

RECEIVED
CLERK'S OFFICE

JUL 05 2007

STATE OF ILLINOIS
Pollution Control Board

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Hildebrandt Farms-South Beloit
(Property Identification Number
01-04-300-008)

)
)
)
) PCB 08- 07
) (Tax Certification)

NOTICE

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

Ken and Don Hildebrandt
2587 Stateline Road
South Beloit, Illinois 61081

Steve Santarelli
Illinois Department of Revenue
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 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: Vera Herst
Vera Herst
Assistant Counsel
Division of Legal Counsel

DATED: July 2, 2007

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

RECEIVED
CLERK'S OFFICE

JUL 05 2007

STATE OF ILLINOIS
Pollution Control Board

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

Hildebrandt Farms-South Beloit
(Property Identification Number
01-04-300-008)

)
)
)
) **PCB 08- 02**
) **(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: *Vera Herst*
Vera Herst
Assistant Counsel
Division of Legal Counsel

DATED: July 2, 2007

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

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CLERK'S OFFICE

JUL 05 2007

Hildebrandt Farms-South Beloit
(Property Identification Number)
01-04-300-008)

) PCB-08 -02
) (Tax Certification)
)
)

STATE OF ILLINOIS
Pollution Control Board

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 July 17, 2002, the Illinois EPA received a request from Hildebrandt Farms (log number TC-04-02, 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 address is: Hildebrandt Farms
2587 Stateline Road
South Beloit, Illinois 61081
3. The proposed water pollution control facilities in this request are located at Section 4, T46N, R3E of the 3rd P.M. in Boone County, at the above street address and consist of the following:

Livestock waste management facilities consisting of two (1 ft. x 40 ft. x 1 ft. deep) manure collections troughs in the milk house parlor; one (10 ft. x 10 ft. x 6 ft. deep) manure collection pit for the milk house parlor; one (2 ft. x 92 ft. x 2-4 ft. deep) manure flume in one dairy free stall barn; one (16 ft. x 16 ft. x 12 ft. deep) manure reception pit; one 81 ft. diameter x 14 ft.) glass-lined steel manure slurry store tank; one 30- horsepower electric manure transfer pump; approximately 130 feet of 3-inch diameter PVC manure transfer pipe; approximately 180 feet of 8-inch diameter manure transfer pipe; approximately 20 feet of 6-inch diameter PVC manure transfer pipe and a mechanical scraper system in one dairy free stall barn.

These livestock waste 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 (2004), 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: Vera Herst
Vera Herst
Assistant Counsel
Division of Legal Counsel

Dated: July 2, 2007
Illinois Environmental Protection Agency
1021 North Grand Ave. E.
P.O. Box 19276
Springfield, Illinois 62794-9276
217/782-5544

STATE OF ILLINOIS)
)
)
COUNTY OF SANGAMON)
)

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:

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

Ken and Don Hildebrandt
2587 Stateline Road
South Beloit, Illinois 61081

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

and mailing it from Springfield, Illinois, on July 2, 2007, with sufficient postage affixed for first class mail.

Ashe M. Stritzel

SUBSCRIBED AND SWORN TO BEFORE ME
This 2nd day of July, 2007

Brenda Boehner
Notary Public



THIS FILING IS SUBMITTED ON RECYCLED PAPER



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 – (217) 782-3397
 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: Bruce J. Yurkin, Manager, Watershed Management Section
 Date: MAY - 9 2007
 Re: Hildebrandt Farms - South Beloit
 Recommendation of Tax Certification
 Log # TC-04-02
 Property Identification # 01-04-300-008

The Bureau of Water received a request on July 17, 2002 from Hildebrandt Farm 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:

Hildebrandt Farm
 2587 Stateline Road
 South Beloit, IL 61081

Section 4, T46N, R3E of the 3rd P.M. in Boone County

Livestock waste management facilities consisting of two (1 ft. x 40 ft. x 1 ft. deep) manure collection troughs in the milk house parlor, one (10 ft. x 10 ft. x 6 ft. deep) manure collection pit for the milk house parlor; one (2 ft. x 92 ft. x 2-4 ft. deep) manure flume in one dairy free stall barn; one (16 ft. x 16 ft. x 12 ft. deep) manure reception pit; one (81 ft. diameter x 14 ft.) glass-lined steel manure slurry store tank; one 30-horsepower electric manure transfer pump; approximately 130 feet of 3 inch diameter PVC manure transfer pipe; approximately 180 feet of 8 inch diameter PVC manure transfer pipe; approximately 20 feet of 6 inch diameter PVC manure transfer pipe and a mechanical scraper system in one dairy free stall barn. These livestock waste management facilities are used to collect, transport, and/or store livestock wastes prior to cropland application.

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

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

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

BJY:JRA:

cc: Tax Cert File

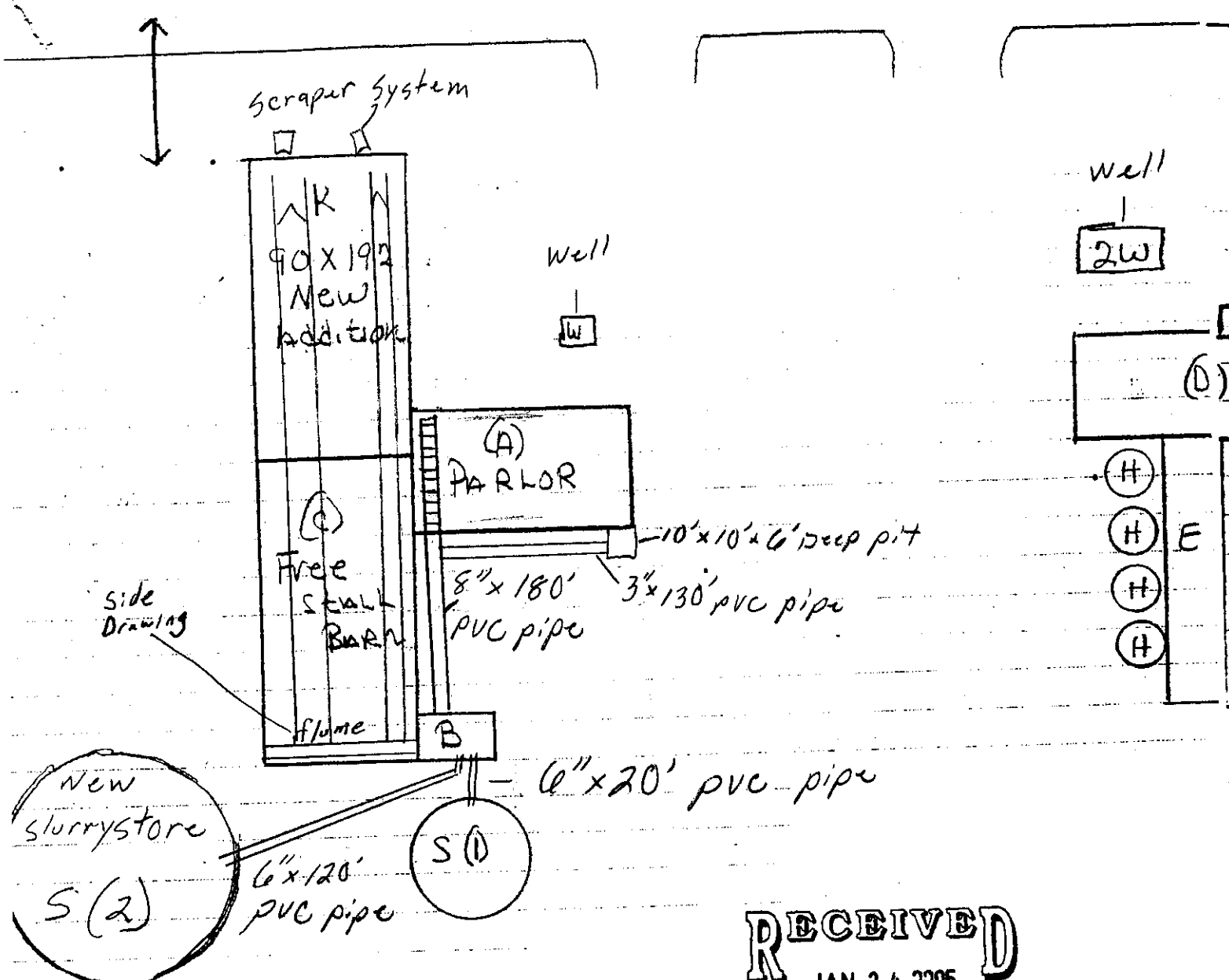
Dear Mr. Allison
Enclosed is a letter
that I hope is what
you want. If not give
me a call.

Sincerely,

Don Willibrand

815-292-3289
815-703-3762

RECEIVED
MAR 28 2007
Watershed Management Section
BUREAU OF WATER



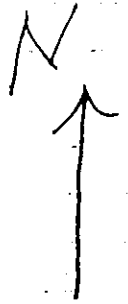
S2 -
 126' - Diameter
 19' - Deep

S1 -
 81' - Diameter
 14' - Deep

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 JAN 24 2005

Watershed Management Section
 BUREAU OF WATER

STATELINE RD



FARM
RES

FARM
RES

[]

please Exclude

D E F G H

F

Fred Hildebrandt
Boone County
2537 STATELINE
South Beloit IL
61080

Hildebrandt Farms
2587 Stateline Rd.
S. Beloit, IL 61080

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

IL 532-0357
ADM 39
054-002

Subject Hillbrook Farm

Data TC-04-02 / TC-01-02

Reviewed by JPA

Date 23 Apr 07

Parlor

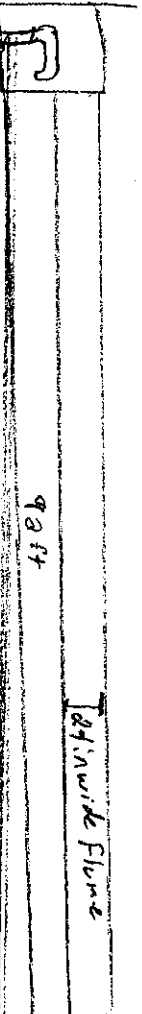
2 troughs (18' x 10' x 1') run East-West
- flows into pit at end of parlor

1 Pit (10' x 10' x 6") runs North-South
- flows into 8" PVC to receptor pit

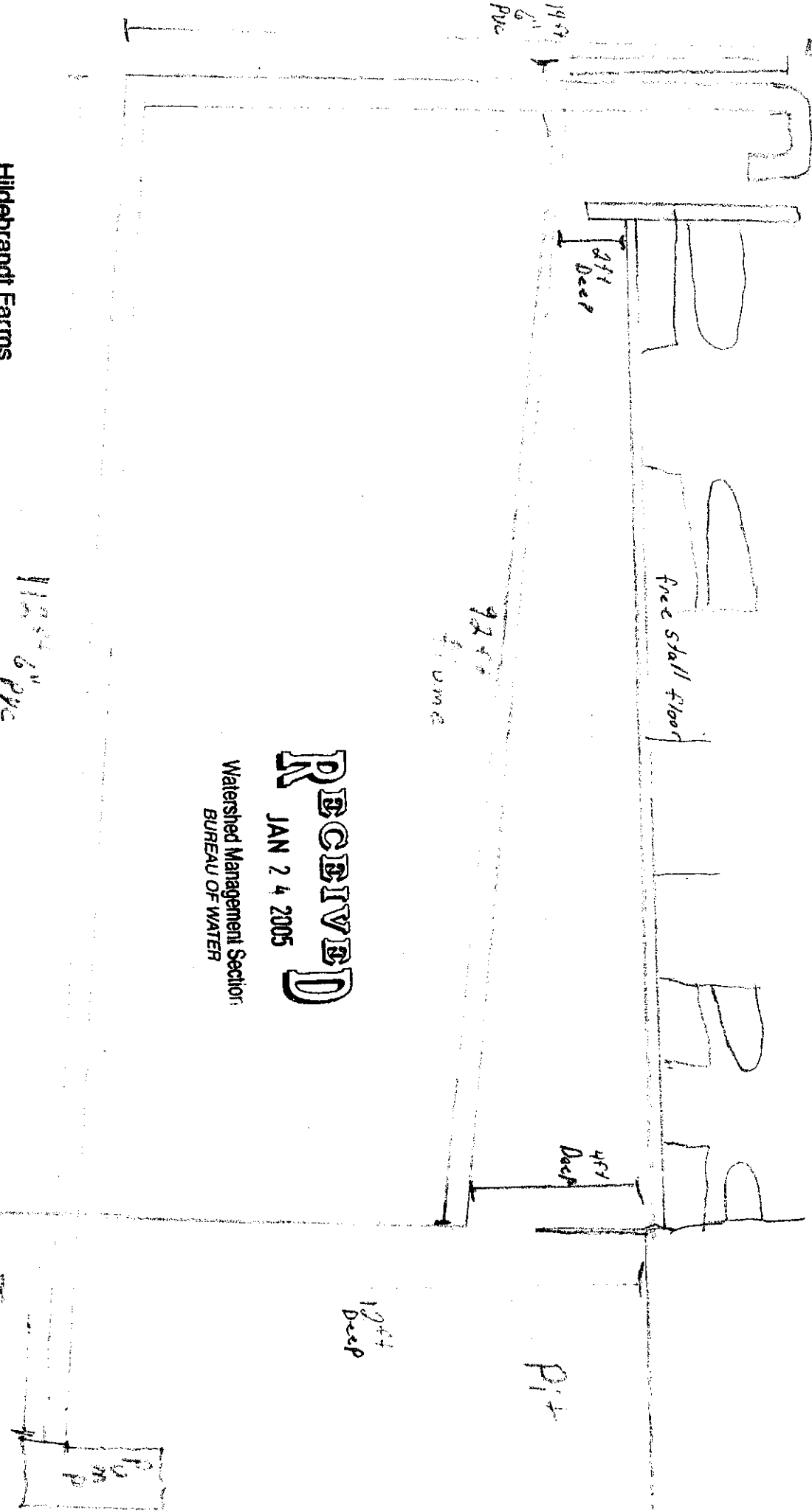
Free Stall

Scrapper system was New Model 1 to cover both original
and extension.

Flume Top Drawing



Flume Side Drawing



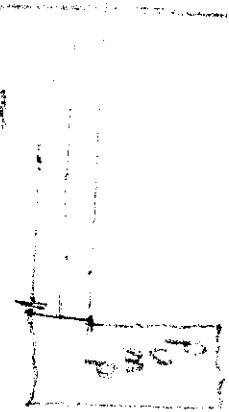
RECEIVED

JAN 24 2005

Watershed Management Section
BUREAU OF WATER

Hidebrandt Farms
2587 Stateline Rd.
S. Beloit, IL 61080

11 ft 6 in PVC



Watershed Unit Tax Certification Review Sheet

Project Name: Hildebrandt Farm Location: South Point
 Reviewer: ABA Date: 19 Jun 89
 Log No: TE-04-02 Type: Agchem
 Livestock
 Applicant: Ken & Don Hildebrandt Contact: Same
2587 Steteline Road Phone: (815) 292-3011
South Point, IL 61081
 Facility: Same Property ID: 01-04-300-008
 Legal Description: NE 1/4 Sec 4 T46N R3E County: Boone
 Date Control Devices Installed: 12-1-75 Provided Fair Cash Value: \$357,118
 Signature: Ken & Don Hildebrandt 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:

Fertilizer Storage 70' x 420' w/ screens
Pump - 30hp 3 phase 1000 rpm
Pipe - 1" PVC (line pressure from to storage)
Pipe - gravity flow from Parlor to pump 8" PVC
Slurry store 21' x 14'
Pipe - 21' line - 21' x 9" x (2' - 7") corr.
21' line to 21' pipe

Other: Fertilizer storage & pipe lines are 10 miles from per above conversation w/ applicant

STATE OF ILLINOIS
 ENVIRONMENTAL PROTECTION AGENCY

IL 632-0357
 ADM 39
 054-002

Subject _____

Data _____

Reviewed by _____ Date 5 June 87

- Feed Stall Floor (10' x 20')
 - 4 (11' x 7' Valley) w/ 2 inch ...
 - 1/2" PVC ...
 - 3/4" PVC ...

- ...
 - 2 ... (10' x 10')
 - 2" PVC - 180'
 - 3" PVC - 330'

- ... Transfer Pit
 - 30 ... Chopper Transfer pump

- 6" ...
 - 120' x 20' ...

- ...
 - 31' PVC ...

Questions

- ...
 - ... length?
 - ...

No.

Watershed Unit Tax Certification Review Sheet

Project Name: HELDEBRAND FARM
Reviewer: MAT
Log No.: 16-05-02
AND TL-04-02

Location: SOUTH BELLET
Date: 9/2/2003
Type: Agchem
 Livestock

Applicant: KEN & DON HELDEBRAND
2597 STATELINE ROAD
SOUTH BELLET, IL

Contact: KEN & DON HELDEBRAND
Phone: 815-292-3289

Facility: SAME AS APPLICANT

Property ID: 01-04-300-008

Legal Description: SEC 7, 4 T46N R3E

County: BOONE

Date Control Devices Installed: 12-1-95

Provided Fair Cash Value: 359,218

Signature: KEN & DON HELDEBRAND

Title: OWNERS

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:

LIVESTOCK WASTE MANAGEMENT FACILITIES
11' x 410' ALLEYS WITH SCRAPER 4' x 2' x 98' PLUME
1' x 16' x 8' RECEPTOR PIT
1' x 40' MILK PARLOR WASTE COLLECTION
120' DIAMETER, 14.8' HIGH GLASS LINED STEEL APPROX. 1.6 MGAL
MANURE STORAGE DEVICE

Other: ?? SECTION #??, REMOVE ~~SCR~~ FREE DRAIN AREA, DESCRIBE ALLEYS
AND SCRAPER SYSTEM, DESCRIBE LIVESTOCK WASTE COLLECT SYSTEM
IN MILK PARLOR



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276, 217-782-3397
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601, 312-814-6026

ROD R. BLAGOJEVICH, GOVERNOR

RENEE CIPRIANO, DIRECTOR

217/782-3362

NOV 10 2004

Ken and Don Hildebrant
2587 Stateline Road
South Beloit, IL 61081

Re: Illinois Property Tax: Hildebrant Farm – South Beloit (Boone County)
Livestock Waste Containment Facilities
Log # TC-04-02 and TC-01-03

Dear Mr. Hildebrant:

We received your application for Illinois Property Tax Certification and supporting documents concerning TC-04-02 on July 17, 2002 with supplemental information on February 10, 2003 and TC-01-03 on January 2, 2003. The Agency's staff has phoned and left messages on June 16, August 2, and October 15, 2004. and has received no reply. The documents, as submitted, have been reviewed by the Watershed Management Section staff, and based on that review, the following items are offered for your consideration and appropriate action.

For TC-04-02:

1. Please indicate the size(s) of the feeder pipe(s) associated with the free stall barn and the length(s) of the pipe(s).
2. Please provide additional detail for the portion of the flume above the 24 inch flush pipe.
3. Please verify that the manure pit in the free stall barn is 16 ft. x 16 ft. x 8 ft. deep and indicate the material of construction.
4. Please provide a detail drawing of the milking parlor including the two manure collection troughs and connection to the 8 inch PVC drain.
5. Please provide the length of the 8 inch manure transfer piping associated with the parlor.
6. Please provide the length of the 6 inch high pressure PVC manure transfer lines.
7. Please verify that the slurry store labeled "S1" is 81 ft. in diameter and 14 ft. deep.
8. Please indicate the object label "W" and any pertinent pollution control information. (i.e., well, not for certification, etc.).
9. Please be advised that the milking parlor can not be covered for under this certification since their primary purpose is not for pollution control. Please provide documentation for the withdraw or revision of request to not included these facilities. Please be advised that if the parlor was included in the fair cash value estimate that the estimate must be revised.

For TC-01-03:

10. Please indicate the use of the building label "K" (90 ft. x 192 ft) and any pertinent pollution control information associated with this building (i.e., free stall barn, scrapper system, flume, pit, etc.).
11. Please verify that the slurry store labeled "S2" is 120 ft. in diameter and 18 ft. deep.
12. Please provide information on any manure transfer piping proposed to be covered under certification including type of material, size, and length. Please provide an updated drawing with the locations of the piping.

ROCKFORD – 4302 North Main Street, Rockford, IL 61103 – (815) 987-7760 • DES PLAINES – 9511 W. Harrison St., Des Plaines, IL 60016 – (847) 294-4000
ELGIN – 595 South State, Elgin, IL 60123 – (847) 608-3131 • PEORIA – 5415 N. University St., Peoria, IL 61614 – (309) 693-5463
BUREAU OF LAND - PEORIA – 7620 N. University St., Peoria, IL 61614 – (309) 693-5462 • CHAMPAIGN – 2125 South First Street, Champaign, IL 61820 – (217) 278-5800
SPRINGFIELD – 4500 S. Sixth Street Rd., Springfield, IL 62706 – (217) 786-6892 • COLLINSVILLE – 2009 Mall Street, Collinsville, IL 62234 – (618) 346-5120
MARION – 2309 W. Main St., Suite 116, Marion, IL 62959 – (618) 993-7200

January 31, 2003

From: Ann Hildebrandt
Hildebrandt Farms
2587 Stateline Road
South Beloit, IL 61081

RECEIVED
FEB 10 2003
Waste Management Section
CLERK OF COURSE

Dear Matthew:

Per your request I have had Randy Cady of Cady Inc. (contractor/supplier) supply the following response to your letter dated December 11, 2002.

Response

The waste management freestall facility consists of (4) manure containment alleys, nominally 11 ft wide each by 410 ft long. The North end of each being curbed to contain waste, while the South end of the alleys discharge into the West to East concrete manure flume. This flume being a nominal 4 ft deep by 2 ft wide by 98 ft in length. Flow is from West to East where it discharges into the transfer manure pit on the drawing.

The freestall structure, driveway, equipment and accessories are not included in the valuations presented for the waste containment portion of this facility as listed in Section E.

The alley scraper system consists of (4) 11 ft blades that carry waste at 6 ft / minute from North to South in the alleys. A continuous ½" stainless steel cable is the pulley device that moves the scrapers. This cable is driven by (2) individual drives, each having a 60" drum with a 1½hp 1ph gear drive on each.

The waste management portion of the parlor facility includes (2) manure collection troughs in the cow deck area being 1 ft x 40 ft x 1 ft nominally. These discharge into an 8" drain PVC that collects all other parlor manure area wash and holding area wash water, which then drains to the waste transfer pit.

Also under the parlor is the parlor milk house area wash drain which is collected in a septic tank. From this tank a 1½hp submersible pump transfers the waste to the manure transfer pit via 4" PVC.

Both portions of the parlor waste system are transferred along with the manure to the above grade Slurrystore System.

The above descriptions apply to both Illinois Property Tax Certifications sent to the Illinois EPA by Hildebrandt Farms in 2002.

Yours Very Truly,



Ann Hildebrandt



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

RENEE CIPRIANO, DIRECTOR

217/782-3362

DEC 11 2002

Ken & Don Hildebrant
2587 Stateline Road
South Beloit, IL 61081

Re: Illinois Property Tax: Hildebrant Farm – South Beloit
Livestock Waste Containment Facilities
Log No. TC-04-02

Dear Mr. Hildebrant:

The application for Illinois Property Tax Certification received July 19, 2002 for the above listed facilities has been reviewed and the following is offered for your consideration and appropriate action.

Please indicate the dimensions of the waste alley, the flume, and the alley scrappers. Also describe the cable system used to power the alley scrappers.

Please describe any livestock waste management facilities located in the parlor.

Please revise the submitted request for certification of livestock waste containment structures by providing a statement indicating that the request for certification of the free stall area has been withdrawn. Please also verify that the submitted accounting information in Section E of the application form does not include the aforementioned equipment. If the aforementioned facilities are included in the accounting information submitted, please provide revised accounting information that does not include the aforementioned facilities.

Please review the subject applications accordingly for the items specified above and submit to the Illinois Environmental Protection Agency by March 22, 2003 so that we may complete the review of the subject application. Please include the above log number on all correspondence.

If you have any questions or comments concerning the above items, please contact me at the above address and telephone number.

Very truly yours,

Matthew Talbert
Facility Evaluation Unit
Watershed Management Section
Bureau of Water

MAT:TC0402rl

GEORGE H. RYAN, GOVERNOR



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

RENEE CIPRIANO, DIRECTOR

217/782-3362

DEC 11 2002

Ken & Don Hildebrant
2587 Stateline Road
South Beloit, IL 61081

Re: Illinois Property Tax: Hildebrant Farm – South Beloit
Livestock Waste Containment Facilities
Log No. TC-04-02

Dear Mr. Hildebrant:

The application for Illinois Property Tax Certification received July 19, 2002 for the above listed facilities has been reviewed and the following is offered for your consideration and appropriate action.

Please indicate the dimensions of the waste alley, the flume, and the alley scrappers. Also describe the cable system used to power the alley scrappers.

Please describe any livestock waste management facilities located in the parlor.

Please revise the submitted request for certification of livestock waste containment structures by providing a statement indicating that the request for certification of the free stall area has been withdrawn. Please also verify that the submitted accounting information in Section E of the application form does not include the aforementioned equipment. If the aforementioned facilities are included in the accounting information submitted, please provide revised accounting information that does not include the aforementioned facilities.

Please review the subject applications accordingly for the items specified above and submit to the Illinois Environmental Protection Agency by March 22, 2003 so that we may complete the review of the subject application. Please include the above log number on all correspondence.

If you have any questions or comments concerning the above items, please contact me at the above address and telephone number.

Very truly yours,

Matthew Talbert
Facility Evaluation Unit
Watershed Management Section
Bureau of Water

MAT:TC0402rl

GEORGE H. RYAN, GOVERNOR

APPLICATION FOR CERTIFICATION (PROPERTY TAX TREATMENT)
 POLLUTION CONTROL FACILITY

AIR WATER

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

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

FOR AGENCY USE

File No.	Date Received	Certification No.	Date		
Sec. A APPLICANT	Company Name <i>Hildebrandt Farm</i>				
	Person Authorized to Receive Certification <i>Ken & Don Hildebrandt</i>		Person to Contact for Additional Details <i>Ken & Don Hildebrandt</i>		
	Street Address <i>2587 Stateline Road</i>		Street Address <i>2587 Stateline Road</i>		
	Municipality, State & Zip Code <i>South Beloit, IL 61081</i>		Municipality, State & Zip Code <i>South Beloit, IL 61081</i>		
	Telephone Number <i>(815) 292-3289</i>		Telephone Number <i>(815) 292-3289 MANCHESTER</i>		
	Location of Facility Quarter Section Township Range <i>NE of NW 7 46-N 3-E</i>		Municipality Township <i>BROOKFIELD MANCHESTER</i>		
	Street Address <i>2587 Stateline Road</i>		County Book Number <i>BROOKFIELD 10-01-001</i>		
	Property Identification Number <i>01-04-300-008</i>		Parcel Number		
	Sec. B MANUFACTURING OPERATIONS	Nature of Operations Conducted at the Above Location <i>Milking dairy facility-manure collected and stored in above ground positive containment then manure is injected in the soil at agronomic rates as a fertilizer.</i>			
		Water Pollution Control Construction Permit No.		Date Issued	
NPDES PERMIT No.		Date Issued	Expiration Date		
Air Pollution Control Construction Permit No.		Date Issued			
Air Pollution Control Operating Permit No.		Date Issued			
Sec. C MANUFACTURING PROCESS	Describe Unit Process <i>DNA</i>				
	Materials Used in Process <i>DNA</i>				
Sec. D POLLUTION CONTROL FACILITY DESCRIPTION	Describe Pollution Abatement Control Facility <i>Milking dairy facility - manure collected and stored in above grade positive containment then manure is injected in the soil at agronomic rates as a fertilizer</i>				
	<i>Manure Analysis Nitrogen 39 - P₂O₅ 14 - K₂O 27 = lbs / 1000 gal (see attachment plan)</i>				

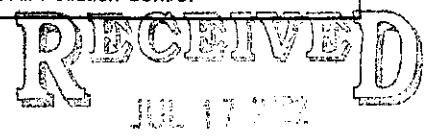
RECEIVED
 JUL 17 1992

ILLINOIS ENVIRONMENTAL
 PROTECTION AGENCY
 BOW/WPC/PERMIT SECTION

Sec. F POLLUTION CONTROL FACILITY - CONTAMINANTS ACCOUNTING DATA	(1) Nature of Contaminants or Pollutants		
		Material Retained, Captured or Recovered	
	Contaminant or Pollutant	DESCRIPTION	DISPOSAL OR USE
	Dairy Manure Runoff	Urine, Feces, Milk Waste, Wash Water	Injected as fertilizer
	(2) Point(s) of Waste Water Discharge <i>None</i>		
	Plans and Specifications Attached		
	(3)	Are contaminants (or residues) collected by the control facility?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	(4)	Date installation completed <u>12-1-95</u> status of installation on date of application <u>operating</u>	Yes <input type="checkbox"/> No <input type="checkbox"/>
	(5)	a. FAIR CASH VALUE IF CONSIDERED REAL PROPERTY:	\$ 359,218
		b. NET SALVAGE VALUE IF CONSIDERED REAL PROPERTY:	\$ 35,921
	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.		
	<i>[Signature]</i> Signature <u><i>[Signature]</i></u> Title <u>OWNERS</u>		Expected Life 40 years

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 <u>pollution control facility</u> . Include a listing of each major piece of equipment included in the claimed fair cash value for real property. Include an <u>average</u> 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 which 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: Illinois EPA P.O. Box 19276 Springfield, IL 62794-9276	Attention: Thomas McSwiggin Permit Section Division of Water Pollution Control	Attention: Donald E. Sutton Permit Section Division of Air Pollution Control



FARM
Res

FARM
Res

Key: K + (C) Freestall housing
90' x 420' with scrapers see (A)

B) Flume system with Transfer pumps see attachment (A)

B) 30hp 3Ø transfer Agi Pump see Attachment (C)

D) Manure Transfer line to storage

E) Parlor waste Transfer line gravity to transfer pump

S(D) - Shurry store present see Attach (D)

Manure

manure/day
ash 1120/day

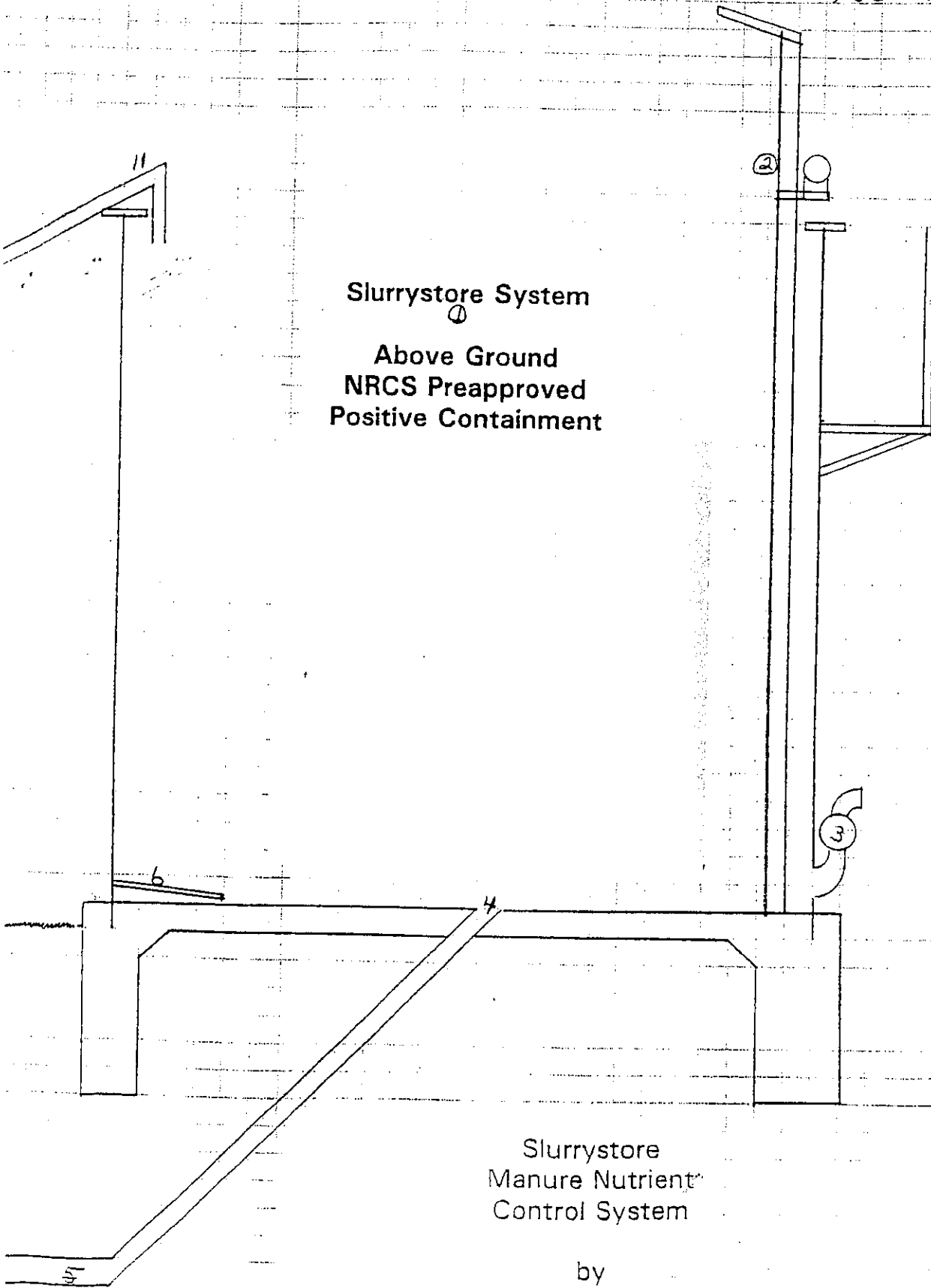
gal required

see board = 443,036 gallons

Fred Hildebrand
Boone County
2537 STATELINE
South Beloit IL
6108

Hildebrand
Attachment
(C)

Slurrystore System
①
Above Ground
NRCS Preapproved
Positive Containment



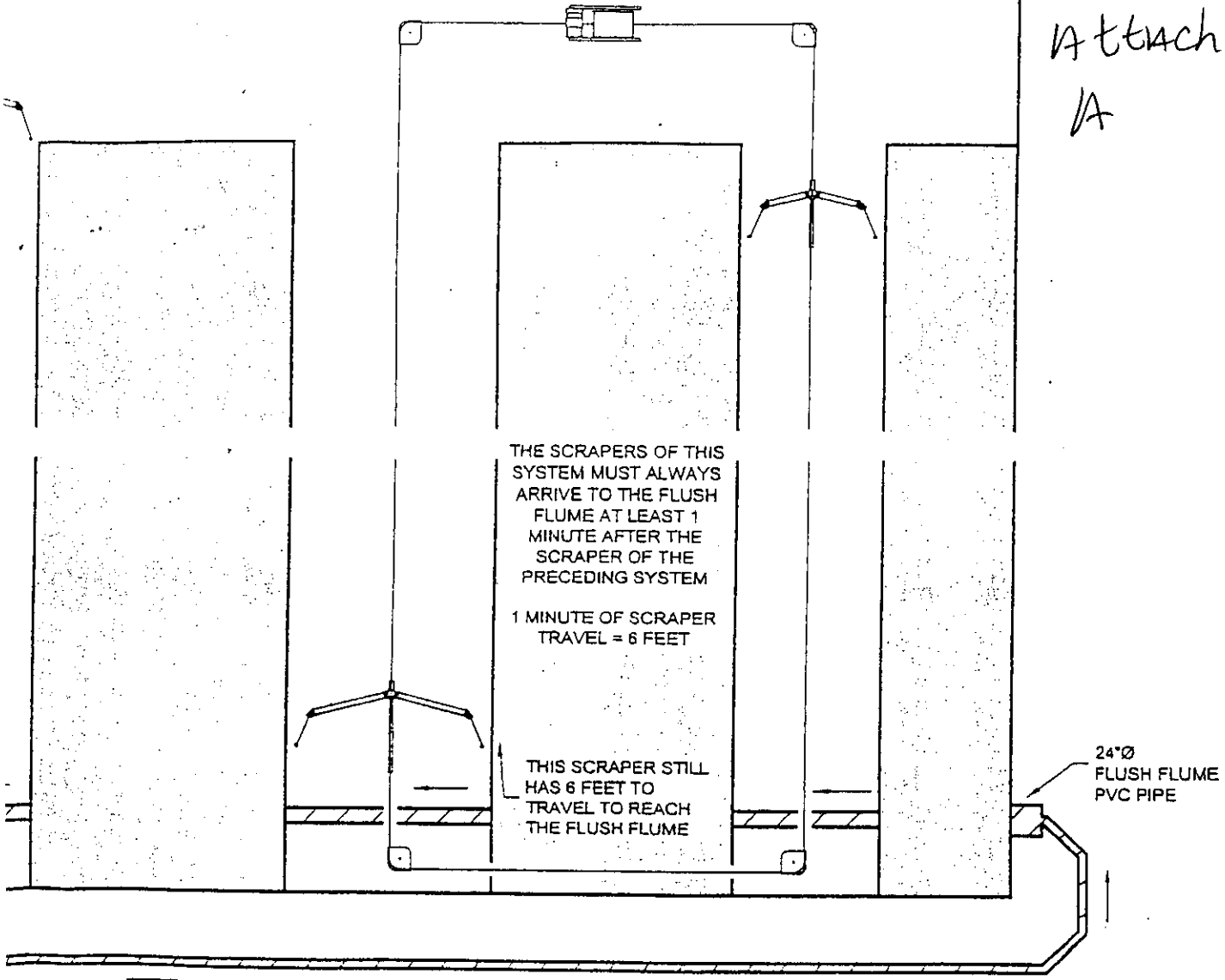
Slurrystore
Manure Nutrient
Control System

by
Cady Inc.

106'-0"

CABLE FREE STALL CLEANER WITH SLAVE CONTROL PANEL

Hildebrand
Attachment
A



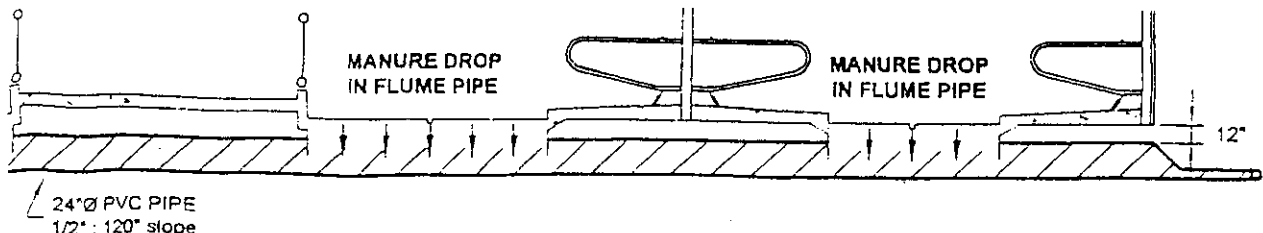
THE SCRAPERS OF THIS SYSTEM MUST ALWAYS ARRIVE TO THE FLUSH FLUME AT LEAST 1 MINUTE AFTER THE SCRAPER OF THE PRECEDING SYSTEM

1 MINUTE OF SCRAPER TRAVEL = 6 FEET

THIS SCRAPER STILL HAS 6 FEET TO TRAVEL TO REACH THE FLUSH FLUME

24"Ø FLUSH FLUME PVC PIPE

6"Ø OR 8"Ø PVC PIPE BETWEEN FLUSH FLUME PUMP AND FLUSH FLUME PIPE



MANURE DROP IN FLUME PIPE

MANURE DROP IN FLUME PIPE

12"

24"Ø PVC PIPE
1/2" : 120" slope

HOULE

J. HOULE ET FILS INC.
 4501 RTE 143, CP 370
 DRUMMONDVILLE QC, CANADA J2B 6W3
 TEL: (819) 477-7444 FAX: (819) 477-0486

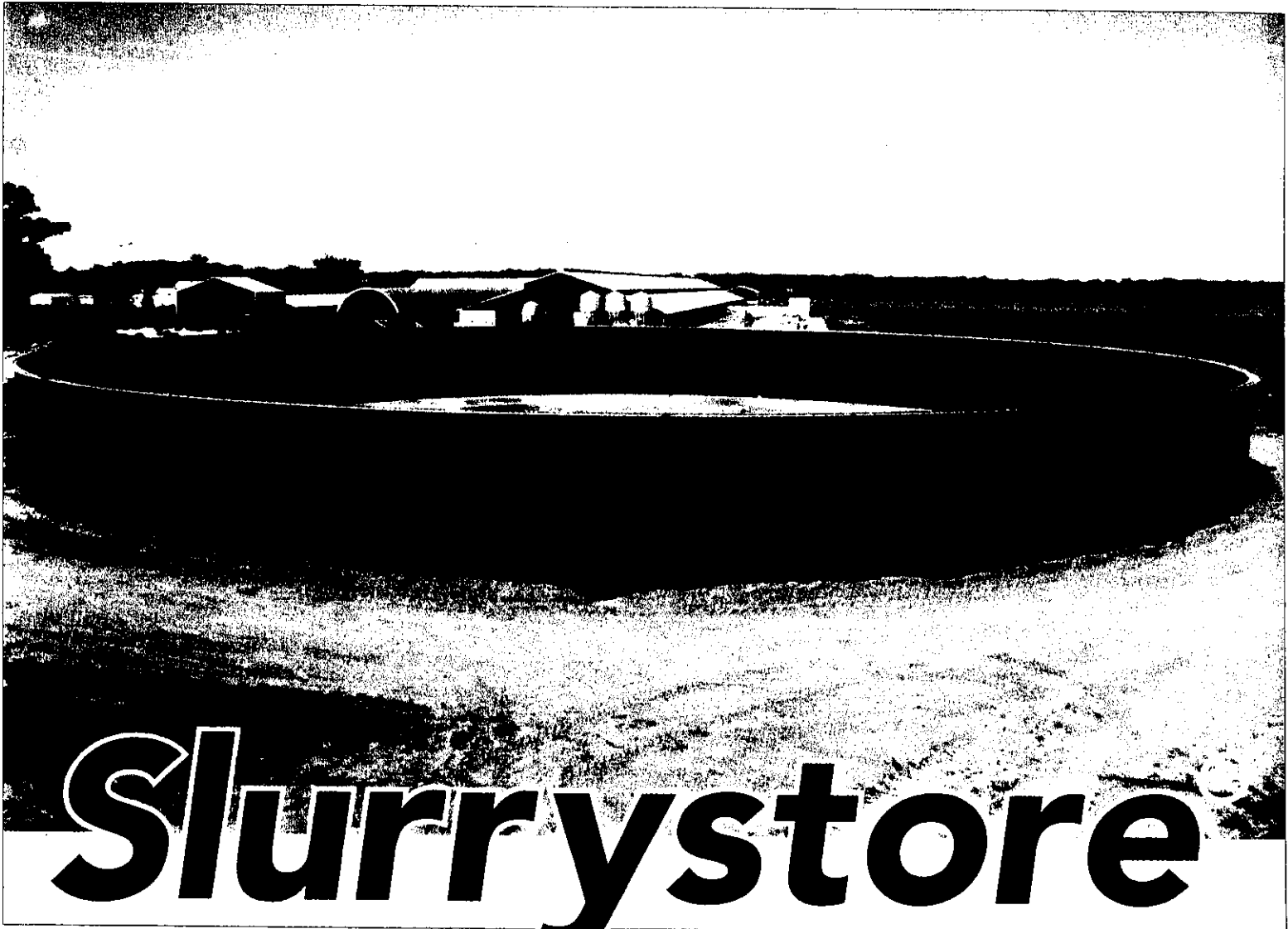
S (1)
S (2)

Hildebrandt



SLURRYSTORE
SYSTEMS 

the engineered storage solution for livestock farmers



Slurrystore



Advanced tank technology matched to the exacting storage needs of livestock farmers around the world. Durable, proven processes enhance reliability to create an environmentally safe storage tank. Designed to work with the newest odor management techniques, manure processing equipment and nutrient maintenance systems.

- **Engineered positive containment** • **Adaptable** to evolving technology
- **Environmentally safe**
- **ISO 9001** approved facility
- **Glass-fused-to-steel** coating technology
- **Adaptable** to all forms of agitation systems and filling systems
- **Above ground storage** preferred in all markets

"The best place to store livestock manure until you're ready to do something with it."

A Size To Fit Your Specific Needs

(D)



SLURRYSTORE STRUCTURE SIZE VS STORAGE CAPACITY*

NUMBER OF SHEETS	NOMINAL DIA. (FT.)	EXACT DIA. (FT.)	STRUCTURE HEIGHTS						
			2 RING	3 RING	4 RING	5 RING	6 RING	7 RING	
			9.64 FT.	14.22 FT.	18.8 FT.	23.39 FT.	27.97 FT.	32.55 FT.	
7	20	19.58	21,717	32,034	42,352	52,692	63,009	73,327	
8	22	22.38	28,364	41,840	55,316	68,822	82,298	95,774	
9	25	25.18	35,899	52,954	70,010	87,103	104,158	121,214	
10	28	27.97	44,319	65,376	86,432	107,534	128,591	149,647	
11	31	30.77	53,626	79,105	104,583	130,116	155,595	181,073	
12	34	33.57	63,820	94,141	124,462	154,849	185,170	215,492	
13	36	36.37	74,900	110,485	146,070	181,733	217,318	252,903	
14	39	39.16	86,866	128,136	169,407	210,767	252,038	293,308	
15	42	41.96	99,719	147,095	194,472	241,952	289,329	336,706	
16	45	44.76	113,458	167,362	221,266	275,288	329,192	383,096	
17	48	47.56	128,083	188,936	249,788	310,774	371,627	432,480	
18	50	50.35	143,595	211,817	280,040	348,411	416,634	484,856	
19	53	53.15	159,993	236,006	312,020	388,199	464,212	540,225	
20	56	55.95	177,278	261,503	345,728	430,137	514,362	598,588	
21	59	58.75	195,449	288,307	381,165	474,226	567,085	659,943	
22	62	61.54	214,506	316,418	418,331	520,466	622,378	724,291	
23	64	64.34	234,450	345,837	457,225	568,856	680,244	791,632	
24	67	67.14	255,280	376,564	497,848	619,397	740,682	861,966	
25	70	69.94	276,996	408,598	540,200	672,089	803,691	935,293	
26	73	72.73	299,599	441,940	584,280	726,932	869,272	1,011,613	
27	76	75.53	323,088	476,589	630,089	783,925	937,425	1,090,926	
28	78	78.33	347,464	512,545	677,627	843,069	1,008,150	1,173,232	
29	81	81.13	372,726	549,810	726,893	904,363	1,081,447	1,258,530	
30	84	83.92	398,875	588,381	777,888	967,809	1,157,315	1,346,822	
31	87	86.72	425,909	628,260	830,612	1,033,404	1,235,756	1,438,107	
32	90	89.52	453,831	669,447	885,064	1,101,151	1,316,768	1,532,384	
33	92	92.32	482,638	711,941	941,245	1,171,048	1,400,352	1,629,655	
34	95	95.11	512,332	755,743	999,154	1,243,096	1,486,507	1,729,918	
35	98	97.91	542,913	800,852	1,058,792	1,317,295	1,575,235	1,833,175	
36	101	100.71	574,379	847,269	1,120,159	1,393,644	1,666,534	1,939,424	
37	104	103.51	606,732	894,993	1,183,254	1,472,144	1,760,405	2,048,666	
38	106	106.30	639,972	944,025	1,248,078	1,552,795	1,856,848	2,160,901	
39	109	109.10	674,098	994,364	1,314,631	1,635,596	1,955,863	2,276,129	
40	112	111.90	709,110	1,046,011	1,382,912	1,720,549	2,057,449	2,394,350	
41	115	114.70	745,009	1,098,965	1,452,922	1,807,651	2,161,608	2,515,564	
42	117	117.49	781,794	1,153,227	1,524,661	1,896,905	2,268,338		
43	120	120.29	819,466	1,208,797	1,598,128	1,988,309	2,377,640		
44	123	123.09	858,023	1,265,673	1,673,324	2,081,864	2,489,514		
45	126	125.89	897,468	1,323,858	1,750,248	2,177,569	2,603,959		
46	129	128.68	937,798	1,383,350	1,828,901	2,275,425	2,720,977		
47	131	131.48	979,015	1,444,149	1,909,283	2,375,432	2,840,566		
48	134	134.28	1,021,119	1,506,256	1,991,393	2,477,590	2,962,727		
49	137	137.08	1,064,109	1,569,670	2,075,232	2,581,898			
50	140	139.87	1,107,985	1,634,392	2,160,800	2,688,357			
51	143	142.67	1,152,747	1,700,422	2,248,096	2,796,967			
52	145	145.47	1,198,396	1,767,759	2,337,121	2,907,727			
53	148	148.27	1,244,932	1,836,403	2,427,875	3,020,638			
54	151	151.06	1,292,353	1,906,355	2,520,357	3,135,700			
55	154	153.86	1,340,662	1,977,615	2,614,568	3,252,912			
56	157	156.66	1,389,856	2,050,182	2,710,508	3,372,275			
57	159	159.46	1,439,937	2,124,056	2,808,176	3,493,789			
58	162	162.25	1,490,904	2,199,238	2,907,573	3,617,453			
59	165	165.05	1,542,758	2,275,728	3,008,698				
60	168	167.85	1,595,498	2,353,525	3,111,552				
61	171	170.65	1,649,124	2,432,630	3,216,135				
62	173	173.44	1,703,637	2,513,042	3,322,446				
63	176	176.24	1,759,037	2,594,761	3,430,486				
64	179	179.04	1,815,322	2,677,789	3,540,255				
65	182	181.84	1,872,494	2,762,123	3,651,752				
66	185	184.63	1,930,553	2,847,765	3,764,978				
67	187	187.43	1,989,497	2,934,715	3,879,933				
68	190	190.23	2,049,329	3,022,972	3,996,616				
69	193	193.03	2,110,046	3,112,537	4,115,028				
70	196	195.82	2,171,650	3,203,409	4,235,168				
71	199	198.62	2,234,140	3,295,589	4,357,037				
72	201	201.42	2,297,517	3,389,076	4,480,635				
73	204	204.22	2,361,780	3,483,871	4,605,961				

90A

96A

Site Specific

Bold = Models 90A/96A. NRCS approved.
 All other models = Site specific. NRCS approval can be obtained.
 NOTE: Does not include freeboard.

* US Gallons



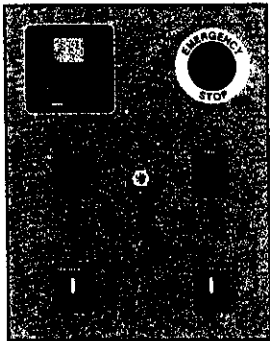
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 Engineered Storage Products Co. • 345 Harvestore Drive • DeKalb, IL 60115
 (815) 756-1551 • FAX (815) 756-1659 • www.slurrystore.com

CABLE SCRAPER SYSTEM FOR FREE STALL BARN

Hildebrandt
Attachment (B)

DRIVE UNIT WITH 3/8" STAINLESS STEEL CABLE

- Drive chain #80.
- Shaft end of reducer supported by an extra roller bearing to eliminate the overhung load of drive chain.

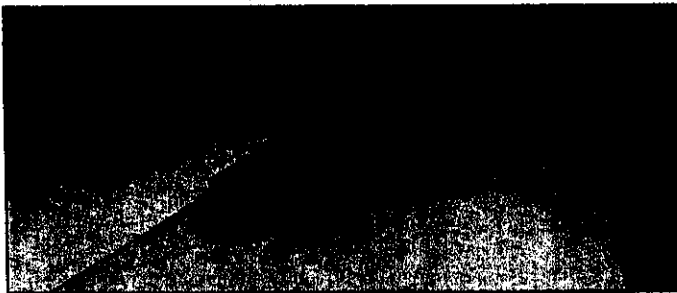


CONTROL PANEL:

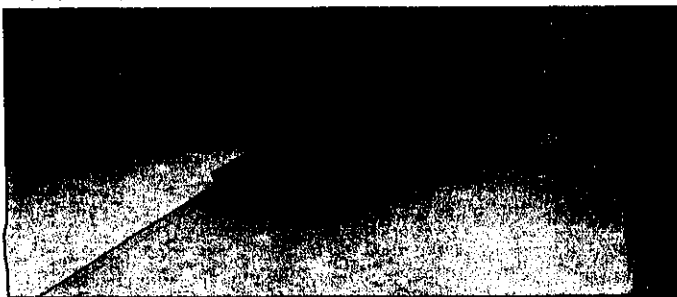
Multi-function with programmable clock, adjustable overload relay and controls to operate the system in continuous or manual mode.

16° TILTING SCRAPER WITH FOLDING ENDS

Forward stroke



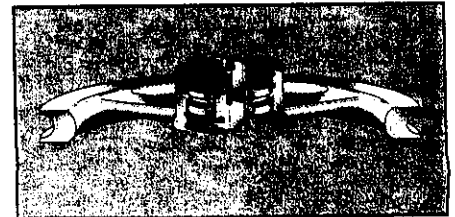
Reverse stroke



- Scraper angled shape brings manure towards center for improved lateral stability.
- Folding ends following uneven alley width for better cleaning.
- At beginning of reverse stroke, the blades instantly tilt 4-1/2" upward above bottom of alley to prevent dragging of manure.

16" DIA. CORNER WHEELS:

Mounted on greasable taper roller bearings protected by two seals.



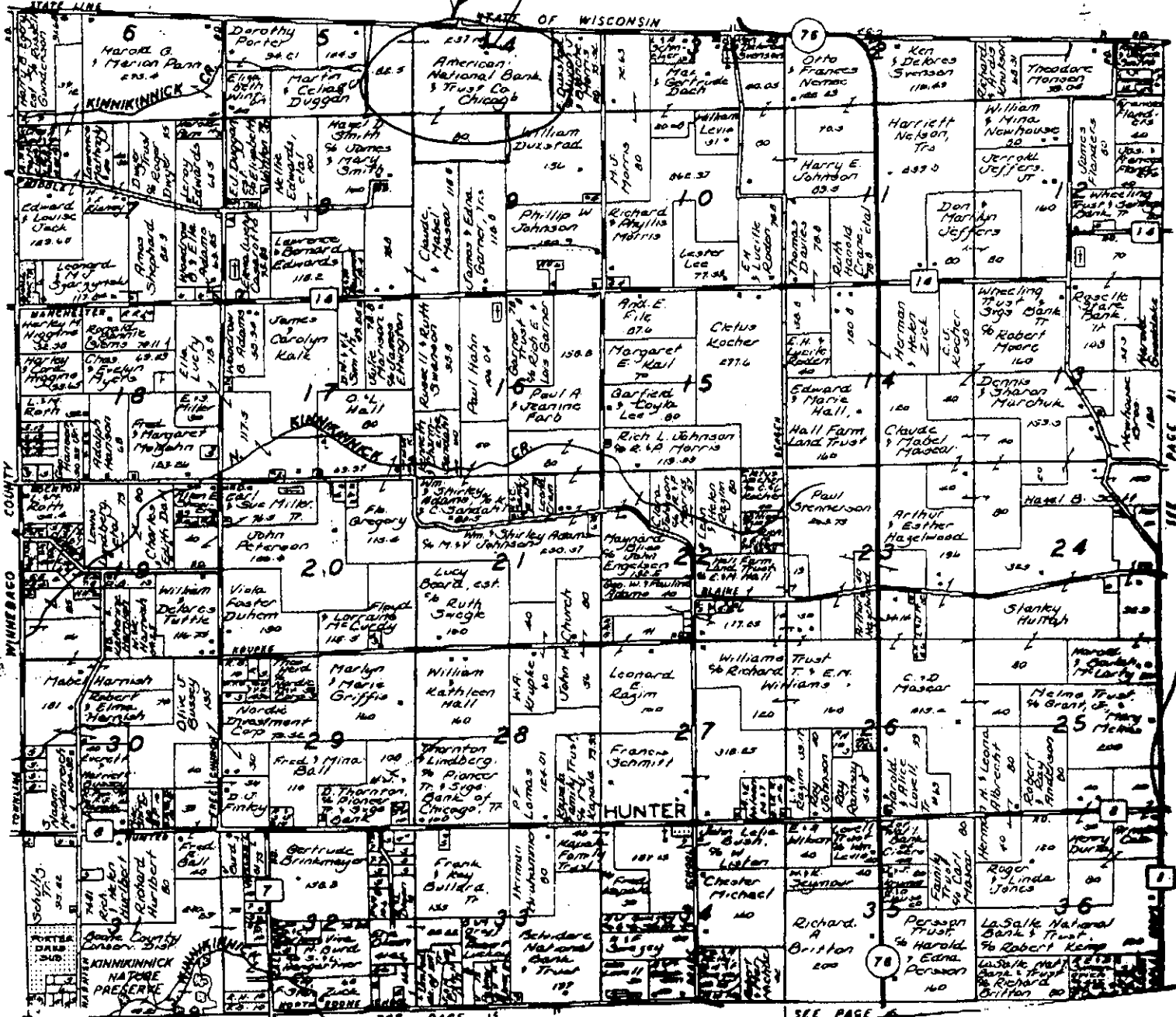
Dealer

HOULE

J. Houle & Fils Inc.
4591, Rte 143. CP 370
Drummondville QC, J2B 6W3
Tel.: (819) 477-7444
Fax: (819) 477-0486

20 MANCHESTER

manure injection acreage
Facility Location T. 46 N.-R. 3 E.



Fred Hildebrandt
2537 Stateline Road
South Barron, W. 61080

ATTN: RANDY

PAGE 1 OF 1

SEE PAGE 1

SEE PAGE 13

Rockford Map Publ. Inc. Rev. 1980