

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Frank Hopkins, Jr. - Gilson)
(Property Identification Number) PCB 09-
18-05-200-002)) (Tax Certification)
)
)

PROOF OF SERVICE

I, the undersigned, on oath state that I have served the attached **APPEARANCE AND THE RECOMMENDATION**, upon the person to whom it is directed, by placing a copy in an envelope addressed to:

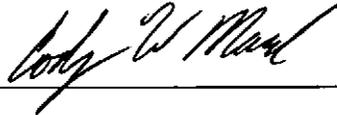
Steve Santarelli
Illinois Department of Revenue
101 West Jefferson
Post Office Box 19033
Springfield, IL 62794

Frank Hopkins, Jr.
740 Knox Road 600N
Gilson, IL 61436

and mailing it from Springfield, Illinois, on June 4, 2009, with sufficient postage affixed for first class mail.

And electronically, on June 4, 2009 to:

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



SUBSCRIBED AND SWORN TO BEFORE ME
This 4th day of June, 2009



Notary Public



BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

**Frank Hopkins Jr. -Gilson
(Property Identification Number
18-05-200-002)**

)
) **PCB 09-**
) **(Tax Certification)**
)
)

NOTICE

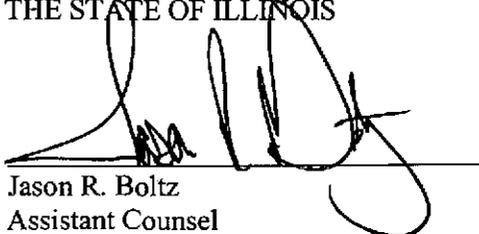
Clerk
Illinois Pollution Control Board
James R. Thompson Center
100 West Randolph Street, Suite. 11-500
Chicago IL 60601

Frank Hopkins, Jr.
740 Knox Road 600N
Gilson, IL 61436

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

PLEASE TAKE NOTICE that I have today filed with the Office of the Clerk of the Pollution Control Board an **APPEARANCE AND THE RECOMMENDATION** of the Illinois Environmental Protection Agency, a copy of which is herewith served upon you.

ENVIRONMENTAL PROTECTION AGENCY
OF THE STATE OF ILLINOIS

By: 
Jason R. Boltz
Assistant Counsel
Division of Legal Counsel

DATED: June 4, 2009

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

THIS FILING IS SUBMITTED ON RECYCLED PAPER

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

**Frank Hopkins, Jr. - Gilson
(Property Identification Number
18-05-200-002)**

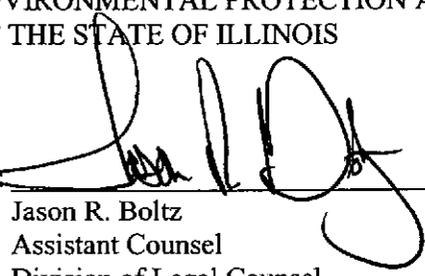
)
) **PCB 09-**
) **(Tax Certification)**
)
)

APPEARANCE

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

ENVIRONMENTAL PROTECTION AGENCY
OF THE STATE OF ILLINOIS

By _____


Jason R. Boltz
Assistant Counsel
Division of Legal Counsel

DATED: June 4, 2009

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RECOMMENDATION

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, 35 Ill. Adm. Code 125.204.

1. On May 18, 2009, the Illinois EPA received a request from Frank Hopkins, Jr. (log number TC-22-08, 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 applicant's facility address is: Frank Hopkins, Jr.
740 Knox Road 600N
Gilson, IL 61436

3. The proposed water pollution control facilities in this request are located at Section 5, T9N, R2E of the 4th P.M. in Knox County, at the above street address and consist of the following:

Livestock mortality management facilities consisting of one roofed concrete composting structure (132 ft. x 14 ft. x 6 ft. deep) consisting of nine 14ft. x 14ft. bins for the purposes of primary and secondary composting of dead swine.

These livestock mortality management facilities are used to collect, transport and/or store livestock wastes prior to cropland application., and are further described in Exhibit A.

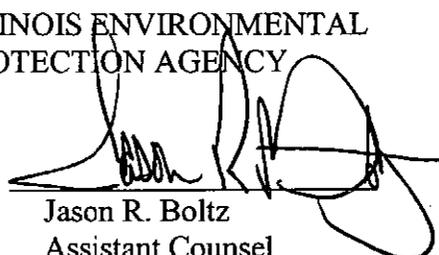
4. Section 11-10 of the Property Tax Code, 35 ILCS 200/11-10 (2006), defines "pollution control facilities" as:

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: (a) eliminating, preventing, or reducing air or water pollution ... or (b) 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.

5. Pollution control facilities are entitled to preferential tax treatment, 35 ILCS 200/11-5.
6. Based on the information in the application and the purpose of the facilities, 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: 

Jason R. Boltz
Assistant Counsel
Division of Legal Counsel

Dated: June 4, 2009
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) 782-2829
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 - (312) 814-6026

ROD R. BLAGOJEVICH, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

Memorandum

To: Connie Tonsor, Division of Legal Counsel

From: Al Keller, Manager, Permit Section 

Date: May 18, 2009

Re: Frank Hopkins, Jr. - Gilson
Recommendation of Tax Certification
Log # TC-22-08
Property Identification # 18-05-200-002

The Bureau of Water received a request on September 10, 2008 from Frank Hopkins, Jr. 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:

Frank Hopkins, Jr.
740 Knox Road 600N
Gilson, IL 61436

Section 5, T9N, R2E of the 4th P.M. in Knox County

Livestock mortality management facilities consisting of one roofed concrete composting structure (132 ft. x 14 ft. x 6 ft. deep) consisting of nine 14ft. x 14ft. bins for the purposes of primary and secondary composting of dead swine.

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

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

Based on the information included in this submittal, it is our engineering judgment that the above proposed facilities may be considered "Pollution Control Facilities" under 35 IAC 125.200(a), with the primary purpose of eliminating, preventing, or reducing water pollution, or as otherwise provided in this section, and therefore eligible for tax certification from the Illinois Pollution Control Board. The Bureau of Water therefore recommends that the Board issue the requested tax certification for these facilities.

If you have any questions regarding the above, please contact Thaddeus Faught at 217/782-3362.

SAK:TJF:TC-22-08.doc

cc: Tax Cert File

Watershed Unit Tax Certification Review Sheet

Project Name: Frank Hopkins Jr.
Reviewer: Thaddeus Faust
Log No.: TC-22-0A

Location: Gilson
Date: 2/26/09
Type: Agchem
 Livestock

Applicant: Frank Hopkins Jr.
675 Knox Hwy B
Milso. IL 61426

Contact: Frank Hopkins Jr.
Phone: 309-875-5786 / 309-369-0587

Facility: 740 Knox Road 607N
College IL 61426

Property ID: 18-05-200-037

Legal Description: Section 5 79th P2E of 4th PM

County: Knox

Date Control Devices Installed: 10/1/2008

Provided Fair Cash Value: \$40,000

Signature: Signed by Frank Hopkins Jr.

Title: OWNER

- Wastes:
- Livestock waste is applied to cropland.
 - Agrichemical rinsate and spillage is recycled through the facility and/or land applied.
 - Other: compost from dead culc.

Physical Description of Pollution Control Devices:

One concrete Composting bin (137 ft x 14 ft x 6 ft. high) w/ nine 14 ft x 14 ft. bins
used for primary soil spread, composting.
Structure has a roof /

Other:

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

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
 P. O. Box 19278, Springfield, IL 62794-9278

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

TC-22-08

FOR AGENCY USE				
File No.	Date Received	Certification No.	Date	
Sec. A APPLICANT	Company Name Frank Hopkins, Jr.		Person to Contact for Additional Details	
	Person Authorized to Receive Certification Frank Hopkins, Jr.		Street Address	
	Street Address 675 Knox Hwy 8		Municipality, State & Zip Code	
	Municipality, State & Zip Code Gilson, IL 61436		Telephone Number	
	Telephone Number (309) 875-3286 (309) 368-0382		Municipality	Township
	Location of Facility Quarter Section NE 1/4 Sect 5		Range 2-E	Book Number Chestnut
	Street Address 740 Knox Road 600 N Gilson		County Knox	Parcel Number 18-05-200-002
	Property Identification Number			
	Sec. B MANUFACTURING OPERATIONS	Nature of Operations Conducted at the Above Location		
		Water Pollution Control Construction Permit No.		Date Issued
NPDES PERMIT No.		Date Issued	Expiration Date	
Air Pollution Control Construction Permit No.		Date Issued		
Air Pollution Control Operating Permit No.		Date Issued		
Sec. C MANUFACTURING PROCESS	Describe Unit Process			
	Materials Used in Process			
Sec. D POLLUTION CONTROL FACILITY DESCRIPTION	Describe Pollution Abatement Control Facility			

IL 112-1222
 AFD 15 (Rev. 8/00)

Tax Certification for Pollution Control Facilities
 Page 1 of 2
 8:00

RECEIVED
 SEP 10 2008

Watershed Management Section
 BUREAU OF WATER

Sec. E
 POLLUTION CONTROL FACILITY - CONTAMINANTS
 ACCOUNTING DATA

(1) Nature of Contaminants or Pollutants

Contaminant or Pollutant	Material Retained, Captured or Recovered	
	DESCRIPTION	DISPOSAL OR USE
Dead Swine Compost		Land applied for Crop Fertilizer

(2) Point(s) of Waste Water Discharge

Plans and Specifications Attached Yes No

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

(4) Date installation completed 10/1/2008 status of installation on date of application under construction

(5) a. FAIR CASH VALUE IF CONSIDERED REAL PROPERTY: \$ 40,000
 b. NET SALVAGE VALUE IF CONSIDERED REAL PROPERTY: \$ 10,000
 c. PRODUCTIVE GROSS ANNUAL INCOME OF CONTROL FACILITY: \$ 0
 d. PRODUCTIVE NET ANNUAL INCOME OF CONTROL FACILITY: \$ 0
 e. PERCENTAGE CONTROL FACILITY BEARS TO WHOLE FACILITY VALUE: % 100

Sec. F
 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. The facilities claimed herein are "pollution control facilities" as defined in Section 11-10 of the Illinois Property Tax Code.

[Signature] Owner

Signature Title

Sec. G
 INSTRUCTIONS

INSTRUCTIONS FOR COMPILING AND FILING APPLICATION

General: Separate applications must be completed for each control facility claimed. Do not mix types (water and air). Where both air and water operations are related, file two applications. If attachments are needed, record them consecutively on an index sheet.

Sec. A Information refers to applicant as listed in the tax records and the person to be contacted for further details or for inspection of facilities. Define facility location by street address or legal description. A plat map location is required for facilities located outside of municipal boundaries. The property identification number is required.

Sec. B Self-explanatory. Submit copies of all permits issued by local pollution control agencies. (e.g. MSD Construction Permit)

Sec. C Refers to manufacturing processes or materials on which pollution control facility is used.

Sec. D Narrative description of the pollution control facility, indicating that its primary purpose is to eliminate, prevent or reduce pollution. State the type of control facility. State permit number, date, and agency issuing permit. A narrative description and a process flow diagram describing the pollution control facility. Include a listing of each major piece of equipment included in the claimed fair cash value for real property. Include an average analysis of the influent and effluent of the control facility stating the collection efficiency.

Sec. E List air contaminants, or water pollution substances released as effluents to the manufacturing processes. List also the final disposal of any contaminants removed from the manufacturing processes.
 Item (1) - Refers to pollutants and contaminants removed from the process by the pollution control facility.
 Item (2) - Refers to water pollution but can apply to water-carried wastes from air pollution control facilities. Submit drawings, which clearly show (a) Point(s) of discharge to receiving stream, and (b) Sewers and process piping to and from the control facility.
 Item (3) - If the collected contaminants are disposed of other than as wastes, state the disposition of the materials, and the value in dollars reclaimed by sale or reuse of the collected substances. State the cost of reclamation and related expense.
 Item (4) - State the date when the pollution control facility was first placed in service and operated. If not, explain.
 Item (5) - This information is essential to the certification and assessment actions. This accounting data must be completed to activate project review prior to certification by this Agency.

Sec. F Self-explanatory. Signature must be a corporate authorized signature.

Submit to:	Attention:	Attention:
Illinois EPA P.O. Box 19278 Springfield, IL 62704-0276	Al Keller Permit Section Division of Water Pollution Control	Donald E. Sutton Permit Section Division of Air Pollution Control

The facility is a 14' X 132' poured concrete structure with 6' high concrete walls with rebar. It has nine 14' X 14' bins to be used for primary and secondary composting. It has a roof structure over the bins with a 2 foot overhang on the front and back. The facility has a 20' X 132' concrete apron in front of the bins for loading and unloading. The apron also slopes away from the bins so water will not run in them to disrupt the composting process.

Dead hogs are placed into the facility when the mortality occurs. The dead animals are layered into a primary bin with a carbon material such as sawdust. After the bin is full it will be allowed to compost for 3 months, then flipped into a secondary bin for 3 months. After the composting process is complete, the material is spread onto nearby farm fields.

The compost facility keeps compost material and dead hogs from entering Brush Creek which is 720' from the facility. It also keeps compost and dead animal material from entering ground water and contaminating local wells.



Owner Copy

LOCATION

Section #: 5
Township: 9N
Range: 2E
Township Name: CHESTNUT
County: KNOX

Detailed Plans For:

Frank Hopkins

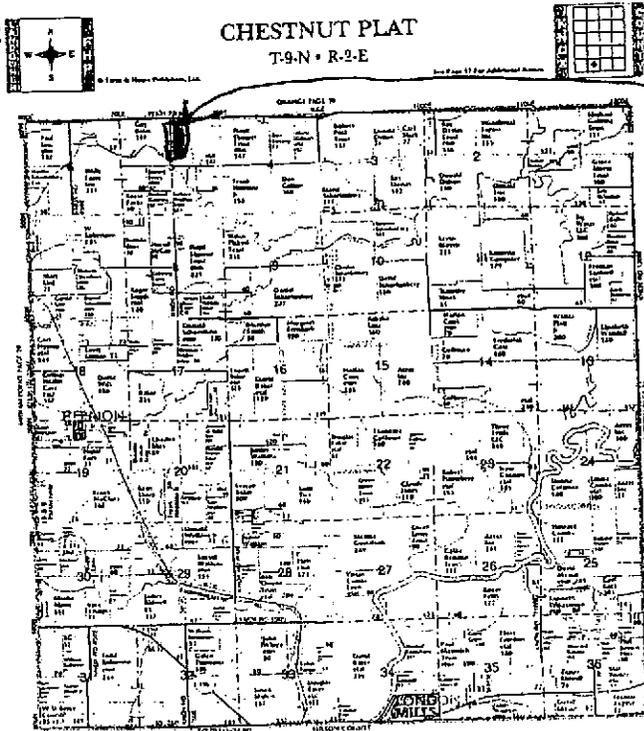
Project Type:

Composter

CN 745A1207058

PLAT MAP
Site Location

Location in Illinois



Site



Approved by: S Hopkins

Date: 4-19-07

9 BINS

Approved S. Hobson 4/19/07

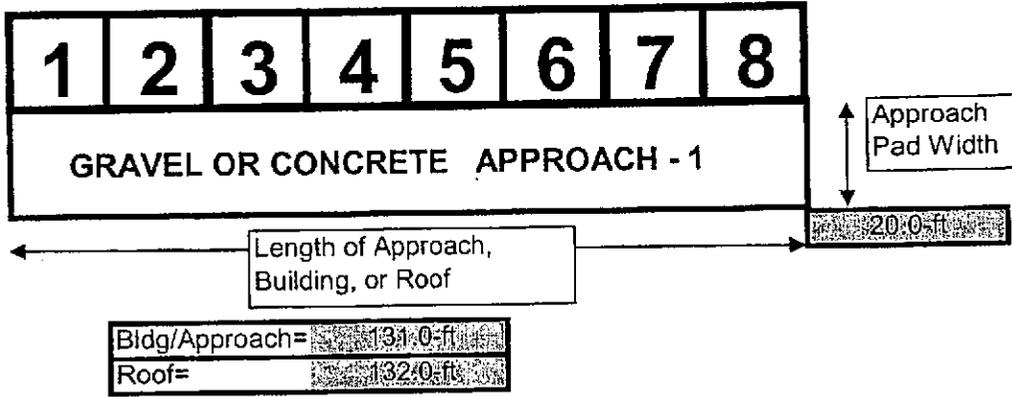
Dead Animal Compost

Compost Ver 1_07
updated 01-05-07

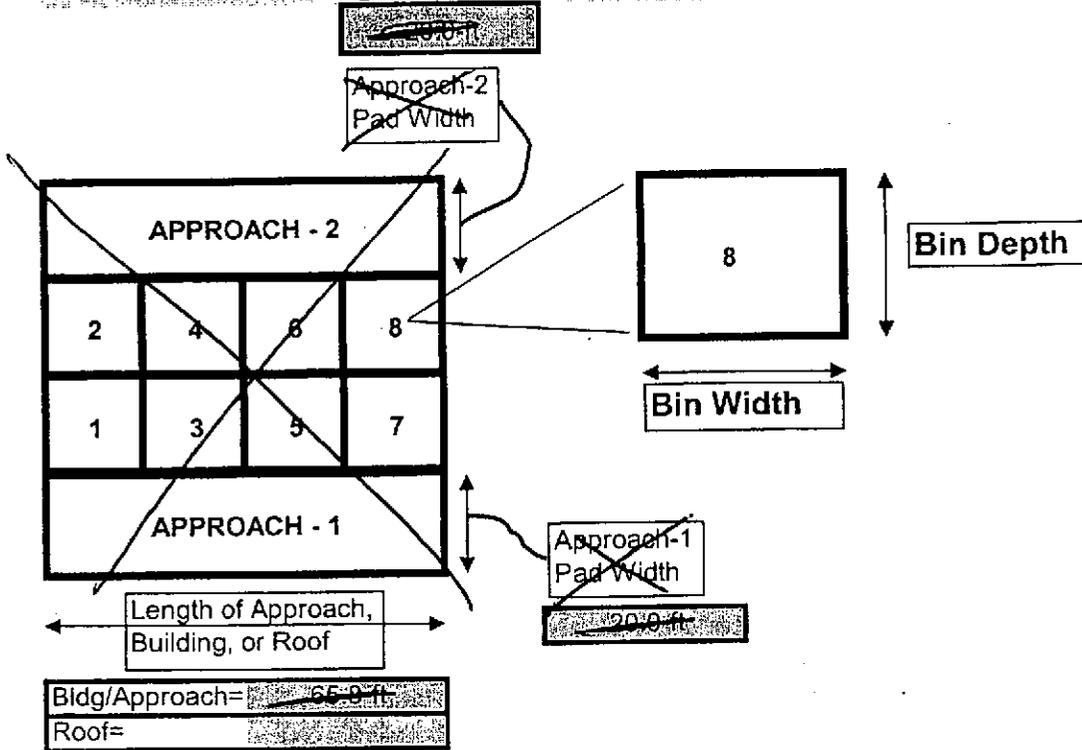
Frank Hopkins Jr.

Dimensions and Nomenclature of Proposed Design

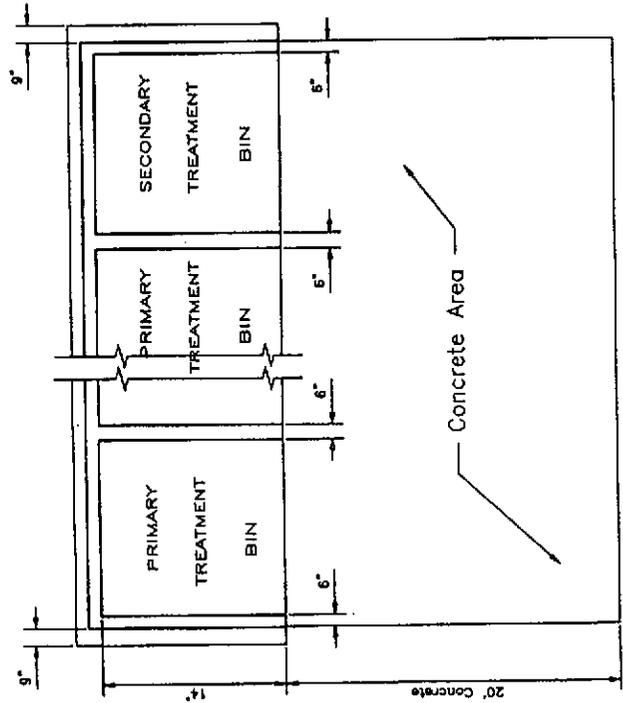
Single Bin Configuration: (Plan View)



Double Bin Configuration: (Plan View)



Frank Hopkins



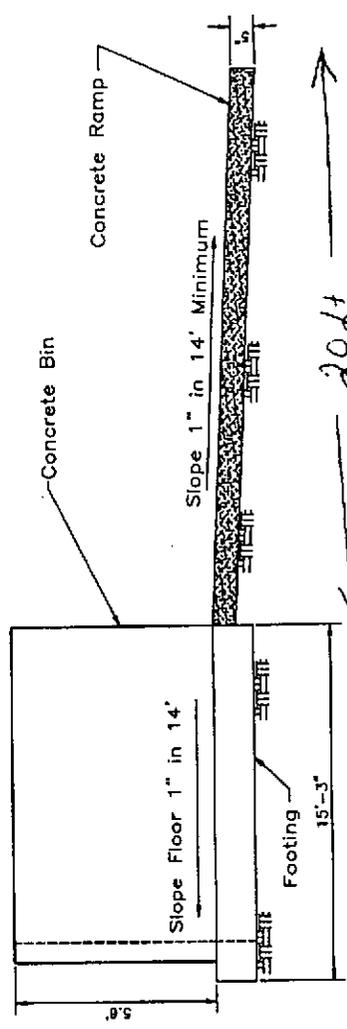
Minimum Bin Configuration - 2 Primary, 1 Secondary

PLAN

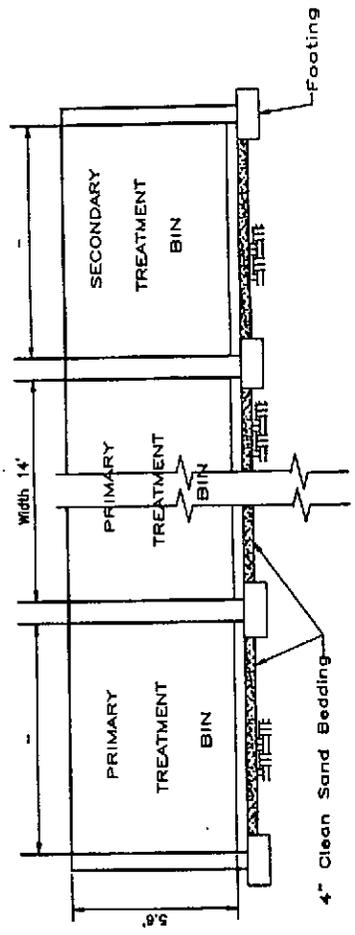
- 3- Primary Bins
- 4- Secondary Bins
- 2- Sawdust Bins

General Notes

1. Concrete shall be 6 bag mix minimum w/ 6 gal. of water per bag maximum. Concrete shall be evenly distributed in forms and vibrated to ensure consolidation.
2. All steel shall have a minimum clear concrete cover over reinforcement of 2" except when concrete is on or against earth, then minimum clear cover shall be 3".
3. No earth backfill will be placed around the out side of these walls.



SIDE VIEW
Not To Scale



FRONT VIEW
Not To Scale

9 --- BIN COMPOSTER

✓ r. S. Hobson 4/19/07

Sizing Compost Bins

By Troy Brown
Compost Ver 1_07
updated 01-05-07

Name	Frank Hopkins Jr
Tract	11651
Program	EQIP
Designed by	Mary Johnson

Location	Chestnut 5
Farm	6720
Date	3/12/2007
Checked by	

step 1	Stage	Capacity	Average Weight	Turns per Year	% Mortality	Yearly death loss pounds of carcass
	Weaning					0
	Nursery					0
	Finish	4800	150	2	0.04	57600
	Breeding					0
	Cattle					0
	Calves					0
Total yearly death loss, pounds of carcass						57,600

step 2	57,600	157.8	Daily death loss in pounds of carcass
	Total		

step 3	157.8	3,156.2	Total cubic feet of primary bin volume needed
	Total		

Enter	Bin Width, FT =====>	14.0	<-- Cell H26
	Bin Depth, FT =====>	14.0	<-- Cell H27
	Wall Height above top of Floor, FT =====>	5.6	<-- Cell H28

step 4	3,156.2	565.3	Total surface area required for the primary bins
	Total		The producer uses (Cell H33) feet as the bin height above top of floor

step 5	565.3	2.9	This is how many primary bins needed to be built
	Total		The producer chooses a trial bin size of Cell H32 feet deep and Cell H31 feet wide

step 6	3		Build the same number of secondary bins as primary bins +1.
	Total		

TOTAL	7	Total number of bins needed (Secondary and Primary)
	2	Add Bins for Sawdust Storage
	9	Final Design of number of bins (Secondary, Primary, & Sawdust)

213.12 Cubic Yards of sawdust per year
The sawdust volume is based on 3.7 CY per 1,000 lbs of carcass