please email me or you can call me at 309-489-6119.

Thanks-  
Shannon Frankenreider



# Illinois Environmental Protection Agency

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

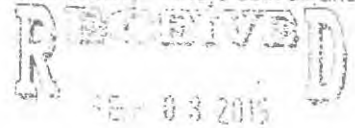
## Application for Certification (Property Tax Treatment) Pollution Control Facility

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

Facility Type (check one):  Air  Water

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

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



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

Illinois EPA  
Attention: 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

### I. Applicant Information:

Company Name: BS Foodlot Frankender - Beef Facility  
 Person Authorized to Receive Certification: BILL + Shannon Frankender  
 Street Address: 21301 IL HW 78  
 City: Annawan State: IL  
 Zip: 61234 Phone: 309-489-6099  
 Email Address: SJFrankender@shoo.com

Person to Contact for Additional Details: BILL Frankender  
 Street Address: 28338 N 2050 AVE  
 City: Annawan State: IL  
 Zip: 61234 Phone: 309-489-6099  
 Email Address: \_\_\_\_\_

### II. Facility Information:

Facility Location: Quarter Section: NW Township: ALBA Range: \_\_\_\_\_  
 Municipality: \_\_\_\_\_ Township: \_\_\_\_\_

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

Address: 27726 N 2050 AVE City: Annawan  
 State: IL Zip Code: 61234 County: Henry Book Number: \_\_\_\_\_  
 Property Index Number: 10-22-200-001

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:

Beef CATTLE Facility

### 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)

*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:

N.A.

**Materials Used in the Process**

N.A.

**X 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 Attached Sheet

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

See Attached Sheet

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):

See Attached Sheet

**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
Livestock Manure	Best Manure	Field Application For crop Nutrients

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



**Gove, Darren**

---

**From:** Shannon Frankenreider <sjfrankenreider@yahoo.com>  
**Sent:** Thursday, November 21, 2019 12:59 PM  
**To:** Gove, Darren  
**Subject:** [External] TC-141723

Hello-

This is regarding the 99x52ft processing and sick pen area of my cattle confinement shed. The whole slab of concrete is sloped to a sump area that drains into the 14ft manure storage pit. There is a 2ft high concrete wall on 3 sides of this barn and a 6ft high wall on the other side. We use this area for the vaccinating and processing of our cattle and also as a holding pen for sick animals. All of the animal waste naturally flows to the drain and into the manure pit.

Thank you. If you have any questions please email me or you can call me at 309-489-6119.

Thanks-  
Shannon Frankenreider



# 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.

**RECEIVED**  
SEP 08 2019

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

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

### I. Applicant Information:

Company Name: <u>BS Fattot Frankensider Beef Facility</u>	Person to Contact: <u>Bill Frankensider</u>
Person Authorized to Receive Certification: <u>Shannon Frankensider</u>	for Additional Details: <u>Bill Frankensider</u>
Street Address: <u>21301 IL HW 78</u>	Street Address: <u>28338 N 2050 AVE</u>
City: <u>Annawan</u> State: <u>IL</u>	City: <u>Annawan</u> State: <u>IL</u>
Zip: <u>61234</u> Phone: <u>309-489-6119</u>	Zip: <u>61234</u> Phone: <u>309-489-6091</u>
Email Address: <u>SJFrankensider@yahoo.com</u>	Email Address: _____

### II. Facility Information:

Facility Location: Quarter Section: NW Township: ALBA Range: \_\_\_\_\_  
Municipality: \_\_\_\_\_ Township: \_\_\_\_\_

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

Address: 27726 N 2050 AVE City: Annawan  
State: IL Zip Code: 61234 County: Henry Book Number: \_\_\_\_\_

Property Index Number: 10-22-200-001

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:

Beef CATTLE Facility

### 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)

This Agency is authorized to request this information under 415 ILCS 5/4 b(2)(2). 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:

N.A.

**Materials Used in the Process:**

N.A.

**\* 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 ATTACHED Sheet

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

See ATTACHED Sheet

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):

See ATTACHED Sheet

**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
Livestock Manure	Beef Manure	Field 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: 8-21-18

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

9-22-18

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))*

Shannon Frankender Part owner  
 Printed Name: Title

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

Shannon Frankender 8-4-19  
 Signature: Date

## Frankenreider Beef Facility

The facility consists of one barn:

Building 1 (Installed 2018): Roofed Livestock building with roof structure and waste storage.

- 501' x 99' Wood roof structure.
- 64' x 448' 14ft deep slated concrete storage tank under roof
- 99' x 52' Concrete slab and walls cattle working area under roof.

Building 1:

Building 1 consist of two waste handling areas. The deep pit area consists of a precast concrete slotted floor enabling excreta and wastewater to fall through and accumulate in the below floor pit. The deep pit has seven pump-out access areas along the south sidewall of the pit that allow access to the collected manure and allow manure transfer through a hose to be pumped for field application. The second area is a concrete slab that directs excreta and wastewater from the cattle working area to the deep pit.

Animal capacity of 999 head of Beef Cattle.

The facility is covered by a mono-slope style roof structure that consists of Steel frame trusses, beams, support walls anchored to the top of the concrete walls, and concrete columns.

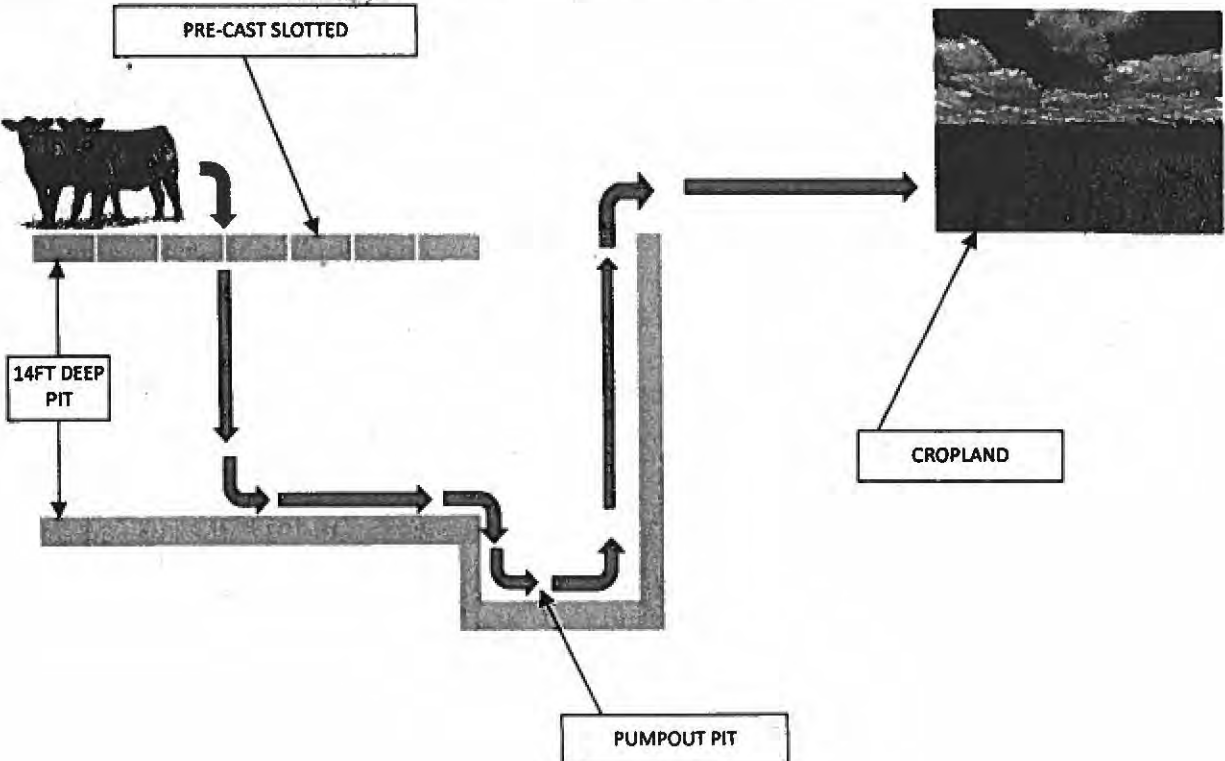
The barn consists of a 14ft deep tank with a 5" thick slab and 14" thick pit walls. The walls have footings that are 12" thick and 3'-0" wide. Columns within the pit are 18" in diameter, 12'-0" tall and supported by 48"x48" square footings 12" thick. The columns support 18"x14"x20ft long precast pre-stress concrete floor beams. The floor beams support a 6" thick precast concrete slotted gang slat floor. Each pump-out access is 6'-0" x 6'-0" with a steel plate lid. Directly below the pump-out access's is a recessed sump area that is 6'-0" x 6'-0" x 12" deep.

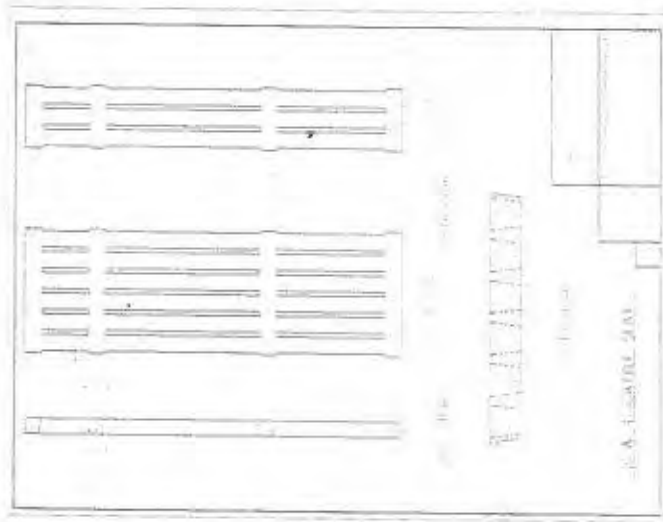
The Cattle working area has a 5" thick concrete floor and 14" curb along the north, south, and east sides. Along the west side (adjacent to the Deep Pit) there is a 10"x4' tall concrete wall and 4" x 4' x 16' mountable curbs.

These facilities protect the ground and surface water by providing collection and storage of livestock/feed area waste for about 180 days. Subsequently, the waste may be applied agronomically to cropland under proper soil and weather conditions for safe use.

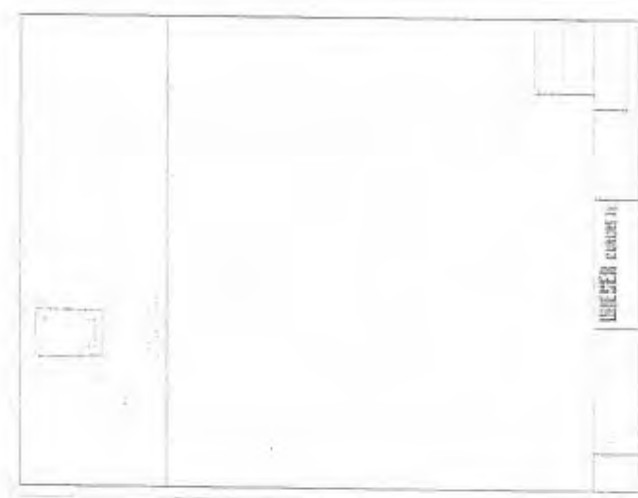
Flow diagram  
on  
Reverse

**MANURE DIAGRAM**





1. THE ABOVE DRAWING IS A PRELIMINARY DESIGN AND IS SUBJECT TO CHANGE WITHOUT NOTICE.  
 2. THE CLIENT IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.  
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WELSER DEKAR & ASSAT DETAILS

TRANSENBLIDER - REEF FACILITY EXPANSION  
LOWRIE SYSTEMS  
ALABAMA, U.S.A.



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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 December 13, 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:

Frankenreider Beef Facility  
21301 IL HWY 78  
Annawan, Illinois 61234

**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**