


BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Applewood Farms of Virginia, IL, LLC)
(Property Identification Number) PCB No. 21-
05-012-011-01) (Tax Certification)
)

A P P E A R A N C E

The undersigned, as one of its attorneys, hereby enters an APPEARANCE on behalf of Respondent, Illinois Environmental Protection Agency.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: 
Amanda S. Kimmel
Assistant Counsel
Division of Legal Counsel

DATED: March 26, 2021

Illinois Environmental Protection Agency
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276
(217)782-5544

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Applewood Farms of Virginia, IL, LLC)
(Property Identification Number) PCB No. 21-
05-012-011-01) (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 28, 2020, the Illinois EPA received a request from Applewood Farms of Virginia, IL, LLC (log number TC-143499, 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: Applewood Farms of Virginia, IL, LLC
31635 Lynn Rd.
Oakford, IL 62673

The proposed water pollution control facilities in this request are located in the SW ¼ of Section 33, T19N, R8W of the 3rd P.M. in Cass County, at the above street address and consist of the following:

Livestock waste management facilities consisting of eleven (11) concrete manure storage pits (approximately 10 ft. x 88 ft. x 4 ft. as E1, 8 ft. x 146 ft. x 4 ft. as E2, 20 ft. x 200 ft. x 4 ft. as E3, 48 ft. x 200 ft. x 2 ft. as E3A, 20 ft. x 200 ft. x 4 ft. as E4, 44 ft. x 200 ft. x 4 ft. as E4A, 44 ft. x 400 ft. x 4 ft. as E5, 50 ft. x 400 ft. x 2 ft. as E6, 16 ft. x 200 ft. x 2 ft. as E7, 52 ft. x 126 ft. x 4 ft. as E8, and 54 ft. x 292 ft. x 2 ft. as E9), two gutter channels (approximately 4 ft. x 200 ft. x 0.5 ft. each as E7A and E8A), the concrete slatted portion of the floor over the pits and channels that capture and contain waste generated in the barns, three earthen lagoons with clay liners and 2.5:1 side slopes (approximately 152 ft. x 187 ft. x 10 ft. as L1, 329 ft. x 360 ft. x 10 ft. as L2, and 560 ft. x 350 ft. x 12 ft. as L3), and PVC sewer pipes (approximately 2,045 ft. x 10 in. total).

These livestock waste management facilities are used to collect, transport, and/or store livestock waste prior to cropland application, and are further described in Exhibit A. These are separate facilities from the facilities in tax certification Applewood Farms of Virginia, IL, LLC (Property Identification Number 05-013-003-00) filed simultaneously to this request.

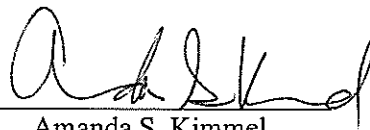
3. Section 11-10 of the Property Tax Code, 35 ILCS 200/11-10 (2018), and Section 125.200(a) of the Board's regulations, 35 Ill. Adm. Code 125.200(a), define "pollution control facilities" as:

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 (2018) 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: 
Amanda S. Kimmel
Assistant Counsel
Division of Legal Counsel

Dated: March 26, 2021

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



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

Memorandum

To: Mike Roubitchek, Division of Legal Counsel

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

Date: March 8, 2021

Re: Applewood Farms of Virginia IL, LLC
Recommendation of Tax Certification
Log# TC-143499
Property Index# 05-012-011-01

The Bureau of Water received a request on December 28, 2020 from Gary Holloway 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:

Applewood Farms of Virginia IL, LLC
31635 Lynn Rd.
Oakford, IL 62673

SW $\frac{1}{4}$ of Section 33, T19N, R8W of the 3rd PM in Cass County

The livestock waste handling facilities consisting of eleven (11) concrete manure storage pits (approximately 10 ft. x 88 ft. x 4 ft. as E1, 8 ft. x 146 ft. x 4 ft. as E2, 20 ft. x 200 ft. x 4 ft. as E3, 48 ft. x 200 ft. x 2 ft. as E3A, 20 ft. x 200 ft. x 4 ft. as E4, 44 ft. x 200 ft. x 4 ft. as E4A, 44 ft. x 400 ft. x 4 ft. as E5, 50 ft. x 400 ft. x 2 ft. as E6, 16 ft. x 200 ft. x 2 ft. as E7, 52 ft. x 126 ft. x 4 ft. as E8, and 54 ft. x 292 ft. x 2 ft. as E9), two gutter channels (approximately 4 ft. x 200 ft. x 0.5 ft. each as E7A and E8A), the concrete slatted portion of the floor over the pits and channels that capture and contain waste generated in the barns, three earthen lagoons with clay liners and 2.5:1 side slopes (approximately 152 ft. x 187 ft. x 10 ft. as L1, 329 ft. x 360 ft. x 10 ft. as L2, and 560 ft. x 350 ft. x 12 ft. as L3), and PVC sewer pipes (approximately 2,045 ft. x 10 in. total). 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
5911 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: Applewood Farms of Virginia IL, LLC.

Date: February 23, 2021

Reviewer: WH

Type: Agchem
 Livestock

Log number: TC-143499

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

Applicant: Gary Holloway
5793 IL Rte. 78 N
Virginia, IL 62691

Phone: 309-693-7615

Facility: Applewood Farms of Virginia, IL, LLC.
31635 Lynn Rd.
Oakford, IL 62673

Property Index#: 05-012-011-01

Parcel#:

Legal Description:
SW of Section: 33 Twp: 19N R: 8W PM: 3rd

County: Cass

Signature: Gary Holloway

Date Control Devices installed: January 1993

Title: Owner/Partner

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 eleven (11) concrete manure storage pits (approximately 10 ft. x 88 ft. x 4 ft. as E1, 8 ft. x 146 ft. x 4 ft. as E2, 20 ft. x 200 ft. x 4 ft. as E3, 48 ft. x 200 ft. x 2 ft. as E3A, 20 ft. x 200 ft. x 4 ft. as E4, 44 ft. x 200 ft. x 4 ft. as E4A, 44 ft. x 400 ft. x 4 ft. as E5, 50 ft. x 400 ft. x 2 ft. as E6, 16 ft. x 200 ft. x 2 ft. as E7, 52 ft. x 126 ft. x 4 ft. as E8, and 54 ft. x 292 ft. x 2 ft. as E9), two gutter channels (approximately 4 ft. x 200 ft. x 0.5 ft. each as E7A and E8A), the concrete slatted portion of the floor over the pits and channels that capture and contain waste generated in the barns, three earthen lagoons with clay liners and 2.5:1 side slopes (approximately 152 ft. x 187 ft. x 10 ft. as L1, 329 ft. x 360 ft. x 10 ft. as L2, and 560 ft. x 350 ft. x 12 ft. as L3), and PVC sewer pipes (approximately 2,045 ft. x 10 in. total). 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.

eleven concrete manure storage pits;
two gutter channels;
three earthen lagoons;
PVC pipes that connect manure pits to the earthen lagoons.

Plan view of the pits and a process flow diagram were submitted with the application.

Recommended Action: Issue tax certification.

Strucutre	PVC pipes
E1	135
E2	113
E3	105
E3A	35
E4	105
E4A	35
E5	150
E6	380
E7	35
E7A	282
E8	30
E9	600
L1&L2	40
Total	2045



Illinois Environmental Protection Agency 143499

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.

You must have Adobe Acrobat Reader 8.0 or above installed to use the features on this form.

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

I. Applicant Information:

Company Name: <u>Applewood Farms of Virginia, IL, LLC.</u>	Person to Contact: _____
Person Authorized to Receive Certification: <u>Garv Holloway</u>	for Additional Details: <u>Terry L. Feldmann, PE</u>
Street Address: <u>5793 IL Rte. 78 N</u>	Street Address: <u>3116 N Dries Lane, Suite 100</u>
City: <u>Virginia</u> State: <u>IL</u>	City: <u>Peoria</u> State: <u>IL</u>
Zip: <u>62691</u> Phone: <u>217-883-0858</u>	Zip: <u>61604</u> Phone: <u>309-693-7615</u>
Email Address: <u>gary.applewood@gmail.com</u>	Email Address: <u>tfeldmann@mstutz.com</u>

II. Facility Information:

Facility Location: Quarter Section: SW - 33 Township: 19N Range: 8W
Municipality: _____ Township: Chandlerville

Address: 31635 Lynn Rd. City: Oakford
State: IL Zip Code: 62673 County: Cass Book Number: _____
Property Index Number: 05-012-011-01

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: <u>None</u>	Date Issued: _____
NPDES Permit Number: <u>None</u>	Date Issued: _____ Exp. Date: _____
APC Construction Permit Number: <u>None</u>	Date Issued: _____
APC Operating Permit Number: <u>None</u>	Date Issued: _____ Exp. Date: _____

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

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

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.

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.

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.

Date Installation Completed: 1993-01-01

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))

Gary Holloway Owner/Partner
Printed Name: Title:

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

[Signature] 12-23-2020
Signature: Date:

Application for Certification (Property Tax Treatment) Pollution Control Facility
 Applewood Farms of Virginia, IL, LLC – Unit 27 Sow Farm
 By: Maurer-Stutz, Inc

ATTACHMENT 1: Facility Pollution Control Facility Description

The Unit 27 Sow Farm consists of the following swine manure storage structures:

E1	10' x 88' x 4' deep	Shallow concrete pit below slotted flooring
E2	8' x 146' x 4' deep	Shallow concrete pit below slotted flooring
E3	20' x 200' x 4' deep	Shallow concrete pit below slotted flooring
E3A	48' x 200' x 2' deep	Shallow concrete pit below slotted flooring
E4	20' x 200' x 4' deep	Shallow concrete pit below slotted flooring
E4A	44' x 200' x 4' deep	Shallow concrete pit below slotted flooring
E5	44' x 400' x 4' deep	Shallow concrete pit below slotted flooring
E6	50' x 400' x 2' deep	Shallow concrete pit below slotted flooring
E7	16' x 200' x 2' deep	Shallow concrete pit below slotted flooring
E7A	4' x 200' x 0.5" deep	Concrete slab with gutter
E8	52' x 126' x 4' deep	Shallow concrete pit below slotted flooring
E8A	4' x 200' x 0.5" deep	Concrete slab with gutter
E9	54' x 296' x 2' deep	Shallow concrete pit below slotted flooring
L1	152' x 187' x 10' deep	Earthen Lagoon w/ clay liner
L2	329' x 360' x 10' deep	Earthen Lagoon w/ clay liner
L3	560' x 350' x 12' deep	Earthen Lagoon w/ clay liner

Application for Certification (Property Tax Treatment) Pollution Control Facility
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By: Maurer-Stutz, Inc

The barn labelled E1 serves as a gestation facility equipped with concrete flooring consisting of a 4" thick slab sloping toward a pit on the south side of the barn. The pit consists of slatted flooring over a 4'-0" concrete pit with a 4" thick base slab. The pit walls are 8" thick with footings that are 9" thick and 2'-6" wide. The pit walls support the 4" thick precast concrete flooring. The precast concrete flooring is slotted which enables excreta and wastewater to fall through and accumulate in the below floor pit. The pit utilizes a pull plug and drains via 135 FT of 10" SDR-35 PVC sewer pipe to lagoon L2. The barn contains 1 pull plug locations.

The barn labelled E2 serves as a gestation barn equipped with concrete flooring consisting of a 4" thick slab sloping toward pits on the north and south sides of the barn (2 pits). The pits are 4' wide and consist of concrete slatted flooring over a 4'-0" concrete pit with a 4" thick base slab. The pit walls are 8" thick with footings that are 9" thick and 2'-6" wide. The pit walls support the 4" thick precast concrete flooring. The precast concrete flooring is slotted which enables excreta and wastewater to fall through and accumulate in the below floor pits. The pits utilize pull plugs and drain via 113 FT of 10" SDR-35 PVC sewer pipe to lagoon L2. The barn contains 2 pull plug locations (one per pit).

The barn labelled E3 serves as a gestation barn equipped with concrete flooring consisting of a 4" thick slab sloping toward pits on the north and south sides of the barn (2 pits). The pits are 10' wide and consist of concrete slatted flooring over a 4'-0" concrete pit with a 4" thick base slab. The pit walls are 8" thick with footings that are 9" thick and 2'-6" wide. The pit walls support the 4" thick precast concrete flooring. The precast concrete flooring is slotted which enables excreta and wastewater to fall through and accumulate in the below floor pits. The pits utilize a pull plug (one per pit) and drains via 105 FT of 10" SDR-35 PVC sewer pipe to lagoon L2.

The barn labelled E3A serves as a farrowing facility equipped with slotted flooring over a 2'-0" deep concrete pit consisting of a 4" thick base slab. The pit walls are 8" thick with footings that are 9" thick and 2'-6" wide. 6" stem walls poured systematically throughout the pit support the slotted plastic and woven wire flooring. Slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pit. The pit utilizes a pull plug and drains via 35 FT of 10" SDR-35 PVC sewer pipe to lagoon L3. The barn contains 1 pull plug location.

The barn labelled E4 serves as a gestation barn equipped with concrete flooring consisting of a 4" thick slab sloping toward pits on the north and south sides of the barn (2 pits). The pits are 10' wide and consist of concrete slatted flooring over a 4'-0" concrete pit with a 4" thick base slab. The pit walls are 8" thick with footings that are 9" thick and 2'-6" wide. The pit walls support the 4" thick precast concrete flooring. The precast concrete flooring is slotted which enables excreta and wastewater to fall through and accumulate in the below floor pits. The pits utilize a pull plug (one per pit) and drains via 105 FT of 10" SDR-35 PVC sewer pipe to lagoon L2.

The barn labelled E4A serves as a gestation facility equipped with concrete slatted flooring over a 4'-0" concrete pit consisting of a 4" thick base slab. The pit walls are 8" thick with footings that are 9" thick and 2'-6" wide. 6" stem walls poured systematically throughout the pit support the 4" thick precast slatted concrete flooring. The precast concrete slotted flooring enables excreta and wastewater to fall through and accumulate in the below floor pit. The pit utilizes a pull plug and drains via 35 FT of 10" SDR-35 PVC sewer pipe to lagoon L3. The barn contains 1 pull plug location.

Application for Certification (Property Tax Treatment) Pollution Control Facility
Applewood Farms of Virginia, IL, LLC – Unit 27 Sow Farm
By: Maurer-Stutz, Inc

The barn labelled E5 serves as a gestation facility equipped with concrete slatted flooring over a 4'-0" concrete pit consisting of a 4" thick base slab. The pit walls are 8" thick with footings that are 9" thick and 2'-6" wide. 6" stem walls poured systematically throughout the pit support the 4" thick precast concrete slatted flooring. The precast concrete flooring is slotted which enables excreta and wastewater to fall through and accumulate in the below floor pits. The pits utilize pull plugs and drain via 10" SDR-35 PVC sewer pipe to lagoon L2 or L3. The barn contains 2 pull plug locations. There is 150 FT of SDR-35 PVC sewer pipe used to transfer manure from E5 to the lagoons.

The barn labelled E6 serves as a farrowing facility equipped with slotted flooring over a 2'-0" concrete pit consisting of a 4" thick base slab. The pit walls are 8" thick with footings that are 9" thick and 2'-6" wide. 6" stem walls poured systematically throughout the pit support the slotted plastic and woven wire flooring. Slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pits. The pits utilize pull plugs and drain via 10" SDR-35 PVC sewer pipe to lagoon L2 or L3. The barn contains 9 pull plug locations. There is 380' of SDR-35 PVC sewer pipe used to transfer manure from E6 to the lagoons.

The barn labelled E7 serves as a gestation barn equipped with concrete flooring consisting of a 4" thick slab sloping toward pits on the north and south sides of the barn (2 pits). The pits are 8' wide and consist of concrete slatted flooring over a 4'-0" concrete pit with a 4" thick base slab. The pit walls are 8" thick with footings that are 9" thick and 2'-6" wide. The pit walls support the 4" thick precast concrete flooring. The precast concrete flooring is slotted which enables excreta and wastewater to fall through and accumulate in the below floor pit. The pits utilize a pull plug (one per pit) and drain via 35 FT of 10" SDR-35 PVC sewer pipe to lagoon L1.

The barns labelled E7A and E8A are of equal size and dimension and serve as gestation barns equipped with concrete flooring consisting of a 4" thick slab sloping toward gutters on the sides of the barns. The containment walls are 8" thick with footings that are 9" thick and 1'-6" wide. 6" deep channels, 4' wide are located on the N & S sides of the barns and the concrete floor is sloped to aid in the accumulation of wastewater and excreta in the channels/gutters. The barns utilize a gutter channel and pull plugs to drain via 10" SDR-35 PVC sewer pipes to lagoon L3. There is 282 FT of 10" diameter PVC pipe to transfer the manure from E7A & E8A to L3.

The barn labelled E8 serves as a gestation facility equipped with concrete slatted flooring over a 4'-0" concrete pit consisting of a 4" thick base slab. The pit walls are 8" thick with footings that are 9" thick and 2'-6" wide. 6" stem walls poured systematically throughout the pit support the 4" thick precast concrete slatted flooring. The precast concrete flooring is slotted which enables excreta and wastewater to fall through and accumulate in the below floor pit. The pit utilizes a pull plug and drains via 30 FT of 10" SDR-35 PVC sewer pipe to lagoon L1. The barn contains 1 pull plug location.

Application for Certification (Property Tax Treatment) Pollution Control Facility
Applewood Farms of Virginia, IL, LLC – Unit 27 Sow Farm
By: Maurer-Stutz, Inc

The barn labelled E9 serves as a farrowing facility equipped with slotted flooring over a 2'-0" concrete pit consisting of a 4" thick base slab. The pit walls are 8" thick with footings that are 9" thick and 2'-6" wide. 6" stem walls poured systematically throughout the pit support the slotted plastic and woven wire flooring. Slotted floors enable excreta and wastewater to fall through and accumulate in the below floor pits. The pits utilize pull plugs and drain via 600 FT of 10" SDR-35 PVC sewer pipe to lagoon L2. The barn contains 12 pull plug locations.

The structure labelled L1 is an earthen lagoon. The pond is 10ft deep with side slopes at 2.5:1. The lagoon is compacted clay material designed to be impervious to wastewater and manure. The structure serves as the primary storage for buildings E7 & E8. 10" SDR-35 PVC gravity sewer pipes connect E7 & E8 to L1. A gravity cross-over pipe (40' of 10" SDR-35 PVC) allows manure to flow between L1 and L2.

The structure labelled L2 is an earthen lagoon. The pond is 10ft deep with side slopes at 2.5:1. The lagoon is compacted clay material designed to be impervious to wastewater and manure. The structure serves as the primary storage for buildings E1, E2, E3, E4, E5, E6, and E9. 10" SDR-35 PVC gravity sewer pipes connect E1, E2, E3, E4, E5, E6, and E9 to L2. A gravity cross-over pipe (40' of 10" SDR-35 PVC) allows manure to flow between L1 and L2.

The structure labelled L3 is an earthen lagoon. The pond is 12ft deep with side slopes at 2.5:1. The lagoon is compacted clay material designed to be impervious to wastewater and manure. The structure serves as the primary storage for buildings E3A, E4A, E5, E6, E7A and E8A. 10" SDR-35 PVC gravity sewer pipes connect buildings E3A, E4A, E5, E6, E7A and E8A to L3.

There is 842 FT of 8" SDR-26 PVC (Force-main) connecting the lagoon, L3, to a center-pivot irrigator west of the swine barns. Manure and wastewater are pumped from the lagoon, L3, to the center pivot irrigator via a 50 HP electric manure pump for application on cropland.

The facility protects ground and surface water by providing collection and storage of livestock waste for about 12 months. Subsequently, the waste is applied agronomically to cropland under proper soil and weather conditions for safe use.

Application for Certification (Property Tax Treatment) Pollution Control Facility
Applewood Farms of Virginia, IL, LLC – Unit 27 Sow Farm
By: Maurer-Stutz, Inc

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 constructed and placed into service in 1981. The most recent construction occurred in 1992.

ATTACHMENT 4: Status of Installation

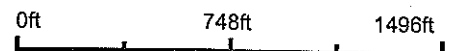
Facilities described in Attachment 1 are fully constructed and in service as of January 1, 1993.

Electronic Filing: Received, Clerk's Office 03/26/2021 **PCB 2021-080**
Applewood Farms of Virginia, IL, LLC. - Unit 27 Sow Farm

FAA Obstructions WARNING: Map is dated, incomplete, and is in no way a substitute for visual confirmation.
Use caution! All data has limitations of accuracy.



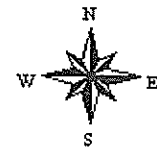
Map Center: 40.052619, -90.009585




MAURER-STUTZ
ENGINEERS SURVEYORS

33-19N-8W
Cass County
Illinois

Maps Provided By:
 **surety**
CUSTOMIZED ONLINE MAPPING
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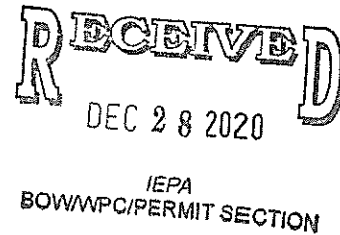


12/7/2020



12-23-20

Illinois EPA
Division of Water Pollution Control
1021 N. Grand Avenue East, P.O. Box 19276
Springfield, IL 62794-9276



To whom it may concern,

Please find enclosed a Pollution Control Facility (Property Tax Treatment) application along with supporting attachments. The application is for the Unit 27 sow farm owned by Applewood Farms of Virginia, IL, LLC.

Please contact Terry L. Feldmann, PE or myself at (309) 693-7615 if you have any questions.

Regards,

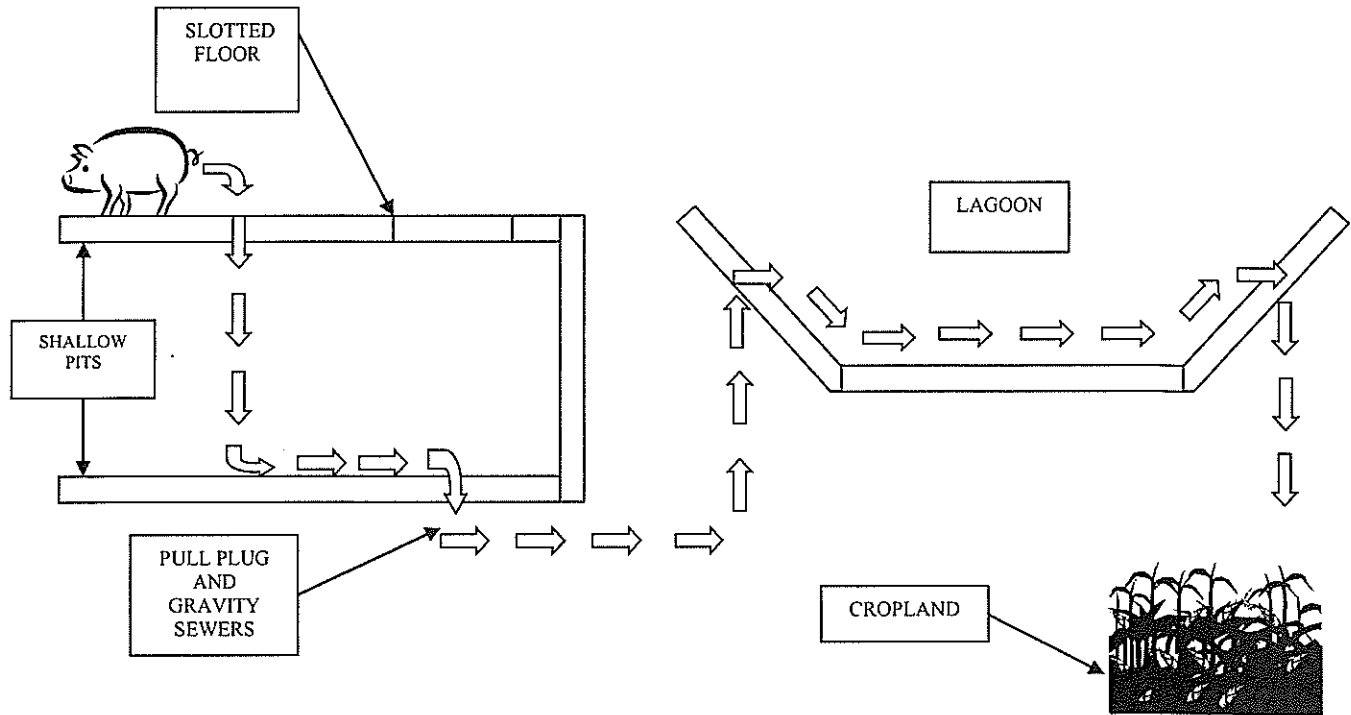
A handwritten signature in black ink, appearing to read "Daniel N. Feucht".

Daniel N. Feucht, CCA
Agricultural Services Group

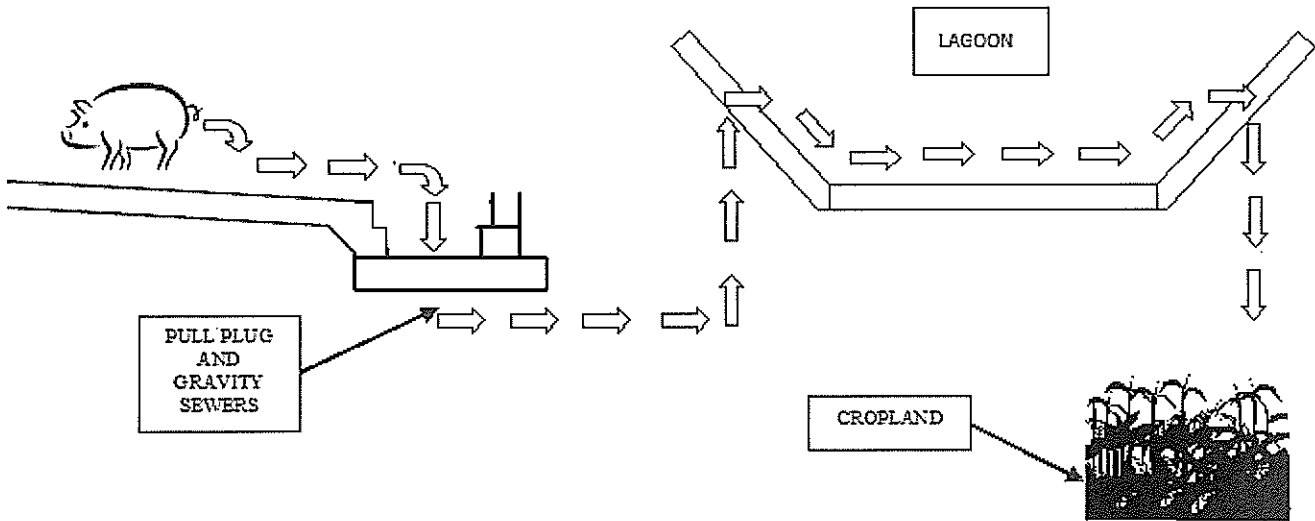
cc. Applewood Farms, MSI File

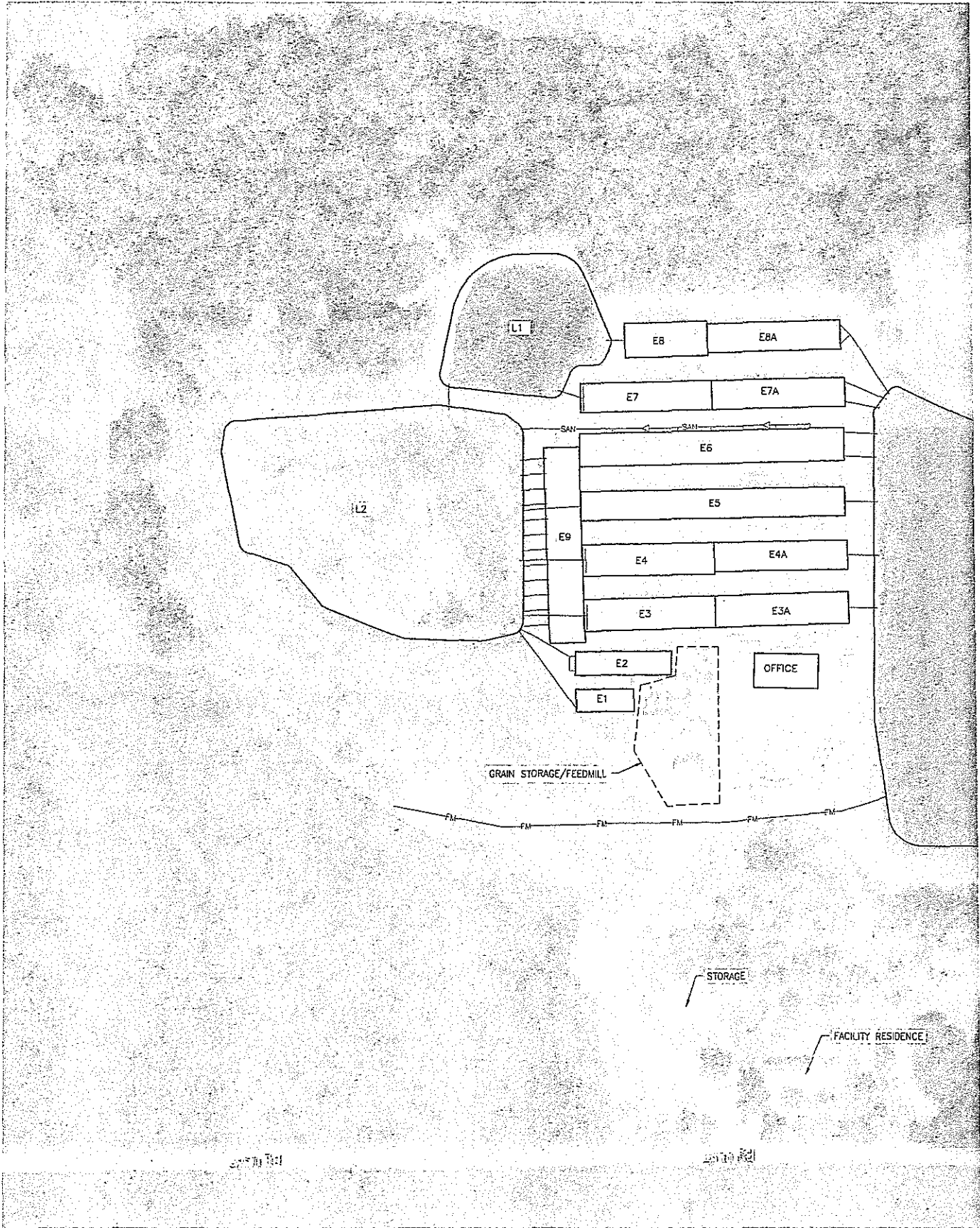
Application for Certification (Property Tax Treatment) Pollution Control Facility
Applewood Farms of Virginia, IL, LLC – Unit 27 Sow Farm
By: Maurer-Stutz, Inc

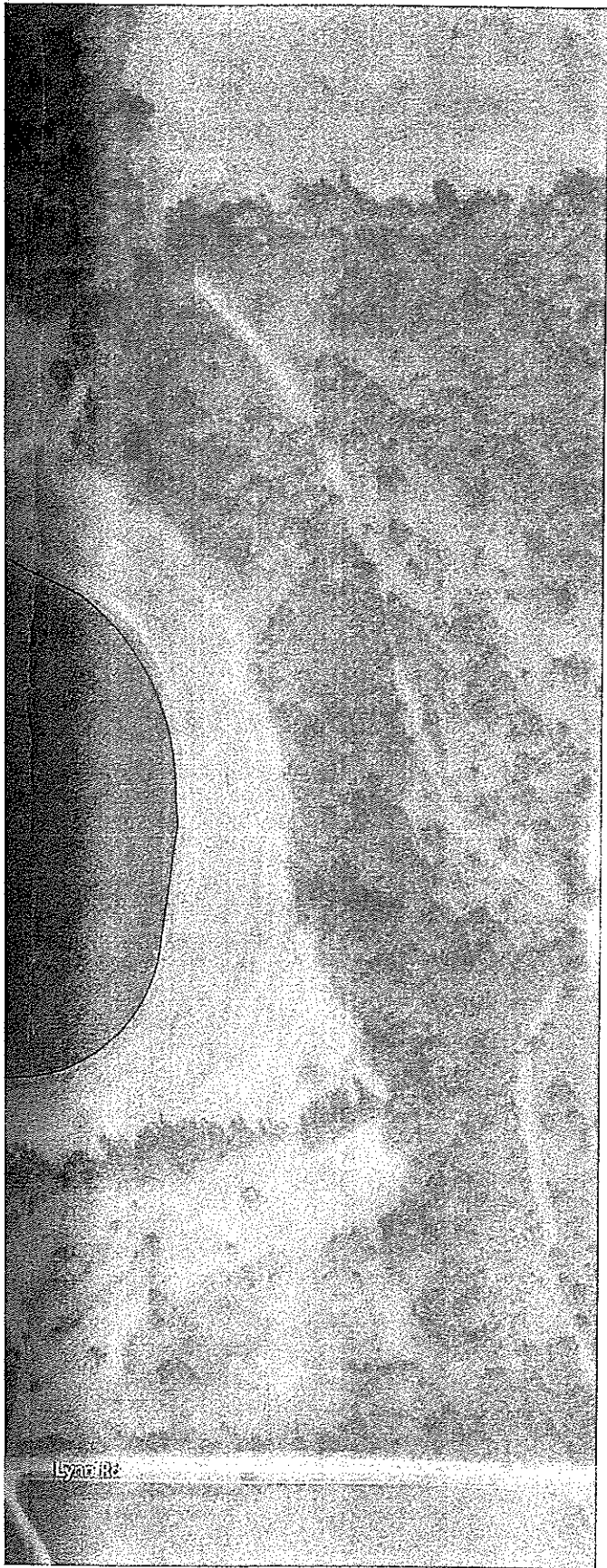
MANURE DIAGRAM FOR BUILDINGS E1, E2, E3, E3A, E4, E4A, E5, E6, E7, E8, E9, L1, L2, L3



MANURE DIAGRAM FOR BUILDINGS E7A & E8A, L3





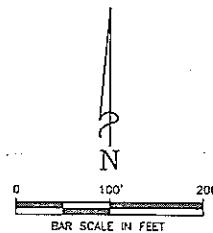


EXISTING FACILITY DETAILS	
ITEM	FACILITY DESCRIPTION
E1	GESTATION BARN
E2	GESTATION BARN
E3	GESTATION BARN
E3A	FARROWING BARN
E4	GESTATION BARN
E4A	GESTATION BARN
E5	GESTATION BARN
E6	FARROWING BARN
E7	GESTATION BARN
E7A	GESTATION BARN
E8	GESTATION BARN
E8A	GESTATION BARN
E9	FARROWING BARN
L1	LAGOON
L2	LAGOON
L3	LAGOON

SITE LEGEND

GW — GRAVITY WT PIPELINE

 FM — PRESSURE WT PIPELINE



SCALE VALID ONLY ON
22"x34" SIZE PLANS

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11.05.2021 11:05 AM CDT

MAURER-STUTZ
ENGINEERS SURVEYORS

PEORIA, IL 3116 N. BIRCHLAKE DRIVE 1001 PEORIA, IL 61604 | (309) 693-7855 | FAX (309) 693-7856
 CAROLUI, IL 1810 EAST 40th STREET | CAROLUI, IL 62520 | (202) 447-7831 | FAX (202) 447-8155
 JANDIGE, IN 5830V PULASKI AVENUE | JANDIGE, IN 47201 | (317) 273-4238 | FAX (317) 693-7856
 ILLINOIS PROFESSIONAL ENGINEER REGISTRATION NO. 020784
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FARMSTEAD PLAN

UNIT 27 SOW FARM

CLIENT: **APPLEWOOD FARMS OF VIRGINIA, IL, LLC.**

DESIGNED BY: DNF
 REVIEWED BY: TLF
 DATE: DEC. 2020
 PROJECT NO.: 23820030
 SHEET:

C101

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 March 26, 2021, the attached **NOTICE, 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:

Applewood Farms of Virginia, IL, LLC
Gary Holloway
5793 IL Rte. 78 N
Virginia, Illinois 62691

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/ Amanda S. Kimmel
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)