TENTATIVE AGENDA
SCOTT COUNTY BOARD OF SUPERVISORS
May 29 - June 2, 2017

Tuesday, May 30, 2017

Committee of the Whole - 8:00 am
Board Room, 1st Floor, Administrative Center

____ 1. Roll Call: Earnhardt, Knobbe, Kinzer, Holst, Beck

Facilities & Economic Development

____ 2. 2017 Pavement Marking Project. (Item 2)

____ 3. Final Plat of Dexter Acres 7th Addition, a 34-lot residential subdivision located in part of the SE¼NE¼ of Section 31, Butler Township. (Item 3)

____ 4. Discussion of a public hearing on a request for transfer of County tax deed properties to the City of Dixon, Gateway Redevelopment Group and the Neighborhood Housing Services certain tax deed properties in accordance with County policy. (Item 4)

____ 5. Presentation of staff recommendation on the State construction permit application of Kent Paustian DBA Paustian Enterprises Ltd. in the NE¼SE¼ Section 19, T79N, R2E (Hickory Grove Township) for an expansion of an existing animal (hog) confinement feeding operation at 22444 70th Avenue. (Item 5)

____ 6. Award of Construction Contract - Courthouse Pedestrian Walkway and Parking Lot Improvement Project. (Item 6)

Health & Community Services

____ 7. FY18 County Agreement with the Center for Alcohol & Drug Services. (Item 7)

____ 8. Request to increase Medical Examiner Fees for follow-up documentation. (Item 8)

____ 9. Tax suspension requests. (Item 9)

Finance & Intergovernmental

____ 10. GovDelivery Subscription Renewal. (Item 10)

____ 11. City of Davenport tax abatement request. (Item 11)

Other Items of Interest

____ 12. Cigarette/Tobacco Permit for Casey's General Store #3523, Casey's General Store #1068, Mt. Joy BP/Amoco, Perfect Value Liquor Mart and Slaby's Bar & Grill.

____ 13. Ribbon Cutting for Scott County Park Pool
WEDNESDAY MAY 31, 2017 @ 10:00 a.m.
18850 270th St. Eldridge, IA 52748

____ 14. Adjourned.

Moved by _____ Seconded by _____
Ayes
Nays

Thursday, June 1, 2017

Regular Board Meeting - 5:00 pm
Board Room, 1st Floor, Administrative Center

Public Hearing

____ 1. Public hearing relative to the request of the City of Dixon, Gateway Development Corporation and Neighborhood Housing Service for the transfer of various County tax deed properties.

SCOTT COUNTY ENGINEER'S OFFICE
950 E. Blackhawk Trail
Eldridge, Iowa 52748

(563) 326-8640
FAX – (563) 328-4173
E-MAIL - engineer@scottcountyiowa.com
WEB SITE - www.scottcountyiowa.com

JON R. BURGSTRUM, P.E.
County Engineer

ANGELA K. KERSTEN, P. E.
Assistant County Engineer

TARA YOUNGERS
Administrative Assistant

MEMO

TO: Mahesh Sharma
County Administrator

FROM: Jon Burgstrum, P.E.
County Engineer

SUBJ: Pavement Markings

DATE: May 22, 2017

This resolution is to approve the low quote for Scott County's 2017 Pavement Marking project to Vogel Traffic Services, Orange City, IA for the amount of $80,106.00. The FY 2018 budgeted amount is $110,000.00. The cost per mile decreased 4.6% compared to last year.

Quotes received -

Vogel Traffic Services Orange City, IA	$80,106.00
Iowa Plains Signing Slater, IA	$85,263.54

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY THE BOARD OF SUPERVISORS ON _____.

DATE

_____

SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

June 1, 2017

AWARD OF QUOTE FOR PAVEMENT MARKINGS TO THE LOW BIDDER, VOGEL TRAFFIC SERVICES- ORANGE CITY, IOWA, IN THE AMOUNT OF $80,106.00.

BE IT RESOLVED by the Scott County Board of Supervisors as follows:

Section 1. That the bid for Pavement Markings be awarded to the low bidder, Vogel Traffic Services, Orange City, IA in the amount of $80,106.00.

Section 2. That the Chairman be authorized to sign the contract documents on behalf of the Board.

Section 3. That this resolution shall take effect immediately.

PLANNING & DEVELOPMENT
600 West Fourth Street
Davenport, Iowa 52801-1106
E-mail: planning@scottcountyiowa.com
Office: (563) 326-8643 Fax: (563) 326-8257

Timothy Huey
Director

To: Mahesh Sharma, County Administrator

From: Timothy Huey, Planning Director

Date: May 22, 2017

Re: A request by Dexter Acres L.C. for approval of the Final Plat of Dexter Acres 7th Addition, a proposed 34 lot residential subdivision located adjacent to Dexter Acres 4th, 5th, & 6th Addition, Pacha Farms First Addition and 190th Avenue in part of the NE¼ of Section 31 of Butler Township.

The Planning Commission unanimously recommended approval of this Final Plat with conditions in accordance with staff's recommendation. The Preliminary Plat for the entire proposed second phase of Dexter Acres covering 64 acres and containing 105 proposed residential lots was approved May 8, 2003. The first final plat of the second phase of Dexter Acres, Dexter Acres 4th Addition, which contained just over 13 acres and 19 residential lots, was approved July 1, 2003. The second final plat of the second phase of Dexter Acres, Dexter Acres 5th Addition, which contained just over 19 acres and 30 residential lots, was approved July 7, 2004. The third final plat of the second phase of Dexter Acres was approved July 12, 2005 and contained 13 acres and had 24 residential lots. A condition of the Preliminary Plat approval was that the development be completed in phases with no phase containing greater than 20 acres. The County Engineer has reviewed and approved the road construction plans and the estimates of construction costs. The developer has submitted an irrevocable letter of credit to secure the cost of the road and stormwater drainage improvements.

An additional condition of the Preliminary Plat approval was that the Planning Commission hold a public hearing for each Final Plat submittal and notify the neighboring property owners of the hearing time and date for that Final Plat review. At the April 13 hearing there were no comments from any neighboring property owners and only the applicant, Rob Fick spoke and he offered to answer any questions the Commission members had.

Dexter Acres 7th is the last Final Plat of the Dexter Acres second phase begun in 2003. The applicant has met both conditions recommended by the Planning Commission and submitted all the required platting documents necessary for filing the Final Plat following Board approval.

RECOMMENDATION: The Planning Commission recommends that the Final Plat of Dexter Acres 7th Addition be approved with the condition that:

1. That the Park View Water Company and the Sanitary District approve the sewer and water system plans; and
2. That the surety for the road and stormwater drainage improvements be posted prior to approval by the Board of Supervisors.

PLANNING & ZONING COMMISSION

STAFF REPORT

April 18, 2017

Applicant: Dexter Acres LC

Request: Final Plat of Dexter Acres 7th Addition

Legal Description: Part of the NE¼ of Section 31, Butler Township

General Location: Adjacent to Dexter Acres 4th, 5th, & 6th Addition, Pacha Farms First Addition and 190th Avenue

Zoning: Park View Residential (PV-R)

Surrounding Zoning:

North: Park View Residential (PV-R)
South: Park View Residential (PV-R)
East: Agricultural Preservation (A-P)
West: Park View Residential (PV-R)

GENERAL COMMENTS: This request is for approval of the Final Plat of Dexter Acres 7th Addition, a 34-lot subdivision located within the Park View CAD and it is the proposed fourth and final phase of the 64 acres Dexter Acres II Preliminary Plat. The Final Plat of Dexter Acres 6th Addition, the 24-lot third phase was approved July 12, 2005. The Final plat of Dexter Acres 5th Addition, which contained just over 19 acres and 30 residential lots, was approved July 7, 2004. The Final Plat of Dexter Acres 4th Addition, the 19-lot first phase was approved July 1, 2003. The Preliminary Plat of Dexter Acres II, which included 105 lots, was approved May 8, 2003.

STAFF REVIEW: Staff has reviewed this Final Plat for compliance with the Subdivision Regulations and the conditions of Preliminary Plat approval. Those eight (8) conditions were:

1. A drainage easement be retained on Lots 85-87 for the area shown as a detention basin on those lots; and that at the time of grading particular attention be paid to the drainage on Lots 76 and 77 to insure no additional water flows onto the existing properties to the west;
2. The proposed water system plans be reviewed and approved by the Park View Water Company;
3. The proposed sanitary system plans be reviewed and approved by the Park View Sanitary District;
4. That all outlots be accepted by the Park View Owners Association;
5. That the development be completed with a minimum of four (4) phases so that no greater than twenty (20) acres is disturbed or included in any proposed Final Plat at one time;
6. The County Engineer review and approve all street construction plans prior to construction;
7. The subdivision infrastructure improvements be completed or a surety bond posted prior to Final Plat approval; and

8. The Planning and Zoning Commission conduct a public hearing for all Final Plat Reviews.

This proposed addition contains twenty (20) acres which complies with the condition of Preliminary Plat approval that no greater than twenty (20) acres be disturbed at any one time. This final plat also includes two outlots: Outlot B, which is a continuation of the Park View interior trail system; and Outlot A, a two-acre open space and Stormwater management basin.

The County Engineer has reviewed and approved the road construction and erosion control plans for the 7th Addition. Road and utility construction can be initiated but are not expected to be completed prior to Final Plat approval. Therefore surety to secure the improvements included in this 7th Addition will have to be submitted prior to Final Plat approval by the Board of Supervisors.

Staff has noted that the proposed names of Cait Drive and Cait Court for two non-contiguous streets is needlessly confusing. Staff has asked that another name be proposed for one of those two streets.

The County Engineer has determined that the erosion control plan complies with the condition set forth at the time the Preliminary Plat for this development was approved. At the time of Preliminary Plat approval the developer and his engineer were advised that the erosion control measures along the entire west boundary of this plat will have to be carefully monitored to ensure they stay in place, especially after heavy rains. The Natural Resources Conservation Service also has been provided a copy of these plans. Staff has not received any comments from the NRCS.

Since a community water system and central sewer system serve these lots, the Health Department did not have any comments on this Final Plat. The applicant's engineer has provided copies of the utility construction plans to the Park View Water Company and the Sanitary District.

The Planning Commission, at its discretion, requested a public hearing and notice of such hearing be sent out for each Final Plat of the Dexter Acres II Preliminary Plat. Staff has mailed out notice to property owners within 500 feet of the property and published notice in the North Scott Press. Staff has received some calls with questions about this application but none of the callers have expressed any objections or concerns.

RECOMMENDATION: Staff recommends that the Final Plat of Dexter Acres 7th Addition be approved with the condition that the surety for the road and utility improvements be posted prior to approval by the Board of Supervisors and that the Park View Water Company and the Sanitary District approve the sewer and water system plans.

Submitted by:
Timothy Huey, Director
April 13, 2017

FINAL PLAT OF

DEXTER ACRES SEVENTH ADDITION

TO SCOTT COUNTY, IOWA

BEING PART OF THE NORTHEAST QUARTER OF SECTION 31
TOWNSHIP 80 NORTH, RANGE 4 EAST OF THE 5th P.M.

(SCALE : 1" = 50')

CURVE NUMBER	RADIUS	DELTA	ARC	CHORD	CHORD BEARING	TANGENT
1	989.90'	8°-32'-15"	199.32'	198.99'	N.05°-47'-45"E.	100.00'
2	989.90'	8°-32'-15"	199.32'	198.99'	N.05°-47'-45"E.	100.00'
3	125.00'	65°-28'-55"	142.86'	135.21'	N.56°-55'-20"E.	80.37'
4	15.00'	90°-00'-00"	23.56'	21.21'	N.44°-58'-20"W.	15.00'
5	15.00'	90°-00'-00"	23.56'	21.21'	N.45°-01'-40"E.	15.00'
6	15.00'	90°-00'-00"	23.56'	21.21'	N.44°-58'-20"W.	15.00'
7	15.00'	90°-00'-00"	23.56'	21.21'	N.45°-01'-40"E.	15.00'
8	1019.90'	05°-56'-20"	106.63'	106.58'	N.03°-00'-30"E.	53.36'
9	1019.90'	05°-32'-50"	98.73'	98.70'	N.08°-47'-30"E.	49.41'
10	959.90'	02°-28'-05"	41.34'	41.34'	N.10°-19'-50"E.	20.68'
11	959.90'	09°-04'-10"	151.94'	151.78'	N.04°-33'-45"E.	76.13'
12	18.33'	90°-21'-55"	28.90'	26.00'	N.45°-09'-20"W.	18.44'
13	95.00'	63°-59'-35"	106.11'	100.68'	N.57°-40'-00"E.	59.36'
14	15.00'	58°-27'-15"	13.47'	13.02'	N.00°-03'-30"W.	7.23'
15	55.00'	56°-23'-00"	54.12'	51.97'	N.02°-24'-25"E.	29.48'
16	55.00'	62°-58'-00"	60.44'	57.45'	N.62°-04'-55"E.	33.68'
17	55.00'	66°-01'-15"	63.38'	59.93'	N.53°-26'-25"W.	35.73'
18	55.00'	80°-02'-05"	76.83'	70.73'	N.19°-36'-15"E.	46.18'
19	56.00'	14°-34'-10"	13.99'	13.95'	N.66°-54'-20"E.	7.03'
20	15.00'	49°-17'-50"	12.91'	12.51'	N.49°-32'-30"E.	6.86'
21	156.00'	24°-06'-35"	65.22'	64.74'	N.36°-56'-50"E.	33.10'
22	156.00'	30°-27'-10"	82.38'	81.42'	N.64°-13'-45"E.	42.19'
23	156.00'	10°-12'-30"	27.82'	27.78'	N.84°-33'-30"E.	13.94'
24	15.00'	89°-38'-05"	23.47'	21.15'	N.44°-50'-45"E.	14.91'
25	15.00'	90°-00'-00"	23.56'	21.21'	N.44°-58'-20"W.	15.00'
26	18.63'	90°-00'-00"	29.27'	26.35'	N.45°-01'-40"E.	18.63'
27	1019.90'	05°-29'-05"	115.43'	115.37'	N.03°-16'-10"E.	57.78'
28	1019.90'	05°-03'-10"	89.93'	89.90'	N.09°-02'-20"E.	45.00'
29	959.90'	00°-39'-20"	10.98'	10.98'	N.8°-14'-10"E.	5.49'
30	959.90'	07°-08'-25"	119.60'	119.52'	N.07°-21'-50"E.	59.87'
31	959.90'	01°-46'-25"	29.72'	29.72'	N.02°-55'-50"E.	14.86'
32	959.30'	02°-01'-00"	33.79'	33.78'	N.01°-02'-10"E.	16.90'

OWNER - DEVELOPER

DEXTER ACRES, L.C.
3211 EAST 35th STREET COURT
DAVENPORT, IOWA
ATTN: ROB FICK

GENERAL NOTES

IRON MONUMENTS FOUND SHOWN THUS ——●—— (5/8"ø IRON PIN)

IRON MONUMENTS SET SHOWN THUS ——○—— (5/8"ø IRON PIN)

ALL DISTANCES SHOWN ARE IN FEET AND DECIMAL PARTS THEREOF.

SUBDIVISION CONTAINS 20.82 ACRES, MORE OR LESS.

FOR THIS SURVEY THE NORTH LINE OF THE NORTHEAST QUARTER OF SECTION 31-80-4 WAS ASSUMED TO BEAR N.89°-37'-00"E.

ALL IMPROVEMENTS TO BE INSTALLED IN ACCORDANCE WITH THE LATEST STANDARD SPECIFICATIONS FOR SCOTT COUNTY, IOWA.

ALL STREET RIGHT OF WAYS ARE DEDICATED TO SCOTT COUNTY, IOWA, FOR STREET PURPOSES.

BLANKET UNDERGROUND EASEMENTS GRANTED FOR SEWER, WATER, GAS, ELECTRIC, TELEPHONE AND CABLE T.V. SERVICES TO INDIVIDUAL STRUCTURES WITHIN THE LOT WHERE THE STRUCTURE IS LOCATED.

OUTLOTS A AND B ARE TO BE TRANSFERRED TO THE PARK VIEW OWNERS ASSOCIATION, INC. BY SEPARATE DOCUMENT AND ARE DESIGNATED AS A SEWER, DRAINAGE AND UTILITY EASEMENT.

I hereby certify that this land surveying document was prepared and the related survey work was performed by me or under my direct personal supervision and that I am a duly licensed Land Surveyor under the laws of the State of Iowa.

Signature:
David L. Meyer, P.E. & L.S., License Number 7222
Date: MARCH 17, 2017
My license renewal date is December 31, 2018
THIS SHEET ONLY
Pages or sheets covered by this seal:

DAVID L. MEYER — LICENSED 7222 IOWA — PROFESSIONAL ENGINEER & LAND SURVEYOR

MEDIACOM
BY
DATE

CENTRAL SCOTT TELEPHONE
BY
DATE

MIDAMERICAN ENERGY COMPANY
BY
DATE
APPROVED SUBJECT TO ENCUMBRANCES OF RECORD BY MIDAMERICAN ENERGY COMPANY

ALLIANT ENERGY
BY
DATE

LOT AREAS			
NO.	SQUARE FEET	NO.	SQUARE FEET
1	17,950	19	16,605
2	15,000	20	19,785
3	15,000	21	15,410
4	20,395	22	15,480
5	20,395	23	15,550
6	15,000	24	18,000
7	15,000	25	15,000
8	17,950	26	15,000
9	18,960	27	18,795
10	15,920	28	24,730
11	20,370	29	18,585
12	19,835	30	17,170
13	30,955	31	16,810
14	24,185	32	15,000
15	21,650	33	15,000
16	34,000	34	15,750
17	24,240	A	83,180
18	15,875	B	4,460

DEXTER ACRES FOURTH ADDITION
DEXTER ACRES FIFTH ADDITION
DEXTER ACRES SIXTH ADDITION
DEXTER ACRES FIFTH ADDITION
PACHA FARM FIRST ADDITION
NORTH SCOTT DEVELOPMENT LLC
PACHA LIVING TRUST
ELOF D. OLSON FARM LLC
ELOF D. OLSON FARM LLC
AUDITOR'S PLAT FOR RAYMOND G. QUINN

NORTHEAST CORNER NORTHEAST QUARTER SECTION 31-80-4 (FOUND CONCRETE NAIL IN PAVEMENT)

SOUTHEAST CORNER NORTHEAST QUARTER SECTION 31-80-4 (FOUND P.K. NAIL IN ASPHALT PAVING)

P.O.B.

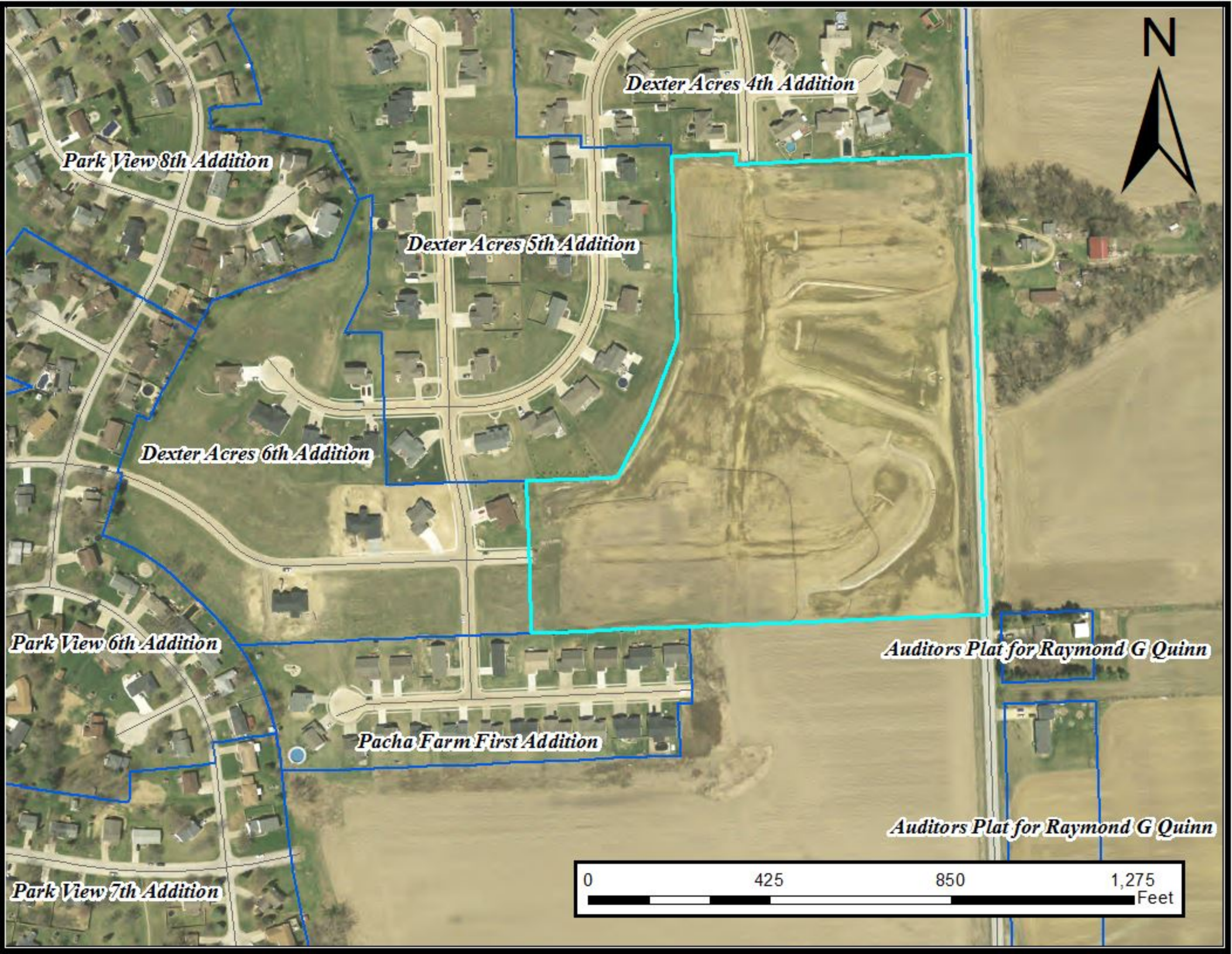
EAST LINE NORTHEAST QUARTER SECTION 31-80-4 AND CENTERLINE 190th AVENUE

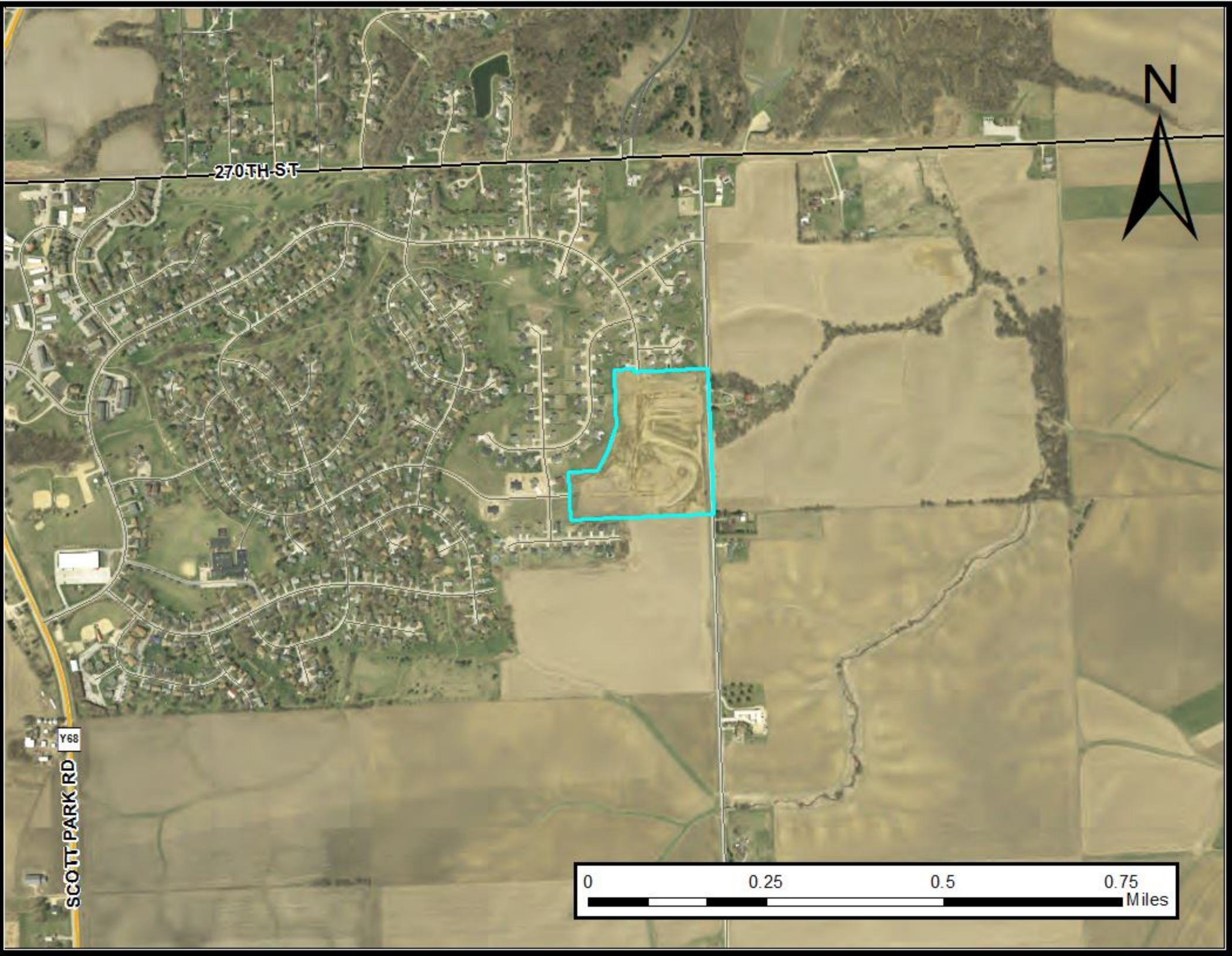
S.89°-58'-20"E. 150.00'
S.00°-01'-40"W. 22.00'
S.89°-58'-20"E. - 549.28'
N.00°-01'-40"E. - 430.80'
N.29°-26'-30"E. 207.30'
S.89°-58'-20"E. 210.56'
S.89°-39'-45"W. - 1060.14'
S.00°-01'-40"W. - 1074.27'

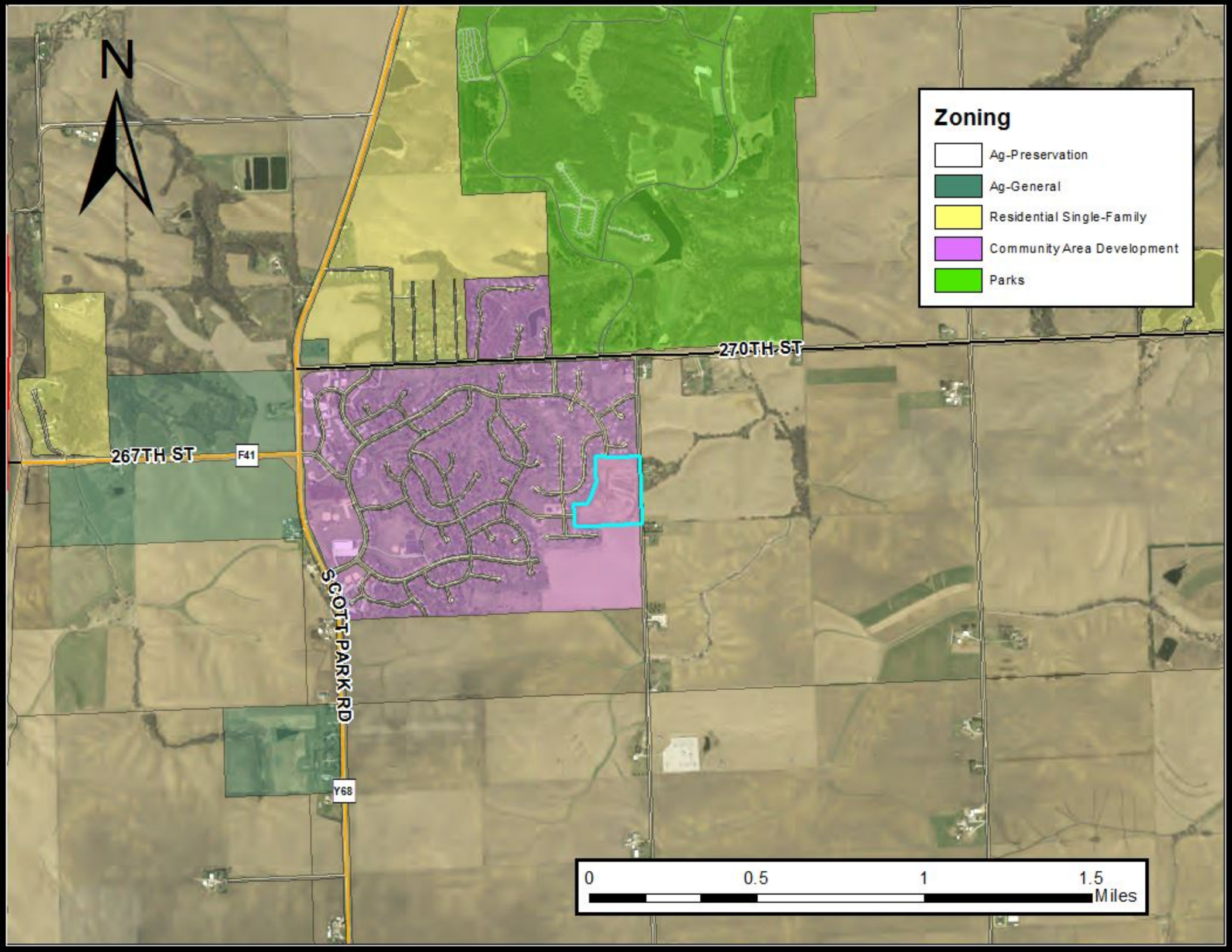
PARK VIEW DRIVE
CAIT DRIVE
HILLSIDE DRIVE
CAIT COURT
OUTLOT A
OUTLOT B
OUTLOT D
PARK VIEW PARK

PREPARED BY
VERBEKE - MEYER CONSULTING ENGINEERS, P.C.
4111 EAST 60th STREET
DAVENPORT, IOWA 52807
PHONE NUMBER: (563) 359 - 1348

VMCE 05284


N
Dexter Acres 4th Addition
Park View 8th Addition
Dexter Acres 5th Addition
Dexter Acres 6th Addition
Park View 6th Addition
Pacha Farm First Addition
Auditors Plat for Raymond G Quinn
Auditors Plat for Raymond G Quinn
Park View 7th Addition
0
425
850
1,275
Feet


N
270TH ST
SCOTT PARK RD
Y68
0
0.25
0.5
0.75
Miles


N
Zoning
Ag-Preservation
Ag-General
Residential Single-Family
Community Area Development
Parks
270TH ST
267TH ST
F41
SCOTT PARK RD
Y68
0
0.5
1
1.5
Miles

CERTIFICATE OF APPROVAL BY SCOTT COUNTY

I, Carol Earnhardt, Chair of the Scott County Board of Supervisors, do hereby certify that said Board adopted a Resolution on June 1, 2017 in which it approved the Final Plat of **DEXTER ACRES 7TH ADDITION** as follows:

BE IT RESOLVED by the Scott County Board of Supervisors as follows:

Section 1. As the local governing body responsible for the approval of subdivision plats within its rural jurisdiction, the Scott County Board of Supervisors has on this 1st day of June, 2017 considered the Final Plat of **DEXTER ACRES 7TH ADDITION,** a thirty four (34) lot subdivision in the part of the NE 1/4 of Section 31, 80 North, Range 4 East of the 5th Principal Meridian (Butler Township), Scott County, Iowa, and having found the same made in substantial accordance with the provisions of Chapter 354, Code of Iowa, and the Scott County Subdivision Ordinance, does hereby approve the final plat of said subdivision.

Section 2. The Board Chairman is authorized to sign the Certificate of Approval on behalf of the Board of Supervisors and the County Auditor to attest to his signature.

Section 3. This Resolution shall take effect immediately.

Signed this 1st day of June, 2017

SCOTT COUNTY, IOWA

BY:_____
Carol Earnhardt, Chair

ATTESTED BY: _____
Roxanna Moritz, Auditor

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY THE BOARD OF SUPERVISORS ON _____.
DATE

_____
SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

June 1, 2017

APPROVING THE FINAL PLAT OF DEXTER 7TH ADDITION

BE IT RESOLVED by the Scott County Board of Supervisors as follows:

Section 1. As the local governing body responsible for the approval of subdivision plats within its rural jurisdiction, the Scott County Board of Supervisors has on this 1st day of June 2017 considered the final plat of **DEXTER ACRES 7TH ADDITION,** a thirty four (34) lot subdivision in the part of the NE 1/4 of Section 31, 80 North, Range 4 East of the 5th Principal Meridian (Butler Township), Scott County, Iowa, and having found the same made in substantial accordance with the provisions of Chapter 354, Code of Iowa, and the Scott County Subdivision Ordinance, does hereby approve the final plat of said subdivision.

Section 2. The Board Chairman is authorized to sign the Certificate of Approval on behalf of the Board of Supervisors and the County Auditor to attest to his signature.

Section 3. This Resolution shall take effect immediately.

Item 4
5/30/17

PLANNING & DEVELOPMENT
600 West Fourth Street
Davenport, Iowa 52801-1106
E-mail: planning@scottcountyiowa.com
Office: (563) 326-8643 Fax: (563) 326-8257

Timothy Huey
Director

To: Mahesh Sharma, County Administrator

From: Timothy Huey, Planning Director

Date: May 22, 2017

Re: Public hearing on the request of the City of Dixon, Gateway Development Corporation and Neighborhood Housing Service for the transfer of various County tax deed properties.

County policy on the disposal of tax deed properties states that prior to offering such properties at public auction the county may transfer such properties to the city, school district or a community based non-profit agency following a public hearing to take comments on the requests.

The City of Dixon has requested Parcel 02074910102 located at 602 Davenport Street in the City of Dixon. The City of Davenport was sent and has reviewed the list of tax deed properties and responded that they were not interested in any of them.

Gateway Development Group has submitted a request for Parcels G0043-05, located in A.C. Fulton's Subdivision a vacant lot at the northwest corner of Ripley Street and West 7th Street, and G0052-27, located at 716 West 5th Street, both in the City of Davenport. 716 West 5th Street has a deteriorated single family residence on the property that dates from the 19th century. The GDG states it intends to restore this house, as they have done with other homes in the neighborhood.

Neighborhood Housing Service has requested Parcel E0020-45, located at 1412 Belle Avenue in order to restore the house on that property.

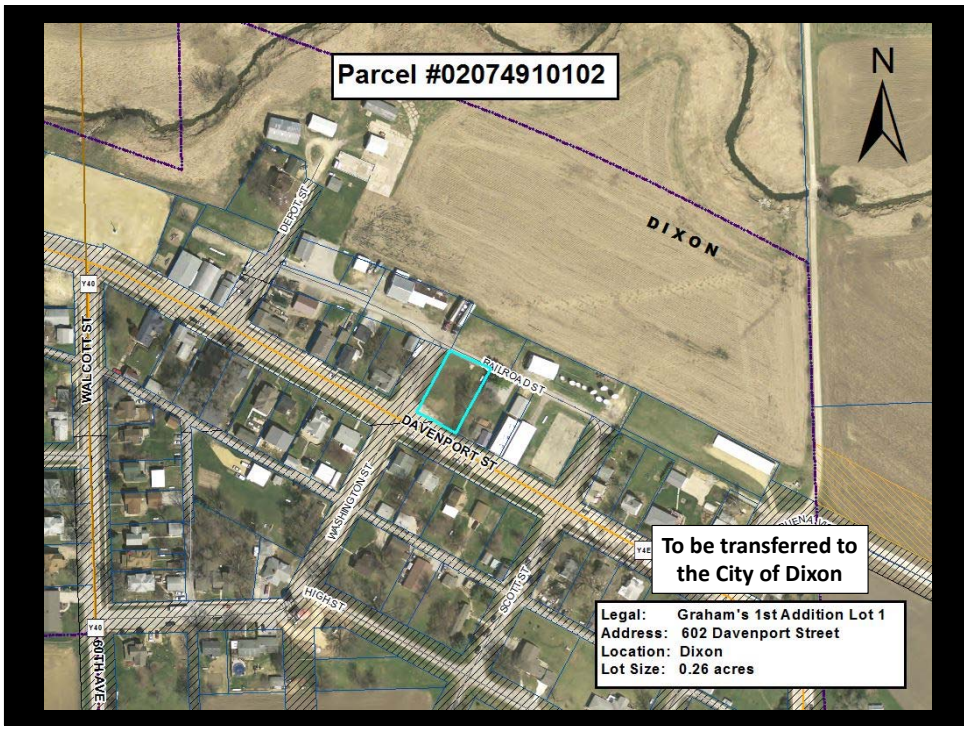
The required time for the prior owners of the property to redeem the property by paying the back taxes due has expired. County policy on the disposal of tax deed properties states that a community based non-profit agency can request transfer of such properties if they can show how those properties will benefit a community program or serve a public good. The property then may be transferred to the non-profit agency if the Board of Supervisors determines such transfers are in the best interest of County residents.

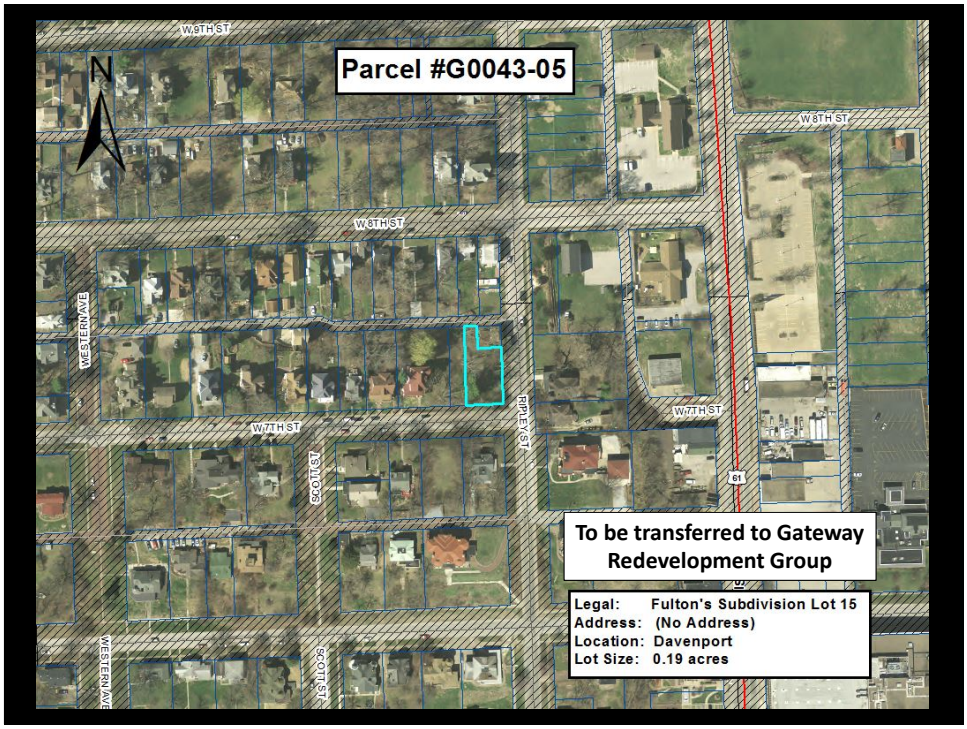
Except for the property the City of Dixon has requested, all of the others are located in the City of Davenport and all back taxes, interest and special assessments have been previously abated on these properties. A copy of the letters and materials received requesting these properties are included. Staff has also attached copies of the aerials and site photos of each property.

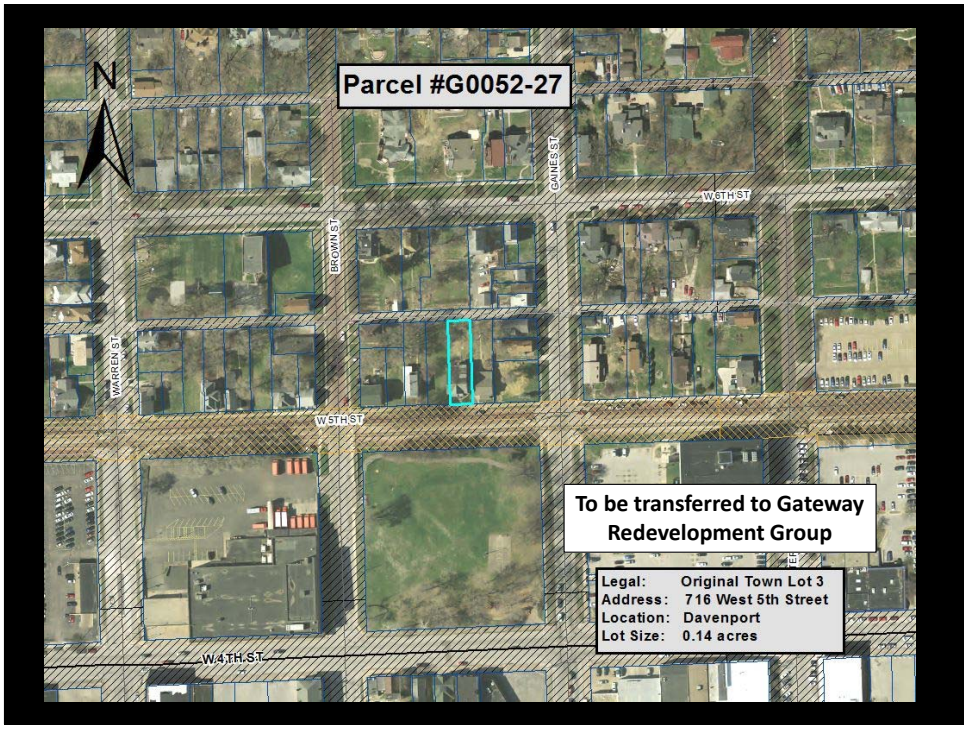
Following the public hearing staff would recommend the Board consider the transfer of these properties if the Board determines such transfer is in accordance with County Policy.

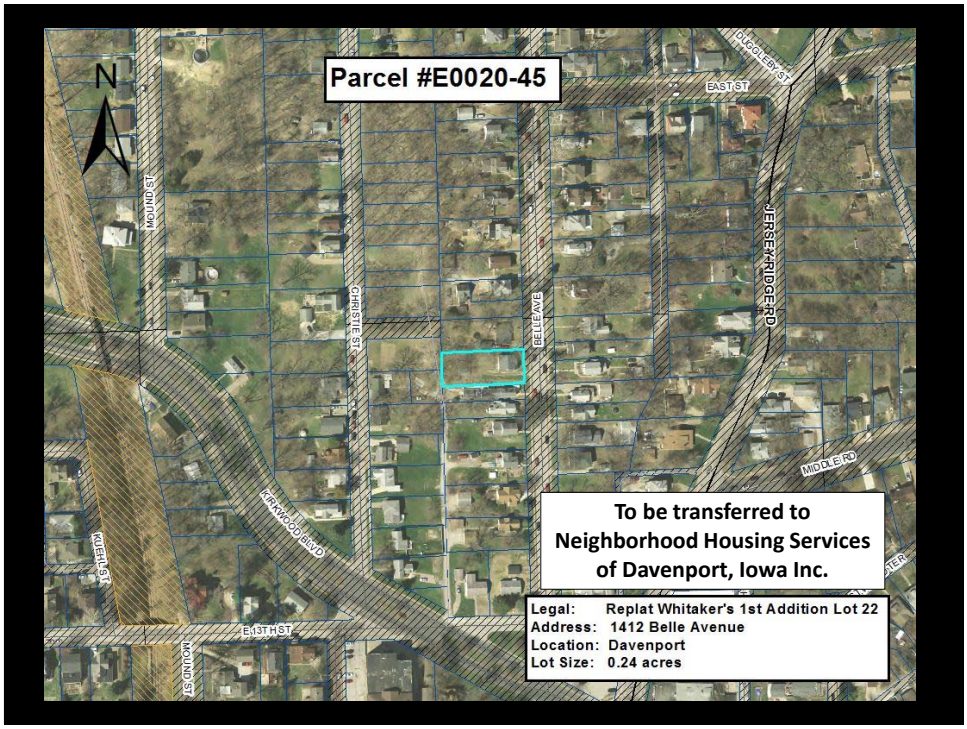
Scott County Tax Deed Properties

- City of Dixon
- Gateway Redevelopment Group
- Neighborhood Housing Service of Davenport, Iowa Inc.




Parcel #G0043-05
N
W 9TH ST
W 8TH ST
W 8TH ST
WESTERN AVE
W 7TH ST
SCOTT ST
RIPLEY ST
W 7TH ST
61
To be transferred to Gateway Redevelopment Group
Legal: Fulton's Subdivision Lot 15
Address: (No Address)
Location: Davenport
Lot Size: 0.19 acres


N
Parcel #G0052-27
GAINES ST
W 6TH ST
BROWN ST
WARREN ST
W 5TH ST
W 4TH ST
To be transferred to Gateway Redevelopment Group
Legal: Original Town Lot 3
Address: 716 West 5th Street
Location: Davenport
Lot Size: 0.14 acres


Parcel #E0020-45
N
EAST ST
DUCCHERR ST
JERSEY RIDGE RD
MOND ST
CHRISTIE ST
BELLE AVE
MIDDLE RD
KIRKWOOD BLVD
QUEEN ST
E 13TH ST
MOUND ST
To be transferred to
Neighborhood Housing Services
of Davenport, Iowa Inc.
Legal: Replat Whitaker's 1st Addition Lot 22
Address: 1412 Belle Avenue
Location: Davenport
Lot Size: 0.24 acres

From: Steve Laughlin
To: Sabat, Alan N.
Subject: Re: Tax Deed Parcel 02074910102
Date: Friday, May 19, 2017 11:23:07 AM

The city of Dixon is interested getting parcel 02074910102. Thanks for all your help. Steve Laughlin. Mayor of Dixon

Sent from my iPhone

On May 19, 2017, at 10:21 AM, Sabat, Alan N. <Alan.Sabat@scottcountyiowa.com> wrote:

> Good Morning Again Steve,
>
> I'm glad we had the chance to discuss tax deed parcel 02074910102 this morning. For our records, could you confirm your interest in having the parcel transferred to the City of Dixon by responding to this email?
>
> Thank You and Have a Great Day,
> Alan Sabat
>
> *Alan N. Sabat*
>
> Alan N. Sabat
> Planning & Development Specialist
> Scott County, Iowa
> 563.326.8643

Gateway Redevelopment Group

Uniting community resources of volunteer service,
professional expertise, and financial assets
to save abandoned buildings in our neighborhood.

May 5, 2017

Mr. Tim Huey
Scott County Planning Director

Dear Mr. Huey:
Gateway Redevelopment Group (GRG) is in receipt of Scott County's list of available properties you sent to us on April 12, 2017. GRG has been working in the Hamburg Historic District to save abandoned homes since 2004. To date, we have intervened on behalf of seven homes. All have been restored or are in the process of rehabilitation.

This is to inform you that Gateway Redevelopment Group is requesting to have the following parcels transferred to its ownership:

1. Parcel: G0052-27

Legal: THE WEST ½ OF LOT 3 IN BLOCK 28 IN THE ORIGINAL TOWN, NOW CITY OF DAVENPORT
Address: 716 WEST 5TH STREET
Jurisdiction: Davenport, IA
Lot Size: 6,000 ft²

The house at 716 W. 5th Street is a contributing structure in the Hamburg Historic District. The house dates from at least 1886. Its best known resident was George Krabbenhoeft, one of the partners in the Davenport Cigar Box Company a business firm that continued in business for forty years. The house began life as a one-and-a-half story building and was later enlarged to a full two stories. Its Gothic Revival elements and double porches are an unusual style in the Hamburg.

Fifth Street marks the southern edge of the District. Along this block are empty lots, evidence of buildings that are gone. To maintain the continuity of the streetscape it is essential that the Krabbenhoeft house be retained.

The house has some issues that need to be addressed soon. However, on the inside, the main body of the house is structurally sound and many original materials are intact.

It is GRG's goal with the property to make repairs to the roof and the address issues with the rear addition, making the structure sound, watertight, and properly mothballed for future redevelopment.

2. Parcel: G0043-05

Legal: THE EAST 30 FEET OF LOT 15; AND ALL OF LOT 16, ALL IN A.C. FULTON'S SUBDIVISION OF BLOCK 22 IN JAMES MACKITOSH'S (OR JAMES MCINTOSH'S) 3RD ADDITION TO THE CITY OF DAVENPORT, IOWA, AS PER PLAT RECORDED IN BOOK "R" OF TOWN LOTS DEEDS, PAGE 417, RECORDS OF SCOTT COUNTY, IOWA, EXCEP THE NORTH 43 FEET OF SAID LOT 16 AND EXCEPT THE EAST 6 ½ FEET OF THE NORTH 43 FEET OF SAID LOT 15; TOGETHER WITH THE EASEMENT FOR SIDEWALK AND PASSAGEWAY PURPOSES OVER AND ACROSS THE WEST 1 ½ FEET OF THE EAST 6 ½ FEET OF THE NORTH 43 FEET OF SAID LOT 15, AS RESERVE IN DEED FROM HERBERT E. SITZ AND WIFE TO JOHN E. JONES AND MARGARET JONES, RECORDED IN BOOK 152 OF TOWN LOT DEEDS, AT PAGE 290, OF THE RECORDS OF THE RECORDER'S OFFICE OF SCOTT COUNTY, IOWA; TOGETHER WITH A LICENSE TO MAINTAIN A GUTTER AND DOWN SPOUT AS SET FOR IN SAID DEED; AND SUBJECT TO AN EASEMENT FOR SIDEWALK AND PASSAGEWAY PURPOSES AS GRANTED BY THE GRANTORS IN SAID DEED RECORDED IN BOOK 152 OF TOWN LOT DEEDS, AT PAGE 290
Address: None
Jurisdiction: Davenport, IA
Lot Size: 8,500 ft²

GRG
732 N. Gaines St.
Davenport, Iowa
52802

563 326-3290

On the Web at
grgdavenport.org

Gateway Redevelopment Group

Uniting community resources of volunteer service,
professional expertise, and financial assets
to save abandoned buildings in our neighborhood.

This parcel was the location of the Amelia and William Hoersch House, with an address of 402 W. 7th Street. The parcel has had various owners over the past decade. These owners did not live in the neighborhood and have not, of late, taken care of the property, with that duty evolving to the city.

Sitting at the corner of 7th and Ripley, this is a high visibility lot. Its lack of care and unkempt appearance is detrimental to the wellbeing of the neighborhood. GRG proposes to take possession of it to keep it mowed and tidy; the mature trees and shrubs would be retained.

While GRG proposes no development plans at this time, it would like to note that this is a buildable lot. Should the appropriate opportunity to add quality housing to the neighborhood, the organization would certainly consider that option.

By taking control of these two parcels, through stabilization and maintenance, GRG would be working in the public interest to enhance the appearance and appeal of the District to future residents.

Sincerely,

Jack Haberman
President-Gateway Redevelopment Group

NEIGHBORHOOD HOUSING SERVICE OF DAVENPORT IOWA INC
710 CHARLOTTE STREET, DAVENPORT, IOWA 52803
(563) 324-1556 FAX: (563)324-3540

May 22, 2017

Tim Huey
Scott County Planning and Zoning
600 W 4th St
Davenport, IA 52801-1030

Mr. Huey –

Neighborhood Housing Services wishes to thank you for our inclusion in the listing of properties that may be available for non-profits through the tax deed process.

We just completed a rehabilitation at 1417 Belle Ave and located a family that wishes the purchase and reside in the property. As you are aware, Neighborhood Housing Services mission includes the "revitalization of neighborhoods" and as such we would like to expand our impact in this neighborhood to an additional investment.

If the property at 1412 Belle Ave. remains available, Neighborhood Housing Services would appreciate consideration of a donation by the county.

Please feel free to contact me at any of the below means should you require additional information or questions regarding our agency or this project.

Sincerely,

Brook Hayes Upton
Finance Director
Neighborhood Housing Services of Davenport, Iowa Inc.
710 Charlotte St
Davenport, IA 52803
(563)324-1556
B_hayes-upton@mvnhs.org

From: Huey, Timothy
To: "Jack Haberman"
Cc: Sabat, Alan N.
Subject: RE: Parcel on 7th and Ripley
Date: Friday, May 19, 2017 9:06:35 AM

Jack and Marion:

We will publish notice of the required public hearing fro the transfer of the two parcels GRG requested for the June 1st BOS meeting. After the public hearing they can act on a resolution approving the transfer.

Tim

From: Jack Haberman [mailto:MarionJack@msn.com]
Sent: Saturday, May 13, 2017 4:03 PM
To: Huey, Timothy; Sabat, Alan N.
Subject: FW: Parcel on 7th and Ripley

Tim or Alan,
Could you confirm the email below removes the conflict over parcel G0043-05.
Thanks,
Jack Haberman

From: Marion Meginnis [mailto:Marion_Meginnis@msn.com]
Sent: Thursday, May 11, 2017 11:53 AM
To: Alan.Sabat@scottcountyiowa.com
Cc: timothy.huey@scottcountyiowa.com; marionjack@msn.com; Kristi Crafton <Kristi.Crafton@habitatqc.org>
Subject: FW: Parcel on 7th and Ripley

Dear Alan:

Per your email earlier this week, GRG and Habitat were able to discuss our mutual interest in parcel G0043-05.

Per Kristi Crafton's email to me this morning, Habitat is withdrawing its request for the parcel. So GRG will be the only not for profit requesting ownership.

We're happy that we were able to get this resolved before the May 15th date.

Marion Meginnis
624 W. 6th St.
Davenport, IA 52803
563-326-3290
.

From: Kristi Crafton [mailto:Kristi.Crafton@habitatqc.org]
Sent: Thursday, May 11, 2017 10:14 AM
To: Marion Meginnis <Marion_Meginnis@msn.com>
Subject: Re: Parcel on 7th and Ripley

No problem Marion, you can tell Alan we are fine with you getting the lot.

Sent from my iPhone

On May 10, 2017, at 3:45 PM, Marion Meginnis <Marion_Meginnis@msn.com> wrote:

> Dear Kristi:
>
> Do you have any time today to talk about the note from Scott County regarding the lot in the Hamburg that both GRG and Habitat have expressed an interest in? Jack forwarded me yesterday's email from the county.
>
> I spoke with Alan yesterday and he indicated that it would be easiest for the county if we were able to talk this through prior to the 15th.
>
> To give you a little background of our interest, the GRG board agreed that it would ask for the lot and our proposal was also shared with the Gold Coast-Hamburg Historic District Neighborhood Association.
>
> Our interest in taking this lot is to act as stewards in ownership of it until such a time as appropriately scaled development might occur. It sits on a prominent corner at Ripley and 7th Streets and, except for a very small house that appears to have been a supporting structure for the 2-1/2 story Hoersch house that was demolished in 1987. It is surrounded by some of our districts larger multi-story homes.
>
> Our neighborhood includes many small, vernacular buildings, like the one GRG is restoring at 517 Ripley. However, our goal for the G0043-05 parcel would be to, someday, attract new construction closer to the style and scope of the majority of the buildings surrounding it. Until then, we would maintain its rather park like setting of grass, bushes and mature trees.
>
> Any new construction proposed in our district requires approval of the Historic Preservation Commission. This review typically includes proposed scaling as well as use of appropriate materials like brick, cement board and fenestration styles appropriate to the historic nature of the lot's surrounding infrastructure. When reviewing these plans, the process is as follows per the HPC ordinance:
>
> 17.23.080 Certificate of appropriateness review process.

9. New additions and related new construction shall not be discouraged when such improvements do not destroy historic material and such design is compatible with the size, massing, scale, color, materials and character of the property, neighborhood and district, if applicable.

D. Design criteria to implement review standards. When the commission is considering an application for a certificate of appropriateness, it shall consider the following architectural design criteria, or elements of design as they relate to the standards for review prescribed in Section 17.23.080C.

1. Height. The height of any proposed addition, construction or reconstruction should be compatible with the designated property and the surrounding structures, if located within a designated historic district; and

2. Proportions. The proportions (width versus height relationship) between doors and windows should be compatible, if not replicated, with the architectural design and character of the designated property; and

3. Scale. A proposed alteration, construction, reconstruction or addition should not negatively impact the scale of the designated property or district; and

4. Materials. Historic or original architectural features, or replacement elements which in all ways replicated the original, should be repaired whenever possible; and

5. Relationship of building masses and spaces. The relationship of a structure within a designated historic district to the rear, side and front yards between it and surrounding structures should be compatible; and

6. Roof shape. The roof design and shape should remain consistent with its original configuration and character; and

7. Site improvements. Landscaping and other site improvements, including off-street parking, should have as minimal of an impact as possible to the designated property's original plan/layout and its visual character.

Since the 15th will soon be upon us, would like to discuss this with you at your earliest convenience.

Thanks!

Marion Meginnis
Secretary, Gateway Redevelopment Group
624 W. 6th St.
Davenport, IA 52803
563-326-3290

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY THE BOARD OF SUPERVISORS ON _____.
DATE

_____
SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

June 1, 2017

APPROVING THE TRANSFER OF TAX DEED PROPERTY TO CITY OF DIXON, GATEWAY REDEVELOPMENT GROUP, AND NEIGHBORHOOD HOUSING SERVICES OF DAVENPORT, IOWA INC. IN ACCORDANCE WITH COUNTY POLICY

BE IT RESOLVED by the Scott County Board of Supervisors as follows:

Section 1. County policy states that a city, school system, or community-based non-profit may request transfer of a tax deed property if such transfer will benefit a community program or public good.

Section 2. A Public Hearing was held on June 1, 2017 for the transfer of Parcel 02074910102 to the City of Dixon; Parcels G0043-05 and G0052-27 to Gateway Redevelopment Group; and Parcel E0020-45 to Neighborhood Housing Services of Davenport, Iowa Inc.

Section 3. The Chairman is authorized to sign the Quit Claim Deeds.

Section 4. This resolution shall take effect immediately.

PLANNING & DEVELOPMENT
600 West Fourth Street
Davenport, Iowa 52801-1106
E-mail: planning@scottcountyiowa.com
Office: (563) 326-8643 Fax: (563) 326-8257

Item 5
5/30/17

Timothy Huey
Director

To: Mahesh Sharma, County Administrator

From: Timothy Huey, Planning Director

Date: May 22, 2017

Re: County Master Matrix review on the Construction Permit Application of Paustian Enterprises Ltd. in the NE¼SE¼ Section 19, T79N, R2E (Hickory Grove Township) for an expansion of existing confined animal (hog) feeding operation located at 22444 70th Avenue.

At the Board meeting on May 18th a public hearing was held on the above referenced application that was submitted to the Iowa DNR. Scott County has 30 days from the date the Iowa DNR notifies the County an application has been submitted. Notice of the receipt of this application has also been published as a public notice.

The State construction permit application submitted by Paustian Enterprises to the Iowa DNR is for a 60 foot by 92 foot addition on a farrowing barn at an existing hog confinement operation in Hickory Grove Township. The proposed project requires compliance with the standards of the Master Matrix because of the proposed building addition, even though it will not result in a net increase of the animal unit capacity of the operation. The existing confined animal feeding operation has a capacity of 1,836 animal unit (AU), include 808 head of gestating swine, 187 head of farrowing swine, 22 boars, 972 head of swine gilts and 2,600 head of swine finishers The 5,520 square foot building addition will be constructed over an 2 foot deep formed concrete manure storage pit.

The applicant has submitted their scoring for the Master Matrix, which shows sufficient points to meet the requirements of the Iowa DNR. Staff has reviewed the Master Matrix scores and determined that they meet the requirements of the Iowa DNR.

Planning and Health Department Staff accompanied the IDNR inspector from the Washington, Iowa district office on his inspection on Friday May 19th.

Staff has not received any written comments and or calls on this request. There also were no comments made at the public hearing.

A resolution for the Board's consideration will be on the Board agenda on June 1st.

Scott County Scoring of Master Matrix for Paustian Enterprises Ltd. 2017 Expansion

The Master Matrix has 44 possible scoring criteria:
The first 25 are listed under **Proposed Site Characteristics,**
The remaining 19 are listed under **Proposed Site Operation and Manure Management Practices**.

Applicants can choose amongst the various criteria in order to score points. Each criterion has a total point value which is then divided and weighted between any of the three subcategories of Air, Water, and Community.

The County can review each criterion upon which the applicant has scored and concur or not concur that the points are accurately taken. The County only reviews the criteria the applicant has used to score points, other criterion for which points are not taken are not evaluated, even though the application may meet that criterion. The selection of scoring criteria is the applicant's option. Evaluating that scoring is the County's option by adopting the Master Matrix.

Proposed Site Characteristics

Scoring Criteria	Total Score	Air	Water	Community
#1 Additional separation distance to closest residence not owned by the owner of the operation (1,000 - 1,250 feet)	85	55.25	0.00	29.75
#2 Additional separation distance to the closest public use area (greater than 1,500 feet)	30	12.00	0.00	18.00
#3 Additional separation distance from closest school, church or business (greater than 1,500 feet)	30	12.00	0.00	18.00
#4 Additional separation distance, above 500 foot minimum, to closest water source (501 - 750 feet)	10	0.00	10.00	0.00
#5 Separation distance of 300 feet or more from the proposed confinement structure to the nearest thoroughfare (300 feet or greater)	30	9.00	0.00	21.00
#6 Additional separation distance, above minimum of 1,875 feet, from confinement to the closest critical public area (500 feet or greater)	10	4.00	0.00	6.00
#8 Additional separation distance over the minimum 1,000 feet from drainage well, known sink hole or major water source (greater than 2,500 feet)	50	5.00	25.00	20.00

Scoring Criteria	Total Score	Air	Water	Community
#10 Separation distance from closest high quality waters or protected water area (2x the minimum separation distance of 500 feet)	30	0.00	22.50	7.50
#12 Liquid manure storage structures are covered	30	27.00	0.00	3.00
#17 Proposed Manure Storage Structure is Formed	30	0.00	27.00	3.00
#19 Truck Turnaround	20	0.00	0.00	20.00
#20 No history of Administrative Orders in last five years	30	0.00	0.00	30.00
#22 Homestead Tax Exemption	25	0.00	0.00	25.00
#23 Family Farm Tax Credit	25	0.00	0.00	25.00
#24 Facility Size (1 - 2,000 Animal Unit Capacity)	20	0.00	20.00	0.00
#25 Construction permit application includes livestock feeding and watering systems that significantly reduce manure volume	25	0.00	12.50	12.50

Proposed Site Operation and Manure Management Practices

Scoring Criteria	Total Score	Air	Water	Community
#26 Injection or incorporation of manure on the same date it is land applied	30	12.00	12.00	6.00
#35 Additional separation distance of 400 feet above minimum requirements for the land application of manure to closest high quality waters or protected water area	10	0.00	7.50	2.50
Total Scoring by Paustian Enterprises Ltd.	**495**	**136.25**	**104.00**	**254.75**
Total Scoring by Scott County	**495**	**136.25**	**104.00**	**254.75**
Minimum Score required to Pass Master Matrix	***440***	***53.38***	***67.75***	***101.13***

Paustian Enterprises, Inc. Master Matrix Scores

Question	Score	Air	Water	Community
1	85	55.25		29.75
2	30	12		18
3	30	12		18
4	10		10	
5	30	9		21
6	10	4		6
7				
8	50	5	25	20
9				
10	30		22.5	7.5
11				
12	30	27		3
13				
14				
15				
16				
17	30		27	3
18				
19	20			20
20	30			30
21				
22	25			25
23	25			25
24	20			20
25				
26	30	12	12	6
27				
28				
29				
30				
31				
32				
33				
34				
35	10		7.5	2.5
36				
37				
38				
39				
40				
41				
42				
43				
44				
TOTALS	**495**	**136.25**	**104**	**254.75**
	440	53.38	67.75	101.13 scores to pass

IOWA MASTER MATRIX SUPPLEMENT

PAUSTIAN ENTERPRISES LTD.
SOW UNIT
SCOTT COUNTY

May 2017

This document will provide documentation, design information along with operation and maintenance (O&M) plans for items in the Master Matrix where points were gained.

Table 1. Summary table of matrix questions receiving points

Question #	Description	Actual
	Site Separation Distances	
1	Neighbor	2180 ft to SE
2	public use area	~10,800ft (St. of IA)
3	school, church, business	~4100 ft (I-80 Truck stop)
4	Closest water source > 500'	~1140 ft to N
5	Proposed structure to thoroughfare >300'	~950ft
6	critical public area	~4100 (I-80 Truck stop)
8	drainage wells, sinkholes, major water sources	~10,500ft (Hickory Creek)
10	high quality/protected waters	~37,600ft (Wapsi)
12	covered manure storage	design / O&M, CDS
17	formed manure storage structure	design / O&M, CDS
19	Truck turnaround	design / O&M
20	No administrative orders	personal statement
22	Homestead Tax Exemption	personal statement
23	Family Farm tax credit	personal statement
24	Facility Size	1836 au
25	Feed and watering for reduced waste	
26	Inject manure	see MMP
	Land Application Separation Distances	
35	HQW or PWA	>5 miles (Wapsi)

12. Covered Manure Storage

This facility has deep pits for manure storage which are formed manure storages structures directly beneath a floor where animals are housed in a confinement feeding operation. The design is based upon the attached building drawings and specs from the builder. The structure will be maintained to ensure its structural integrity for its useful life.

17. Formed Manure Storage Structure

The deep pit manure storage is designed to be below floor storage. The concrete design for the structure will adhere to the specs outlined in the building plans to insure the integrity of the structure.

- The storage structure will be measured for manure volume monthly to monitor the amount of manure being produced.
- The volume of manure will be recorded and records maintained on site.
- A visual inspection of the outer above ground perimeter will be made on a semi-annual basis to check for any structural challenges to the storage structure.
- The perimeter tile outside of the storage structure will be monitored monthly over 3 years to determine the average amount of water present.
- The drainage tile outside of the storage structure will be visually checked on a monthly basis to monitor for potential manure contamination by checking color.
- A sample of the water will be taken during the monthly check if the depth is significantly higher than average (1.5 times the average for the month).
- Foreign materials will not be added to the manure storage structure purposefully.
- Durable lids and caution signs will be used to cover the manure pumpouts located along the sides of the structure.
- Proper fit and placement of lids will be checked monthly.

19. Truck Turnaround

The truck turnaround has a diameter of at least 120 ft to allow for safe truck turnaround. The turnaround is located over 300 ft from the thoroughfare and therefore creates a safer environment for the truck driver and others on the road.

- When there has been significant snowfall, the snow will be removed from the drive and turnaround to allow for safe entrance and exit of trucks.
- The structure of the turnaround will be maintained with aggregate 2" to 5" thick.

20. I have no history of Administrative Orders in the last five years related to environmental and worker protection.

22. We are the closest residents to the site.

23. I can lawfully claim a Family Farm Tax Credit for agricultural land where the proposed confinement operation is to be located pursuant to Iowa Code chapter 425A.

I believe the statements here to be true and agree to adhere to the specifications.

Mike Paustian of Paustian Enterprises Ltd.

Daily Checks

Feeders: _____ Checked and working appropriately
_____ Checked and adjustments made

Waterers: _____ Checked and working appropriately
_____ Checked and adjustments made

Monthly Checks

Date _____
Manure Depth _____
Drain Tile: Is water present? YES or NO
Approximate depth? _____ inches
Pumpout lids: Condition? GOOD FAIR NEEDS ATTENTION

Semi-annual Check

The outer above ground perimeter of manure storage:

_____ Normal as built
_____ Normal aging no problems
_____ Evidence of potential problems**
_____ Manure leakage**

**If either of these situations should occur, an engineer will be contacted to inspect for potential structural integrity issues. If there is evidence of manure leakage, DNR will be contacted.

PAUSTIAN ENTERPRISES LTD.

APPENDIX C MASTER MATRIX

Proposed Site Characteristics

The following scoring criteria apply to the site of the proposed confinement feeding operation. Mark one score under each criterion selected by the applicant. The proposed site must obtain a minimum overall score of 440 and a score of 53.38 in the "air" subcategory, a score of 67.75 in the "water" subcategory and a score of 101.13 in the "community impacts" subcategory.

1. Additional separation distance, above minimum requirements, from proposed confinement structure to the closest:
   * Residence not owned by the owner of the confinement feeding operation,
   * Hospital,
   * Nursing home, or
   * Licensed or registered child care facility.

House to SE 2180ft

	Score	Air	Water	Community
250 feet to 500 feet	25	16.25		8.75
501 feet to 750 feet	45	29.25		17.50
751 feet to 1,000 feet	65	42.25		22.75
1,001 feet to 1,250 feet	85	55.25		29.75
1,251 feet or more	100	65.00		35.00

(A) Refer to the construction permit application package to determine the animal unit capacity (or animal weight capacity if an expansion) of the proposed confinement feeding operation. Then refer to Table 6 of 567--Chapter 65 to determine minimum required separation distances.
(B) The department will award points only for the single building, of the four listed above, closest to the proposed confinement feeding operation.
(C) "Licensed child care center" – a facility licensed by the department of human services providing child care or preschool services for seven or more children, except when the facility is registered as a child care home.
(D) "Registered child development homes" - child care providers certify that they comply with rules adopted by the department of human services. This process is voluntary for providers caring for five or fewer children and mandatory for providers caring for six or more children.
(E) A full listing of licensed and registered child care facilities is available at county offices of the department of human services.

2. Additional separation distance, above minimum requirements, from proposed confinement structure to the closest public use area.

State of IA to NE

	Score	Air	Water	Community
250 feet to 500 feet	5	2.00		3.00
501 feet to 750 feet	10	4.00		6.00
751 feet to 1,000 feet	15	6.00		9.00
1,001 feet to 1,250 feet	20	8.00		12.00
1,251 feet to 1,500	25	10.00		15.00
1,501 feet or more	30	12.00		18.00

(A) Refer to the construction permit application package to determine the animal unit capacity (or animal weight capacity if an expansion) of the proposed confinement feeding operation. Then refer to Table 6 of 567--Chapter 65 to determine minimum required separation distances.
(B) "Public use area" - a portion of land owned by the United States, the state, or a political subdivision with facilities which attract the public to congregate and remain in the area for significant periods of time. Facilities include, but are not limited to, picnic grounds, campgrounds, cemeteries, lodges, shelter houses, playground equipment, lakes as listed in Table 2 of 567--Chapter 65, and swimming beaches. It does not include a highway, road right-of-way, parking areas, recreational trails or other areas where the public passes through, but does not congregate or remain in the area for significant periods of time.

3. Additional separation distance, above minimum requirements, from proposed confinement structure to the closest:
   * Educational institution,
   * Religious institution, or
   * Commercial enterprise.

WALCOTT TRUCKSTOP

	Score	Air	Water	Community
250 feet to 500 feet	5	2.00		3.00

501 feet to 750 feet	10	4.00		6.00
751 feet to 1,000 feet	15	6.00		9.00
1,001 feet to 1,250 feet	20	8.00		12.00
1,251 feet to 1,500	25	10.00		15.00
1,501 feet or more	30	12.00		18.00

(A) Refer to the construction permit application package to determine the animal unit capacity (or animal weight capacity if an expansion) of the proposed confinement feeding operation. Then refer to Table 6 of 567--Chapter 65 to determine minimum required separation distances.
(B) The department will award points only for the single building, of the three listed above, closest to the proposed confinement feeding operation.
(C) "Educational institution" - a building in which an organized course of study or training is offered to students enrolled in kindergarten through grade 12 and served by local school districts, accredited or approved nonpublic schools, area educational agencies, community colleges, institutions of higher education under the control of the state board of regents, and accredited independent colleges and universities.
(D) "Religious institution" - a building in which an active congregation is devoted to worship.
(E) "Commercial enterprise" - a building which is used as a part of a business that manufactures goods, delivers services, or sells goods or services, which is customarily and regularly used by the general public during the entire calendar year and which is connected to electric, water, and sewer systems. A commercial enterprise does not include a farm operation.

4. Additional separation distance, above minimum requirement of 500 feet, from proposed confinement structure to the closest water source. ***Tributary of Hickory Creek***

	Score	Air	Water	Community
250 feet to 500 feet	5		5.00	
501 feet to 750 feet	10		10.00	
751 feet to 1,000 feet	15		15.00	
1,001 feet to 1,250 feet	20		20.00	
1,251 feet to 1,500	25		25.00	
1,501 feet or more	30		30.00	

"Water source" - a lake, river, reservoir, creek, stream, ditch, or other body of water or channel having definite banks and a bed with water flow, except lakes or ponds without an outlet to which only one landowner is riparian.

5. Separation distance of 300 feet or more from the proposed confinement structure to the nearest thoroughfare.

	Score	Air	Water	Community
300 feet or more	30	9.00		21.00

(A) "Thoroughfare" - a road, street, bridge, or highway open to the public and constructed or maintained by the state or a political subdivision.
(B) The 300-foot distance includes the 100-foot minimum setback plus additional 200 feet.

6. Additional separation distance, above minimum requirements, from proposed confinement structure to the closest critical public area. ***WALCOTT TRUCKSTOP***

	Score	Air	Water	Community
500 feet or more	10	4.00		6.00

(A) All critical public areas as defined in 567--65.1(455B), are public use areas, and therefore subject to public use area minimum separation distances.
(B) Refer to the construction permit application package to determine the animal unit capacity (or animal weight capacity if an expansion) of the proposed confinement feeding operation. Then refer to Table 6 of 567--Chapter 65 to determine minimum required separation distances.

X7. Proposed confinement structure is at least two times the minimum required separation distance from all private and public water wells.

	Score	Air	Water	Community
Two times the minimum separation distance	30		24.00	6.00

Refer to Table 6 of 567--Chapter 65 for minimum required separation distances to wells.

8. Additional separation distance, above the minimum requirement of 1,000 feet, from proposed confinement structure to the closest:

* Agricultural drainage well,
* Known sinkhole, or
* Major water source.

	Score	Air	Water	Community
250 feet to 500 feet	5	0.50	2.50	2.00
501 feet to 750 feet	10	1.00	5.00	4.00
751 feet to 1,000 feet	15	1.50	7.50	6.00
1,001 feet to 1,250 feet	20	2.00	10.00	8.00
1,251 feet to 1,500 feet	25	2.50	12.50	10.00
1,501 feet to 1,750 feet	30	3.00	15.00	12.00
1,751 feet to 2,000 feet	35	3.50	17.50	14.00
2,001 feet to 2,250 feet	40	4.00	20.00	16.00
2,251 feet to 2,500 feet	45	4.50	22.50	18.00
2,501 feet or more	50	5.00	25.00	20.00

(A) The department will award points only for the single item, of the three listed above, that is closest to the proposed confinement feeding operation.
(B) "Agricultural drainage wells" - include surface intakes, cisterns and wellheads of agricultural drainage wells.
(C) "Major water source" - a lake, reservoir, river or stream located within the territorial limits of the state, or any marginal river area adjacent to the state which can support a floating vessel capable of carrying one or more persons during a total of a six-month period in one out of ten years, excluding periods of flooding. Major water sources in the state are listed in Tables 1 and 2 in 567--Chapter 65.

X **9.** Distance between the proposed confinement structure and the nearest confinement facility that has a submitted department manure management plan.

	Score	Air	Water	Community
Three-quarter of a mile or more (3,960 feet)	25	7.50	7.50	10.00

Confinement facilities include swine, poultry, and dairy and beef cattle.

10. Separation distance from proposed confinement structure to closest:
* High quality (HQ) waters,
* High quality resource (HQR) waters, or
* Protected water areas (PWA)

is at least two times the minimum required separation distance

	Score	Air	Water	Community
Two times the minimum separation distance	30		22.50	7.50

(A) The department will award points only for the single item, of the three listed above, closest to the proposed confinement feeding operation.
(B) HQ waters are identified in 567--Chapter 61.
(C) HQR waters are identified in 567--Chapter 61.
(D) A listing of PWAs is available at:
http://www.iowadnr.gov/Recreation/CanoeingKayaking/StreamCare/ProtectedWaterAreas.aspx

X **11.** Air quality modeling results demonstrating an annoyance level less than 2 percent of the time for residences within two times the minimum separation distance.

	Score	Air	Water	Community
University of Minnesota OFFSET model results demonstrating an annoyance level less than 2 percent of the time	10	6.00		4.00e

(A) OFFSET can be found at http://www.extension.umn.edu/agriculture/manure-management-and-air-quality/feedlots-and-manure-storage/offset-odor-from-feedlots/. For more information, contact Dr. Larry Jacobson, University of Minnesota, (612) 625-8288, jacob007@tc.umn.edu.
(B) A residence that has a signed waiver for the minimum separation distance cannot be included in the model.
(C) Only the OFFSET model is acceptable until the department recognizes other air quality models.

12. Liquid manure storage structure is covered.

	Score	Air	Water	Community
Covered liquid manure storage	30	27.00		3.00

(A) "Covered" - organic or inorganic material, placed upon an animal feeding operation structure used to store manure, which significantly reduces the exchange of gases between the stored manure and the outside air.

Organic materials include, but are not limited to, a layer of chopped straw, other crop residue, or a naturally occurring crust on the surface of the stored manure. Inorganic materials include, but are not limited to, wood, steel, aluminum, rubber, plastic, or Styrofoam. The materials shall shield at least 90 percent of the surface area of the stored manure from the outside air. Cover shall include an organic or inorganic material which current scientific research shows reduces detectable odor by at least 75 percent. A formed manure storage structure directly beneath a floor where animals are housed in a confinement feeding operation is deemed to be covered.

(B) The design, operation and maintenance plan for the manure cover must be in the construction permit application and made a condition in the approved construction permit.

X **13.** Construction permit application contains design, construction, operation and maintenance plan for emergency containment area at manure storage structure pump-out area.

	Score	Air	Water	Community
Emergency containment area	20		18.00	2.00

(A) The emergency containment area must be able to contain at least 5 percent of the total volume capacity of the manure storage structure.

(B) The emergency containment area must be constructed on soils that are fine-grained and have low permeability.

(C) If manure is spilled into the emergency containment area, the spill must be reported to the department within six hours of onset or discovery.

(D) The design, construction, operation and maintenance plan for the emergency containment area must be in the construction permit application and made a condition in the approved construction permit.

X **14.** Installation of a filter(s) designed to reduce odors from confinement building(s) exhaust fan(s).

	Score	Air	Water	Community
Installation of filter(s)	10	8.00		2.00

The design, operation and maintenance plan for the filter(s) must be in the construction permit application and made a condition in the approved construction permit.

X **15.** Utilization of landscaping around confinement structure.

	Score	Air	Water	Community
Utilization of Landscaping	20	10.00		10.00

The design, operation and maintenance plan for the landscaping must be in the construction permit application and made a condition in the approved construction permit. The design should contain at least three rows of trees and shrubs, of both fast and slow-growing species that are well suited for the site.

X **16.** Enhancement, above minimum requirements, of structures used in stockpiling and composting activities, such as an impermeable pad and a roof or cover.

	Score	Air	Water	Community
Stockpile and compost facility enhancements	30	9.00	18.00	3.00

(A) The design, operation and maintenance plan for the stockpile or compost structure enhancements must be in the construction permit application and made a condition in the approved construction permit.

(B) The stockpile or compost structures must be located on land adjacent or contiguous to the confinement building.

17. Proposed manure storage structure is formed

	Score	Air	Water	Community
Formed manure storage structure	30		27.00	3.00

(A) "Formed manure storage structure" -a covered or uncovered impoundment used to store manure from an animal feeding operation, which has walls and a floor constructed of concrete, concrete block, wood, steel, or similar materials. Similar materials may include, but are not limited to, plastic, rubber, fiberglass, or other synthetic materials. Materials used in a formed manure storage structure shall have the structural integrity to withstand expected internal and external load pressures.

(B) The design, operation and maintenance plan for the formed manure storage structure must be in the construction permit application and made a condition in the approved construction permit.

X **18.** Manure storage structure is aerated to meet departmental standards as an aerobic structure, if aeration is not already required by the department.

	Score	Air	Water	Community
Aerated manure storage structure	10	8.00		2.00

(A) Aerobic structure - an animal feeding operation structure other than an egg wash water storage structure which relies on aerobic bacterial action which is maintained by the utilization of air or oxygen and which includes

aeration equipment to digest organic matter. Aeration equipment shall be used and shall be capable of providing oxygen at a rate sufficient to maintain an average of 2 milligrams per liter dissolved oxygen concentration in the upper 30 percent of the depth of manure in the structure at all times.

(B) The design, operation and maintenance plan for the aeration equipment must be in the construction permit application and made a condition in the approved construction permit.

19. Proposed confinement site has a suitable truck turnaround area so that semitrailers do not have to back into the facility from the road

	Score	Air	Water	Community
Truck turnaround	20			20.00

(A) The design, operation and maintenance plan for the truck turn around area must be in the construction permit application and made a condition in the approved construction permit.

(B) The turnaround area should be at least 120 feet in diameter and be adequately surfaced for traffic in inclement weather.

20. Construction permit applicant's animal feeding operation environmental and worker protection violation history for the last five years at all facilities in which the applicant has an interest.

	Score	Air	Water	Community
No history of Administrative Orders in last five years	30			30.00

(A) "Interest" - means ownership of a confinement feeding operation as a sole proprietor or a 10 percent or more ownership interest held by a person in a confinement feeding operation as a joint tenant, tenant in common, shareholder, partner, member, beneficiary or other equity interest holder. Ownership interest is an interest when it is held either directly, indirectly through a spouse or dependent child, or both.

(B) An environmental violation is a final Administrative Order (AO) from the department of natural resources or final court ruling against the construction permit applicant for environmental violations related to an animal feeding operation. A Notice of Violation (NOV) does not constitute a violation.

X **21.** Construction permit applicant waives the right to claim a Pollution Control Tax Exemption for the life of the proposed confinement feeding operation structure.

	Score	Air	Water	Community
Permanent waiver of Pollution Control Tax Exemption	5			5.00

(A) Waiver of Pollution Control Tax Exemption is limited to the proposed structure(s) in the construction permit application.

(B) The department and county assessor will maintain a record of this waiver, and it must be in the construction permit application and made a condition in the approved construction permit.

22. Construction permit applicant can lawfully claim a Homestead Tax Exemption on the site where the proposed confinement structure is to be constructed

- OR -

the construction permit applicant is the closest resident to the proposed confinement structure.

	Score	Air	Water	Community
Site qualifies for Homestead Tax Exemption or permit applicant is closest resident to proposed structure	25			25.00

(A) Proof of Homestead Tax Exemption is required as part of the construction permit application.

(B) Applicant includes persons who have ownership interests. "Interest" - means ownership of a confinement feeding operation as a sole proprietor or a 10 percent or more ownership interest held by a person in a confinement feeding operation as a joint tenant, tenant in common, shareholder, partner, member, beneficiary or other equity interest holder. Ownership interest is an interest when it is held either directly, indirectly through a spouse or dependent child, or both.

23. Construction permit applicant can lawfully claim a Family Farm Tax Credit for agricultural land where the proposed confinement feeding operation is to be located pursuant to Iowa Code chapter 425A.

	Score	Air	Water	Community
Family Farm Tax Credit qualification	25			25.00

Applicant includes persons who have ownership interests. "Interest" - means ownership of a confinement feeding operation as a sole proprietor or a 10 percent or more ownership interest held by a person in a confinement feeding operation as a joint tenant, tenant in common, shareholder, partner, member, beneficiary or other equity interest holder. Ownership interest is an interest when it is held either directly, indirectly through a spouse or dependent child, or both.

24. Facility size.

	Score	Air	Water	Community
1 to 2,000 animal unit capacity	20			20.00
2,001 to 3,000 animal unit capacity	10			10.00
3,001 animal unit capacity or more	0			0.00

(A) Refer to the construction permit application package to determine the animal unit capacity of the proposed confinement structure at the completion of construction.
(B) If the proposed structure is part of an expansion, animal unit capacity (or animal weight capacity) must include all animals confined in adjacent confinement structures.
(C) Two or more animal feeding operations under common ownership or management are deemed to be a single animal feeding operation if they are adjacent or utilize a common area or system for manure disposal. In addition, for purposes of determining whether two or more confinement feeding operations are adjacent, all of the following must apply:
  (a) At least one confinement feeding operation structure must be constructed on and after May 21, 1998.
  (b) A confinement feeding operation structure which is part of one confinement feeding operation is separated by less than a minimum required distance from a confinement feeding operation structure which is part of the other confinement feeding operation. The minimum required distance shall be as follows:
    (1) 1,250 feet for confinement feeding operations having a combined animal unit capacity of less than 1,000 animal units.
    (2) 2,500 feet for confinement feeding operations having a combined animal unit capacity of 1,000 animal units or more.

X **25.** Construction permit application includes livestock feeding and watering systems that significantly reduce manure volume.

	Score	Air	Water	Community
Wet/dry feeders or other feeding and watering systems that significantly reduce manure volume	25		12.50	12.50

The design, operation and maintenance plan for the feeding system must be in the construction permit application and made a condition in the approved construction permit.

Proposed Site Operation and Manure Management Practices

The following scoring criteria apply to the operation and manure management characteristics of the proposed confinement feeding operation. Mark <u>one</u> score under each criterion that best reflects the characteristics of the submitted manure management plan.

26. Liquid or dry manure (choose only one subsection from subsections "a" - "e" and mark one score in that subsection).

		Score	Air	Water	Community
a.	Bulk dry manure is sold under Iowa Code Chapter 200A and surface-applied	15		15.00	
	Bulk dry manure is sold under Iowa Code Chapter 200A and incorporated on the same date it is land-applied	30	12.00	12.00	6.00
b.	Dry manure is composted and land-applied under the requirements of an approved department manure management plan	10	4.00	4.00	2.00
	Dry manure is composted and sold so that no manure is applied under the requirements of an approved department manure management plan	30	12.00	12.00	6.00
c.	Methane digester is used to generate energy from manure and remaining manure is surface-applied under the requirements of an approved department manure management plan	10	3.00	3.00	4.00
	After methane digestion is complete, manure is injected or incorporated on the same date it is land-applied under the requirements of an approved department manure management plan	30	12.00	12.00	6.00
d.	Dry manure is completely burned to generate energy and no	30	9.00	9.00	12.00

	remaining manure is applied under the requirements of an approved department manure management plan				
	Some dry manure is burned to generate energy, but remaining manure is land-applied and incorporated on the same date it is land applied	30	12.00	12.00	6.00
e.	Injection or incorporation of manure on the same date it is land-applied	30	12.00	12.00	6.00

(A) Choose only ONE line from subsection "a", "b," "c," "d," or "e" above and mark only one score in that subsection.
(B) The injection or incorporation of manure must be in the construction permit application and made a condition in the approved construction permit.
(C) If an emergency arises and injection or incorporation is not feasible, prior to land application of manure the applicant must receive a written approval for an emergency waiver from a department field office to surface-apply manure.
(D) Requirements pertaining to the sale of bulk dry manure under pursuant to Iowa Code chapter 200A must be incorporated into the construction permit application and made a condition of the approved construction permit.
(E) The design, operation and maintenance plan for utilization of manure as an energy source must be in the construction permit application and made a condition in the approved construction permit.
(F) The design, operation and maintenance plan for composting facilities must be in the construction permit application and made a condition in the approved construction permit.

X **27.** Land application of manure is based on a two-year crop rotation phosphorus uptake level.

	Score	Air	Water	Community
Two-year phosphorus crop uptake application rate	10		10.00	

(A) Land application of manure cannot exceed phosphorus crop usage levels for a two-year crop rotation cycle.
(B) The phosphorus uptake application rates must be in the construction permit application and made a condition in the approved construction permit.

X **28.** Land application of manure to farmland that has USDA Natural Resources Conservation Service (NRCS) approved buffer strips contiguous to all water sources traversing or adjacent to the fields listed in the manure management plan.

	Score	Air	Water	Community
Manure application on farmland with buffer strips	10		8.00	2.00

(A) The department may request NRCS maintenance agreements to ensure proper design, installation and maintenance of filter strips. If a filter strip is present but not designed by NRCS, it must meet NRCS standard specifications.
(B) The application field does not need to be owned by the confinement facility owner to receive points.
(C) On current and future manure management plans, the requirement for buffer strips on all land application areas must be in the construction permit application and made a condition in the approved construction permit.

X **29.** Land application of manure does not occur on highly erodible land (HEL), as classified by the USDA NRCS.

	Score	Air	Water	Community
No manure application on HEL farmland	10		10.00	

Manure application on non-HEL farmland must be in the construction permit application and made a condition in the approved construction permit.

X **30.** Additional separation distance, above minimum requirements (0 or 750 feet, see below), for the land application of manure to the closest:

* Residence not owned by the owner of the confinement feeding operation,
* Hospital,
* Nursing home, or
* Licensed or registered child care facility.

	Score	Air	Water	Community
Additional separation distance of 200 feet	5	3.25		1.75
Additional separation distance of 500 feet	10	6.50		3.50

(A) The department will award points only for the single building, of the four listed above, closest to the proposed confinement feeding operation.
(B) Minimum separation distance for land application of manure injected or incorporated on the same date as application: 0 feet.

(C) Minimum separation distance for land application of manure broadcast on soil surface: 750 feet.
(D) The additional separation distances must be in the construction permit application and made a condition in the approved construction permit.
(E) "Licensed child care center" – a facility licensed by the department of human services providing child care or preschool services for seven or more children, except when the facility is registered as a child care home.
(F) "Registered child development homes" - child care providers certify that they comply with rules adopted by the department of human services. This process is voluntary for providers caring for five or fewer children and mandatory for providers caring for six or more children.
(G) A full listing of licensed and registered child care facilities is available at county offices of the Department of Human Services

X **31.** Additional separation distance, above minimum requirements (0 or 750 feet, see below), for land application of manure to closest public use area.

	Score	Air	Water	Community
Additional separation distance of 200 feet	5	2.00		3.00

(A) "Public use area" - a portion of land owned by the United States, the state, or a political subdivision with facilities which attract the public to congregate and remain in the area for significant periods of time. Facilities include, but are not limited to, picnic grounds, campgrounds, cemeteries, lodges, shelter houses, playground equipment, lakes as listed in Table 2 in 567--Chapter 65, and swimming beaches. It does not include a highway, road right-of-way, parking areas, recreational trails or other areas where the public passes through, but does not congregate or remain in the area for significant periods of time.
(B) Minimum separation distance for land application of manure injected or incorporated on the same date as application: 0 feet.
(C) Minimum separation distance for land application of manure broadcast on soil surface: 750 feet.
(D) The additional separation distances must be in the construction permit application and made a condition in the approved construction permit.

X **32.** Additional separation distance, above minimum requirements (0 or 750 feet, see below), for the land application of manure to the closest:

* Educational institution,
* Religious institution, or
* Commercial enterprise.

	Score	Air	Water	Community
Additional separation distance of 200 feet	5	2.00		3.00

(A) Minimum separation distance for land application of manure broadcast on soil surface: 750 feet.
(B) Minimum separation distance for land application of manure injected or incorporated on same date as application: 0 feet.
(C) The additional separation distances must be in the construction permit application and made a condition in the approved construction permit.
(D) "Educational institution" - a building in which an organized course of study or training is offered to students enrolled in kindergarten through grade 12 and served by local school districts, accredited or approved nonpublic schools, area educational agencies, community colleges, institutions of higher education under the control of the state board of regents, and accredited independent colleges and universities.
(E) "Religious institution" - a building in which an active congregation is devoted to worship.
(F) "Commercial enterprise" - a building which is used as a part of a business that manufactures goods, delivers services, or sells goods or services, which is customarily and regularly used by the general public during the entire calendar year and which is connected to electric, water, and sewer systems. A commercial enterprise does not include a farm operation.

X **33.** Additional separation distance of 50 feet, above minimum requirements (0 or 200 feet, see below), for the land application of manure to the closest private drinking water well or public drinking water well - OR well is properly closed under supervision of county health officials.

	Score	Air	Water	Community
Additional separation distance of 50 feet or well is properly closed	10		8.00	2.00

(A) Minimum separation distance for land application of manure injected or incorporated on the same date as application or 50-foot vegetation buffer exists around well and manure is not applied to the buffer: 0 feet.
(B) Minimum separation distance for land application of manure broadcast on soil surface: 200 feet.
(C) If applicant chooses to close the well; the well closure must be incorporated into the construction permit application and made a condition in the approved construction permit.

X **34.** Additional separation distance, above minimum requirements, for the land application of manure to the closest:
- * Agricultural drainage well,
- * Known sinkhole,
- * Major water source, or
- * Water source

	Score	Air	Water	Community
Additional separation distance of 200 feet	5	0.50	2.50	2.00
Additional separation distance of 400 feet	10	1.00	5.00	4.00

(A) "Agricultural drainage wells" - include surface intakes, cisterns and wellheads of agricultural drainage wells.
(B) "Major water source" - a lake, reservoir, river or stream located within the territorial limits of the state, or any marginal river area adjacent to the state, which can support a floating vessel capable of carrying one or more persons during a total of a six-month period in one out of ten years, excluding periods of flooding. Major water sources in the state are listed in Tables 1 and 2 in 567--Chapter 65.
(C) "Water source" - a lake, river, reservoir, creek, stream, ditch, or other body of water or channel having definite banks and a bed with water flow, except lakes or ponds without an outlet to which only one landowner is riparian.
(D) The additional separation distances must be in the construction permit application and made a condition in the approved construction permit.

35. Additional separation distance above minimum requirements, for the land application of manure, to the closest:
- * High quality (HQ) water,
- * High quality resource (HQR) water, or
- * Protected water area (PWA).

	Score	Air	Water	Community
Additional separation distance of 200 feet	5		3.75	1.25
Additional separation distance of 400 feet	10		7.50	2.50

(A) HQ waters are identified in 567--Chapter 61.
(B) HQR waters are identified in 567--Chapter 61.
(C) A listing of PWAs is available at: http://www.iowadnr.gov/Recreation/CanoeingKayaking/StreamCare/ProtectedWaterAreas.aspx.

X **36.** Demonstrated community support.

	Score	Air	Water	Community
Written approval of 100% of the property owners within a one mile radius	20			20.00

X **37.** Worker safety and protection plan is submitted with the construction permit application.

	Score	Air	Water	Community
Submission of worker safety and protection plan	10			10.00

(A) The worker safety and protection plan must be in the construction permit application and made a condition in the approved construction permit.
(B) The worker safety and protection plan and subsequent records must be kept on site with the manure management plan records.

X **38.** Applicant signs a waiver of confidentiality allowing public to view confidential manure management plan land application records

	Score	Air	Water	Community
Manure management plan confidentiality waiver	5			5.00

The waiver of confidentiality must be in the construction permit application and made a condition in the approved construction permit. The applicant may limit public inspection to reasonable times and places.

X **39.** Added economic value based on quality job development (number of full time equivalent (FTE) positions), and salary equal to or above Iowa department of workforce development median (45-2093)
-OR-
the proposed structure increases commercial property tax base in the county.

	Score	Air	Water	Community
Economic value to local community	10			10.00

The Iowa Department of Workforce Development regional profiles are available at http://www.iowaworkforce.org/centers/regionalsites.htm. Select the appropriate region and then select "Regional Profile."

X **40.** Construction permit application contains an emergency action plan.

	Score	Air	Water	Community
Emergency action plan	5		2.50	2.50

(A) Iowa State University Extension publication PM 1859 lists the components of an emergency action plan. The emergency action plan submitted should parallel the components listed in the publication.
(B) The posting and implementation of an emergency action plan must be in the construction permit application and made a condition in the approved construction permit.
(C) The emergency action plan and subsequent records must be kept on site with the manure management plan records.

X **41.** Construction permit application contains a closure plan.

	Score	Air	Water	Community
Closure Plan	5		2.50	2.50

(A) The closure plan must be in the construction permit application and made a condition in the approved construction permit.
(B) The closure plan must be kept on site with the manure management plan records.

X **42.** Adoption and implementation of an environmental management system (EMS) recognized by the department.

	Score	Air	Water	Community
EMS	15	4.50	4.50	6.00

(A) The EMS must be in the construction permit application and made a condition in the approved construction permit.
(B) The EMS must be recognized by the department as an acceptable EMS for use with confinement operations.

X **43.** Adoption and implementation of NRCS approved Comprehensive Nutrient Management Plan (CNMP).

	Score	Air	Water	Community
CNMP	10	3.00	3.00	4.00

The implementation and continuation of a CNMP must be in the construction permit application and made a condition in the approved construction permit.

X **44.** Groundwater monitoring wells installed near manure storage structure, and applicant agrees to provide data to the department.

	Score	Air	Water	Community
Groundwater monitoring	15		10.50	4.50

(A) Monitoring well location, sampling and data submission must meet department requirements.
(B) The design, operation and maintenance plan for the groundwater monitoring wells, and data transfer to the department, must be in the construction permit application and made a condition in the approved construction permit.

	Total Score	Air	Water	Community
	880	213.50	271.00	404.50
Score to pass	440	53.38	67.75	101.13

PAUSTIAN ENTERPRISES LTD. MM SCORES	495	136.25	104	254.75

Please staple check here

Iowa Department of Natural Resources

Construction Permit Application Form

Confinement Feeding Operations

INSTRUCTIONS:

Prior to constructing, installing, modifying or expanding a confinement feeding operation structure[1], answer questions 1-8 on Item 3, Section A (page 2), to determine if a construction permit is required. To calculate the animal unit capacity (AUC) of the operation, complete Table 1 (page 4.) If a construction permit is required, complete the rest of the form, have the applicant(s) sign it on pages 5 and 6. Mail to the DNR (see address on page 5) this application form, documents and fees requested in Checklist No. 1 or 2 (pages 10-15). See item 5 (page 5), to determine which checklist to use.

If a construction permit is not needed, some pre-construction requirements may still apply prior to the construction of a formed manure storage structure[2]. See page 5 for additional DNR contact information.

THIS APPLICATION IS FOR:

1. ☐ **A new confinement feeding operation**
2. ☒ **An existing confinement feeding operation** *(answer all of the following questions):*
   a) Facility ID No. (5 digit number): 62367
   b) Date when the operation was first constructed: 1996
   c) Date when the last construction, expansion or modification was completed: 2012

(Not needed if the confinement operation has previously received a construction permit from DNR.)

d) Is this also an ownership change? ☐ Yes ☒ No If yes box is checked additional fees apply. See page 8

ITEM 1 – LOCATION AND CONTACT INFORMATION (*See page 17 for instructions and an example*):

A) Name of operation: SOW UNIT

Location: NE (1/4 1/4) SE (1/4) 19 (Section) 79N & 2E (Tier & Range) HICKORY GROVE (Name of Township) SCOTT (County)

B) Applicant information:

Name: PAUSTIAN ENTERPRISES LTD. Title: OWNER

Address: 6520 - 215TH ST., WALCOTT, IA 52773

Telephone: 563-284-6814 Fax: Email: mike.paustian@gmail.com

C) Person to contact with questions about this application (if different than applicant):

Name: Mike Paustian Title: Owner

Address: 6520 - 215th St., Walcott, IA 52773

Telephone: 563-284-6814 Fax: Email: mike.paustian@gmail.com

☒ Enclose aerial photo or engineering drawing showing the proposed location of the confinement feeding operation structure[1] and all applicable separation distances, as requested in Attachment 1 (pages 11-12 or 14-15). See example of aerial photo on pages 18 to 19, at the end of this form.

☐ I manage or am the majority owner of another confinement feeding operation located within 2,500 feet of the proposed site. Please contact the DNR AFO Program staff at (712) 262-4177 to verify site adjacency requirements.

[1] Confinement feeding operation structure = animal feeding operation structure (confinement building, manure storage structure or egg washwater storage structure) that is part of a confinement feeding operation. Manure storage structures include formed and unformed manure storage structures.

[2] Formed manure storage structure = covered or uncovered concrete or steel tanks, and concrete pits below the building.

ITEM 2 – SITING INFORMATION:

A) Karst Determination: Go to DNR AFO Siting Atlas at http://programs.iowadnr.gov/maps/afo/. Agree to the disclaimer, then search for your site by either scrolling into your location or entering an address or legal description in the bottom search bar. Left click on the location of your proposed structure. Make sure the karst layer box is checked on the map layers. If you cannot access the map, or if you have questions about this issue, contact the AFO Engineer at (712) 262-4177. Check one of the following:

- ■ The site is not in karst or potential karst. Print and enclose the map with the name and location of the site clearly marked.
- ☐ The site is in karst. The upgraded concrete standards of 567 IAC 65.15(14)"c" must be used. Refer to "Applicant's submittal checklist" on page 10 for karst documentation.
- ☐ The site is within 1,000 feet of a known sinkhole, Secondary Containment Barrier is required in accordance with 567 IAC 65.15(17).

B) Alluvial Soils Determination: Go to the AFO Siting Atlas as described above. Make sure the alluvial layer box is checked on the map legend. If you cannot access the map, or if you have questions about this issue, contact DNR Flood Plain at (866) 849-0321. Check one of the following:

- ■ The site is not in alluvial soils. Print and enclose the map with the name and location of the site clearly marked.
- ☐ The site is in alluvial soils. You will need to submit a request for a flood plain determination from DNR Flood Plain (866) 849-0321. After receiving determination submit one of the following:
  - ☐ Not in 100-year floodplain or does not require a flood plain permit. Include correspondence from the DNR Flood Plain Section.
  - ☐ Requires flood plain permit. Include flood plain permit.
  - ☐ Documentation has been submitted to determine site is not in alluvial soils. Refer to "Applicant's Submittal Checklist" on page 10 for alluvial soils documentation.

ITEM 3 – OPERATION INFORMATION:

A) A construction permit is required prior to any of the following:

1. ☐ Constructing or modifying any unformed manure storage structure[3], or constructing or modifying a confinement building that uses an unformed manure storage structure[3].
2. ■ Constructing, installing or modifying a confinement building or a formed manure storage structure[2] at a confinement feeding operation if, after construction, installation or expansion, the AUC of the operation is 1,000 animal units (AU) or more. This also applies to confinement feeding operations that store manure exclusively in a dry form.
3. ☐ Initiating a change that would result in an increase in the volume of manure or a modification in the manner in which manure is stored in any unformed manure storage structure[3], even if no construction or physical alteration is necessary. Increases in the volume of manure due to an increase in animal capacity, animal weight capacity or AUC up to the limits specified in a previously issued construction permit do not require a new construction permit.
4. ☐ Initiating a change, even if no construction or physical alteration is necessary, that would result in an increase in the volume of manure or a modification in the manner in which manure is stored in a formed manure storage structure[2] if, after the change, the AUC of the operation is 1,000 AU or more. Increases in the volume of manure due to an increase in animal capacity, animal weight capacity or AUC up to the limits specified in a previously issued construction permit do not require a new construction permit.
5. ☐ Constructing or modifying any egg washwater storage structure or a confinement building at a confinement feeding operation that includes an egg washwater storage structure.
6. ☐ Initiating a change that would result in an increase in the volume of egg washwater or a modification in the manner in which egg washwater is stored, even if no construction or physical alteration is necessary. Increases in the volume of egg washwater due to an increase in animal capacity, animal weight capacity or AUC up to the limits specified in a previously issued construction permit do not require a new construction permit.
7. ☐ Repopulating a confinement feeding operation if it was closed for 24 months or more and if any of the following apply:
   1. ☐ The confinement feeding operation uses an unformed manure storage structure[3] or egg washwater storage structure;
   2. ☐ The confinement feeding operation includes only confinement buildings and formed manure storage structures[2] and has an AUC of 1,000 AU or more.
8. ☐ Installing a permanent manure transfer piping system, unless the department determines that a construction permit is not required.

[3] Unformed manure storage structure = covered or uncovered anaerobic lagoon, earthen manure storage basin, aerobic earthen structure.

B) **In your own words, describe in detail, the proposed construction, expansion, installation, modification or repair being proposed in this project.(Must be completed) Attach additional pages if necessary:**

The proposed addition to the farrowing barn will be a 60'6" x 92'3" x 2'0" extention of the existing farrowing barn.

C) **Master Matrix** *(must check one)*. If any of boxes 1 to 3 are checked, the operation is required to be evaluated with the master matrix if the county, where the confinement feeding operation structure[1] is or would be located, has adopted a 'Construction Evaluation Resolution' (CER). Select the one that best describes your confinement feeding operation:

1. ☐ A new confinement feeding operation proposed in a county that has adopted a CER.
2. ☐ An existing operation constructed on or after April 1, 2002, in a county that has adopted a CER.
3. ■ An existing operation constructed prior to April 1, 2002, with a current or proposed AUC of 1,667 AU or more, in a county that has adopted a CER.
4. ☐ None of the above. Therefore, the master matrix evaluation is not required.

D) **Qualified Operation** *(must check one)*. If any of boxes 1 to 4 are checked, the operation is also a 'qualified operation'. A qualified operation is required to use a manure storage structure that employs bacterial action which is maintained by the utilization of air or oxygen, and which shall include aeration equipment. However, this requirement does not apply if box 5 is checked. Select the one that best describes your confinement feeding operation:

1. ☐ A swine farrowing and gestating operation with an AUC of 2,500 AU or more. If the replacement breeding swine are raised and used at the operation, the animal units for those replacement animals do not count in the operations total AUC.
2. ☐ A swine farrow-to-finish operation with an AUC of 5,400 AU or more.
3. ☐ A cattle confinement feeding operation (including dairies) with an AUC of 8,500 AU or more.
4. ☐ Other confinement feeding operations with an AUC of 5,333 AU or more.
5. ■ This is not a qualified operation because:
   a. ■ It is below the limits shown on boxes 1 to 4.
   b. ☐ It includes a confinement feeding operation structure[1] constructed prior to May 31, 1995.
   c. ☐ It handles manure exclusively in a dry form (poultry).

ITEM 4 – ANIMAL UNIT CAPACITY (AUC) and, if applicable, ANIMAL WEIGHT CAPACITY (AWC):

A) Calculating AUC – Required for all operations

For each animal species, multiply the maximum number of animals that you would ever confine at one time by the appropriate factor, then add all AU together on Table 1 (page 4). Use the maximum market weight for the appropriate animal species to select the AU factor.

You must complete all applicable columns in Table 1. Use column a) to calculate the existing AUC, before permit for existing operations only. Use column b) to calculate the 'Total proposed AUC' (after a permit is issued) including new operations. The number obtained in column b) is the AUC of the operation and must be used to determine permit requirements. Use column c) to calculate the 'New AU' to be added to an existing operation. To calculate the indemnity fee (see page 7), also use column c), however, if the "Existing AUC" (column a) is 500 AU or less, enter the "Total proposed AUC" (column b) in the "New AU" (column c).

In calculating the AUC of a confinement feeding operation, you must include the AUC of all confinement buildings which are part of the confinement feeding operation, unless a confinement building has been abandoned. A confinement feeding operation structure[1] is abandoned if the confinement feeding operation structure[1] has been razed, removed from the site of a confinement feeding operation, filled in with earth, or converted to uses other than a confinement feeding operation structure[1] so that it cannot be used as a confinement feeding operation structure[1] without significant reconstruction. Therefore, in Table 1, enter the animal unit capacity of all the confinement buildings, including those that are from an "adjacent" operation located within 2,500 feet. For more information, contact the AFO Program at (712) 262-4177.

Table 1. Animal Unit Capacity (AUC): **(No. HEAD) x (FACTOR) = AUC**

Animal Species	a) Existing AUC (Before permit)			b) Total Proposed AUC (After permit)		
	(No. Head)	x (Factor)	= AUC	(No. Head)	x (Factor)	= AUC
Slaughter or feeder cattle		1.0			1.0	
Immature dairy cattle		1.0			1.0	
Mature dairy cattle		1.4			1.4	
Gestating sows	808	0.4	323	808	0.4	323
Farrowing sows & litter	187	0.4	75	187	0.4	75
Boars	22	0.4	9	22	0.4	9
Gilts	972	0.4	389	972	0.4	389
Finished (Market) hogs	2600	0.4	1040	2600	0.4	1040
Nursery pigs 15 lbs to 55 lbs		0.1			0.1	
Sheep and lambs		0.1			0.1	
Horses		2.0			2.0	
Turkeys 7lbs or more		0.018			0.018	
Turkeys less than 7 lbs		0.0085			0.0085	
Broiler/Layer chickens 3 lbs or more		0.01			0.01	
Broiler/Layer chickens less than 3 lbs		0.0025			0.0025	
Fish		0.001			0.001	
TOTALS:	**a) Existing AUC:**		1836	**b) Total proposed AUC:**		1836

Note: If the "Existing AUC" (column a) is 500 AU or less, enter the "Total proposed AUC" (column b) in the "New AU" (column c)

c) New AU = b) - a): **d)** 0

(This is the AUC of the operation)

B) Calculating AWC - Only for operations first constructed prior to March 1, 2003

The AWC is needed for an operation that was first constructed prior to March 1, 2003, to determine some of the minimum separation distance requirements for construction or expansion.

The AWC is the product of multiplying the maximum number of animals that you would ever confine at any one time by their average weight (lbs) during the production cycle. Then add the AWC if more than one animal species is present (examples on how to determine the AWC are provided in 567 IAC 65.1(455B).)

If the operation was first constructed prior to March 1, 2003, you must complete all applicable columns in Table 2:

Table 2. Animal Weight Capacity (AWC): **(No. head) * (Avg. weight, lbs) = AWC, lbs**

Animal Species	a) Existing AWC (Before Permit)			b) Proposed AWC (After permit)		
	(No. head) x	avg weight	= AWC	(No. head) x	avg weight	= AWC
Slaughter or feeder cattle						
Immature dairy cattle						
Mature dairy cattle						
Gestating sows	808	375	30300	808	375	3033
Farrowing sows & litter	187	375	70125	187	375	70125
Boars	22	350	7700	22	350	7700
Gilts	936	200	187200	936	200	187200
Finished (Market) hogs	2600	150	390000	2600	150	390000
Nursery pigs 15 lbs to 55 lbs						
Sheep and lambs						
Horses						
Turkeys 7lbs or more						
Turkeys less than 7 lbs						
Broiler/Layer chickens 3 lbs or more						
Broiler/Layer chickens less than 3 lbs						
Fish						
TOTALS:	**a) Existing AWC:**		685325	**b) Total proposed AWC:**		685325

c) New AWC = b) - a): 0

(This is the AWC of the operation)

ITEM 5 – SUBMITTAL REQUIREMENTS Checklists No. 1 or 2 (pages 10-15) describe the submittal requirements, which are based on the type of confinement feeding operation structure[1] and AUC proposed. To determine which checklist to use, choose the option that best describes your confinement feeding operation:

A) ☐ **Formed manure storage structures**[2]: The proposed confinement feeding operation structure[1] will be or will use a formed manure storage structure[2]. Check one of the following boxes:

1. ☐ A swine farrowing and gestating operation with an AUC of 1,250 AU or more. Use Submittal Checklist No. 2 (page 13).
2. ☐ A swine farrow-to-finish operation with an AUC of 2,750 AU or more. Use Submittal Checklist No. 2 (page 13).
3. ☐ A cattle confinement feeding operation (including dairies) with an AUC of 4,000 AU or more. Use Submittal Checklist No. 2 (page 13).
4. ☐ Other confinement feeding operations with an AUC of 3,000 AU or more. Use Submittal Checklist No. 2 (page 13).
5. ■ None of the above. Use Submittal Checklist No. 1 (page 10).

If any of boxes 1 to 4 are checked, the operation meets the threshold requirements for an engineer[4] and a Professional Engineer (PE), licensed in Iowa, is required. For these cases, use Submittal Checklist No. 2 (page 13).

If you checked box 5, your operation is below threshold requirements for an engineer[4] and a Professional Engineer (PE) is not required. Use Submittal Checklist No. 1 (page 10).

B) ☐ **Unformed manure storage structure**[3]: The proposed confinement feeding operation structure[1], will be or will use an unformed manure storage structure[3] or an egg washwater storage structure. A Professional Engineer (PE) licensed in Iowa must design and sign the engineering documents for any size of operation. Use Submittal Checklist No. 2 (page 13) and Addendum "A" (page 16).

ITEM 6 – SIGNATURE:

I hereby certify that the information contained in this application is complete and accurate.

Signature of Applicant(s): Carstens Enterprises by Mike Carstens Date: 05/02/17

MAILING INSTRUCTIONS:

To expedite the application process, follow the submittal requirements explained in Checklist No. 1 or 2 (pages 10 to 16), whichever applies. Page 1 of this form should be the first page of the package. Mail all documents and fees to:

Iowa DNR
AFO Program
1900 N Grand Ave
Gateway North, Ste E17
Spencer, IA 51301

(Note: Incomplete applications will be returned to the sender.)

Questions

Questions about construction permit requirements or regarding this form should be directed to an engineer of the animal feeding operations (AFO) Program at (712) 262-4177 To contact the appropriate DNR Field Office, go to http://www.iowadnr.gov/InsideDNR/DNRStaffOffices/EnvironmentalFieldOffices.aspx.

[4] Threshold requirements for an engineer apply to the construction of a formed manure storage structure[2]. Operations that meet or exceed the threshold requirements for an engineer are required to submit engineering documents signed by a professional engineer licensed in the state of Iowa. Please refer to Checklist No. 2 (pages 13-15).

ITEM 7

Interested Parties Form
Confinement Feeding Operation

Interest means ownership of a confinement feeding operation as a sole proprietor or a 10 percent or more ownership interest held by a person in a confinement feeding operation as a joint tenant, tenant in common, shareholder, partner, member, beneficiary or other equity interest holder. Ownership interest is an interest when it is held either directly or indirectly through a spouse or dependent child, or both.

INSTRUCTIONS:

Please list all persons (including corporations, partnerships, etc.) who have an interest in any part of the confinement feeding operation covered by this permit application.

Full Name	Address	City/State	Zip
Mike Paustian	22225 70th Ave.	Walcott/IA	52773
Amy Paustian	22225 70th Ave.	Walcott/IA	52773
Kent Paustian	6520 215th St.	Walcott/IA	52773
Marcia Paustian	6420 215th St.	Walcott/IA	52773
Ross Paustian	389 W. Parkview Dr.	Walcott/IA	52773
Carol Paustian	389 W. Parkview Dr.	Walcott/IA	52773
Carolyn Paustian	P.O. Box 459	Walcott/IA	52773

For each name above, please list below all other confinement feeding operations in Iowa in which that person has an interest. Check box "**None**", below, if there are no other confinement feeding operations in Iowa in which the above listed person(s) has or have an interest.

Operation Name	Location (1/4 1/4, 1/4, Section, Tier, Range, Township, County)	City
☐ **None** [There are no other confinements in Iowa in which the above listed person(s) has or have an interest].		
Home Farm	SW NE 30 79N 2E Hickory Grove, Scott	Walcott
Stender Farm	NW NE 20 79N 2E Hickory Grove, Scott	Walcott
Ralf Farm	SW SE 13 79N 1E Cleona, Scott	Walcott
Hein Farm	SE NE 34 79N 1E Cleona, Scott	Walcott

I hereby certify that the information provided on this form is complete and accurate.

Signature of Applicant(s): Paustian Enterprises by Mike Paustian Date: 05/02/17

ITEM 8

Manure Storage Indemnity Fee Form for Construction Permits

CASHIER'S USE ONLY
0474-542-474A-0431
Facility ID #
County

Credit fees to: Paustian Enterprises Ltd.

Name of operation: Sow Unit/Ross

INSTRUCTIONS:

1) Use the 'Total Proposed AUC' from column b), Table 1 (page 4), to select the appropriate fee line in the table below. The 'Total Proposed AUC' is the AUC of the operation.
2) Select the animal specie and row number (see examples). Enter the 'New AU' from column c), Table 1 (page 4). The 'New AU' is the number of AU to be added to an existing operation or being proposed with a new operation. **Note**: If the "Existing AUC" (column a) is 500 AU or less, enter the "Total proposed AUC" (column b) in "New AU" (column c).
3) Multiply the 'New AU' by the appropriate 'Fee per AU'. The resulting number is the indemnity fee due.

- **Example 1**: An existing swine operation is expanding from an 'Existing AUC' of 1,000 AU to a 'Total Proposed AUC' of 1,800 AU, and has previously paid an indemnity fee for the existing 1,000 AU. Calculate the indemnity fee as follows: The 'Total Proposed AUC' is between 1,000 AU and 3,000 AU; the animal specie is other than poultry; enter 800 AU in the 'New AU' column, row 4, and multiply it by $ 0.15:
  (800 AU) x ($ 0.15 per AU) = $ 120.00
- **Example 2**: An existing poultry operation is expanding from an 'Existing AUC' of 250 AU to a 'Total Proposed AUC' of 2,000 AU and has not paid the indemnity fee for animals housed in the existing buildings. Calculate the indemnity fee as follows: The 'Total Proposed AUC' is between 1,000 AU and 3,000 AU; the animal specie is poultry and the indemnity fee has not previously been paid, enter 2,000 AU in the 'New AU' column on row 3, and multiply it by $0.06:
  (2,000 AU) x ($ 0.06 per AU) = $ 120.00
- **Example 3**: If you are proposing a new swine confinement feeding operation with a 'Total Proposed AUC' of 3,500 AU, enter 3,500 AU in the 'New AU' column, row 6 and multiply it by $ 0.20:
  (3,500 AU) x ($ 0.20 per AU) = $ 700.00
- **Example 4**: If you are applying for a construction permit but you are not increasing the AUC of the operation, and has previously paid the applicable indemnity for the animals housed in the existing buildings, there is no indemnity fee due ($ 0.00). If no indemnity fee is due, do not submit this page.

Indemnity Fee Table:

Total Proposed AUC - (After permit) from column b), Table 1	Row	Animal species	New AU - from column c), Table 1	x	Fee per AU	Indemnity Fee
Less than 1,000 AU	1	Poultry		x	$ 0.04 =	
	2	Other		x	$ 0.10 =	
1,000 AU or more to less than 3,000 AU	3	Poultry		x	$ 0.06 =	
	4	Other	0	x	$ 0.15 =	0
3,000 AU or more	5	Poultry		x	$ 0.08 =	
	6	Other		x	$ 0.20 =	

ITEM 8 (Cont.)

Filing Fees Form for Construction Permits

CASHIER'S USE ONLY
0473-542-473A-0431
0474-542-474A-0431
Facility ID #
County

Credit fees to: Paustian Enterprises Ltd.

Name of operation: Sow Unit/Ross

INSTRUCTIONS:

1. If the operation is applying for a construction permit enclose a payment for the following:
   ☒ Construction application fee $250.00.
   (Note: This fee is non-refundable)
2. A manure management plan must be submitted with a filing fee.
   ☒ Manure management plan filing fee $250.00
   (Note: This fee is non-refundable)
3. If this is a change in ownership then indemnity fees must also be paid on the current (existing) total AUC at the appropriate rate on page 7.
   ☐ Indemnity fee due to ownership change $ _____
4. Total filing fees: Add the fees paid in items 1, 2 and 3 (above): $ 500.00

SUMMARY:

- Manure Storage Indemnity Fee (see previous page) to be deposited in the Manure Storage Indemnity Fee Fund (474)	$	0
- Total filing fees (see item 4 on this page) to be deposited in the Animal Agriculture Compliance Fund (473)	$	500.00
TOTAL DUE:	$	500.00

Make check payable to: Iowa Department of Natural Resources or Iowa DNR; and send it along with the construction application documents (See Submittal Checklist No. 1 or 2, pages 10-15.) Note: Do not send this fee to the county.

ITEM 9

COUNTY VERIFICATION RECEIPT OF DNR CONSTRUCTION PERMIT APPLICATION

This form provides proof that the County Board of Supervisors has been provided with a complete copy of the construction permit application documents (everything except the fees) for the confinement feeding operation or a complete MMP has been provided to the County because manure will be applied in that county:

Applicant: Paustian Enterprises Ltd. Telephone: _____

Name of operation: Sow Unit/Ross

Location:

NE	SE	19	79N & 2E	Hickory Grove	Scott
(1/4 1/4)	(1/4)	(Section)	(Tier & Range)	(Name of Township)	(County)

Documents being submitted to the county:

- [x] Construction permit application form: submit items 1 to 9 (see Submittal Checklist No. 1 or 2)
- [x] Attachment 1 - Aerial photos: Must clearly show the location of the proposed confinement feeding operation structure[1] and that all the separation distances are met, including those claimed for points in the master matrix (if applicable).
- [x] Attachment 2 - Statement of design certification, submit any of the following (see Checklist No. 1 or 2):
  - [x] Construction Design Statement form
  - [ ] Professional Engineer (PE) Design Certification form
  - [ ] Engineering report, construction plans and technical specifications
  - [ ] In addition, if proposing an unformed manure storage structure[3] or an egg washwater storage structure submit documentation required in Addemdum "A" of this construction application form.
- [x] Attachment 3 - Manure management plan.
- [x] Attachment 4 - Master Matrix (if required). You must include supporting documents (see Checklist No. 1 or 2)

THIS SECTION IS RESERVED FOR THE COUNTY

As soon as DNR receives a construction permit application, the DNR will fax your County Auditor a "Courtesy reminder letter" explaining what actions your County Board of Supervisors must complete and the deadlines.

Public Notice is required for **all** construction permit applications, including those applications not required to be evaluated with the master matrix and applications in counties not participating in the Master matrix.

Counties participating in the master matrix: the county's master matrix evaluation and county's recommendation is required for the following cases:

- A new confinement feeding operation that is applying for a construction permit
- An existing confinement feeding operation that was first constructed on or after April 1, 2002 that is applying for a construction permit.
- An existing confinement feeding operation that was first constructed prior to April 1, 2002 that is applying for a construction permit with an animal unit capacity (AUC) is 1,667 animal units (AU) or more.

I have read and acknowledge the county's duty with this construction permit application, as specified in 567 IAC 65.10 and Iowa Code 459.304. On behalf of the Board of Supervisors for:

COUNTY: _____

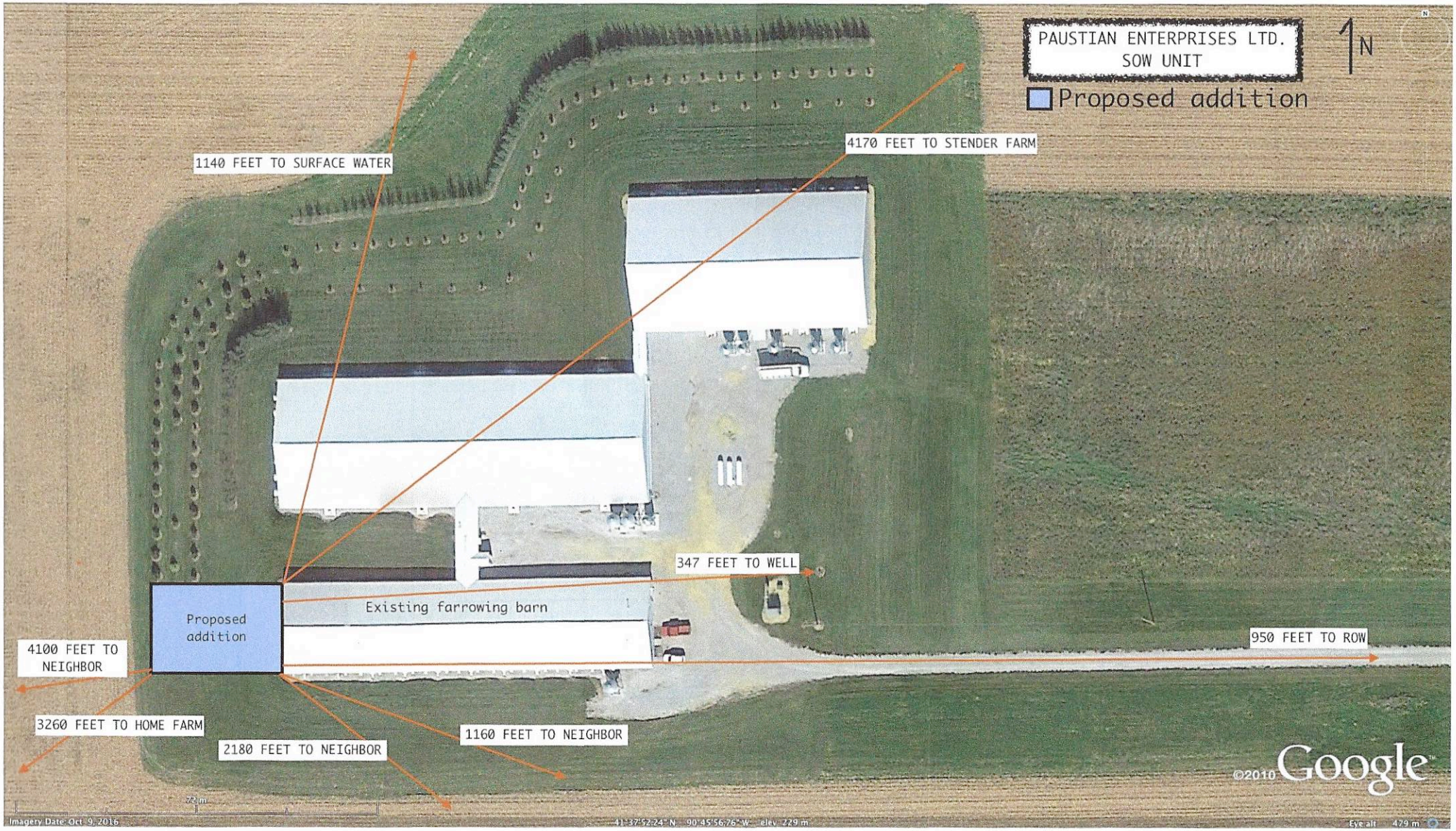
NAME: _____

TITLE: _____

(Member of the County Board of Supervisors or its designated official/employee)

Date: _____ , 20 _____ .

If you do not receive the courtesy reminder letter within a reasonable time, or if you have any questions, please contact the animal feeding operations (AFO) Program at (712) 262-4177 or visit www.IowaDNR.gov


PAUSTIAN ENTERPRISES LTD.
SOW UNIT
Proposed addition
N
1140 FEET TO SURFACE WATER
4170 FEET TO STENDER FARM
347 FEET TO WELL
Proposed addition
Existing farrowing barn
950 FEET TO ROW
4100 FEET TO NEIGHBOR
3260 FEET TO HOME FARM
2180 FEET TO NEIGHBOR
1160 FEET TO NEIGHBOR
©2010 Google
Imagery Date: Oct 9, 2016
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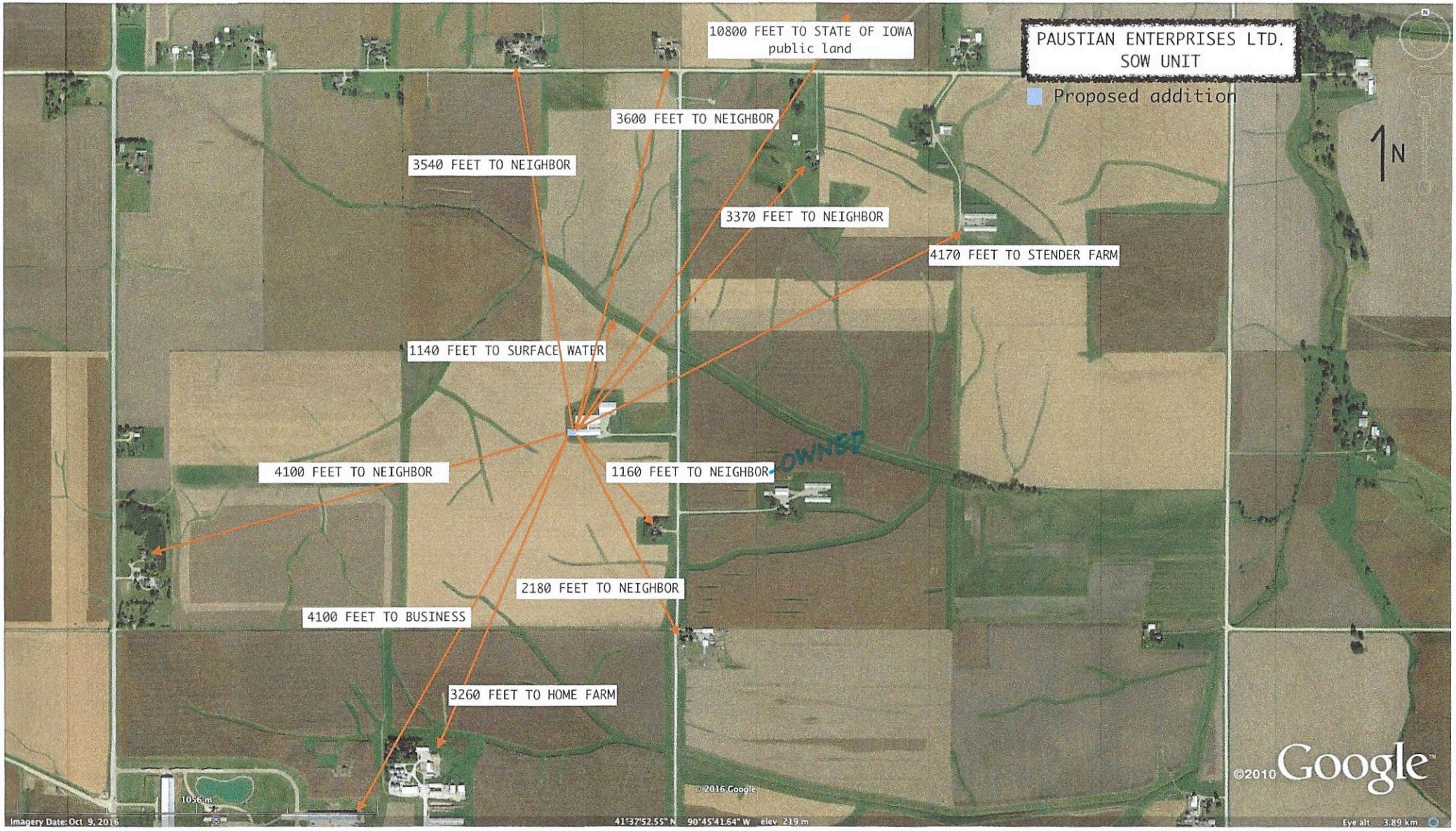
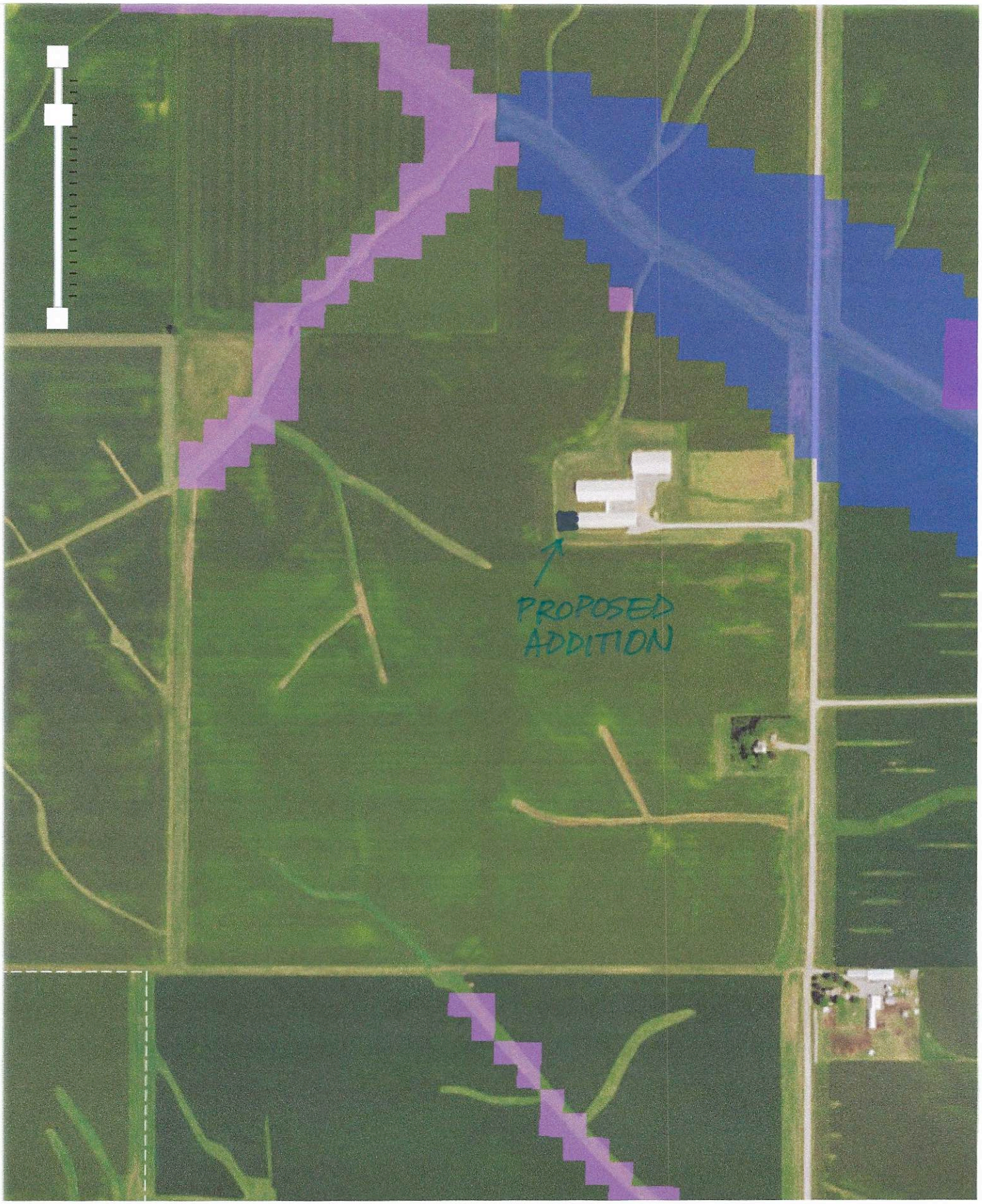
Eye alt 479 m


PAUSTIAN ENTERPRISES LTD.
SOW UNIT
Proposed addition
N
10800 FEET TO STATE OF IOWA
public land
3600 FEET TO NEIGHBOR
3540 FEET TO NEIGHBOR
3370 FEET TO NEIGHBOR
4170 FEET TO STENDER FARM
1140 FEET TO SURFACE WATER
4100 FEET TO NEIGHBOR
1160 FEET TO NEIGHBOR
OWNED
2180 FEET TO NEIGHBOR
4100 FEET TO BUSINESS
3260 FEET TO HOME FARM
©2010 Google
© 2016 Google
Imagery Date: Oct 9, 2016
41°37'52.55" N 90°45'41.64" W elev 219 m
Eye alt 3.89 km

DNR IOWA
DEPARTMENT OF NATURAL RESOURCES

PAUSTIAN ENTERPRISES LTD - SOW UNIT KARST + ALLUVIAL SOILS MAP

Basemaps Measure Bookmarks Mail Map Info Soil



Construction Design Statement (CDS)

Instructions:

1. This form is for new or expanding confinement feeding operations with an AUC[1] of more than 500 AU, not required to have a professional engineer (PE)[2], that are proposing to construct a formed manure storage structure[3].
2. Complete and submit Sections 1, 2 and 3 (pages 1 to 5).
3. Complete and submit Section 4 (page 6) only if you are applying for a construction permit and are constructing three or more confinement feeding operation structures[4].
4. Mail only pages 1 to 5, and page 6 (if applicable) as instructed on page 6. Do not mail the remainder of this form.
5. If the site-specific design is sealed by a PE[2], do not use this CDS instead use DNR Form 542-8122.

Section 1 - Information about the proposed formed manure storage structure[3](s)

A) Information about the operation:

Name of operation: Paustian Enterprises Ltd. Facility ID No. : 62367

Location:	NE	SE	19	T79R2E	Hickory Grove	Scott
	(¼ ¼)	(¼)	(Section)	(Tier & Range)	(Name of Township)	(County)

B) Description of the proposed formed manure storage structure[3]. Include dimensions (length, width, or diameter, depth). Indicate if it is aboveground or belowground; covered or uncovered, made of concrete or steel, address location of pit fans, if applicable, and address water line entry into buildings. If necessary attach more pages:

60'6" x 92'3" x 2'0" **belowground concrete pit covered by a swine** farrowing addition.

The water will come in through the gabled wall

The fans will sit on stainless steel transitions.

C) **Aerial photos:** Aerial photos must be submitted that clearly show the location of all existing and proposed confinement feeding operation structures and show at least a one-mile radius around the structures. The photos must either show roads on the north and south or east and west sides of a section (so that a mile distance is apparent), or include a distance scale.

The photo(s) must show that the proposed structures comply with all statutory minimum required separation distances to the objects listed below:

- Residences (not owned by the permit applicant), churches, businesses, schools, public use areas
- Water wells (depends on type)
- Major water sources, wellhead or cistern of an agricultural drainage well or known sinkholes
- Water sources (other than major water sources) or surface intakes of an agricultural drainage well
- Designated wetlands
- Road right-of-way

The separation distance to each of the above objects must be noted with a straight line between the proposed structure(s) and the object. If any of the above objects is not located within one mile from the proposed structures, note the fact on the photo(s) or use additional pages. (Example: "No agricultural drainage wells within one mile.")

All separation distances that are not clearly in excess of the required minimum separation distance must be measured according to 567 IAC 65.11(5) using standard survey methods. Go to the DNR fact sheet page at http://www.iowadnr.gov/Environment/LandStewardship/AnimalFeedingOperations/AFOResources/AFOFactsheets.aspx and select DNR fact sheet "Distance Requirements for Construction" to find the required separation distances. Or, go directly to: http://www.iowadnr.gov/Portals/idnr/uploads/forms/5421420.pdf. An example aerial photo can be found on pages 18 to 19 of the AFO Construction Permit Application (DNR Form 542-1428). Or, go directly to: http://www.iowadnr.gov/Portals/idnr/uploads/afo/fs_iemap.pdf.

Note: If a master matrix is required, the photos must also show that the additional separation distances required for any points claimed in matrix criteria one through ten will be met for the objects listed above. Note the additional separation distance by drawing a straight line between the proposed structures and the matrix item.

---

[1] To determine the AUC see the 'Manure Storage Indemnity Fee' (Form 542-4021) or the 'Construction Permit Application' (Form 542-1428), or visit http://www.iowadnr.gov

[2] PE is a professional engineer licensed in the state of Iowa or a NRCS-Engineer working for the USDA-Natural Resources Conservation Service (NRCS).

[3] Formed manure storage structure means a covered or uncovered concrete or steel tank, including concrete pits below the floor.

[4] Confinement feeding operation structure = A confinement building, a formed or unformed manure storage structure, or an egg washwater storage structure.

D) **Karst Determination:** Go to DNR AFO Siting Atlas at http://programs.iowadnr.gov/maps/afo/. Search for your site by either scrolling into your location or entering an address or legal description in the bottom search bar. Left click on the location of your proposed structure. Make sure the karst layer box is checked on the map layers. If you cannot access the map, or if you have questions about this issue, contact the AFO Engineer at 712-262-4177. Check one of the following:

☒ The site is not in karst or potential karst. Print and enclose the map with the name and location of the site clearly marked.

☐ The Siting Atlas has indicated that the site is in karst. The upgraded concrete standards of 567 IAC 65.15(14)"c" must be used. Complete and sign Section 3,H (page 5).

E) **Alluvial Soils Determination:** Go to the AFO Siting Atlas as described above. Make sure the alluvial box is checked on the map layers. If you cannot access the map, or if you have questions about this issue, contact DNR Flood Plain at 1-866-849-0321. Check one of the following:

☒ The site is not in alluvial soils. Print and enclose the map with the name and location of the site clearly marked.

☐ If the site is in alluvial soils contact DNR Flood Plain at 866-849-0321. You will be required to submit a petition for a declaratory order if less than 1000 AU or request a flood plain determination if 1000 AU or greater. After receiving Flood Plain determination, submit one of the following:

- ☐ Include correspondence from the DNR showing the site is not in 100-year flood plain or does not require a Flood Plain permit. .
- ☐ Include copy of the Flood Plain permit if a Flood Plain permit is required.

Section 2 - Manure management plan:

☒ An original manure management plan (MMP) is enclosed with this form, even if a MMP was previously filed.

Paustian Enterprises by Mike Paustian		05/02/17
Owner's Name (print)	Owner's Signature	Date

Section 3 - Construction design standards: The person responsible for constructing the formed manure storage structure(s)[3] must complete pages 2 to 5.

A) Liquid and semi-liquid manure: The proposed formed manure storage structure[3] will be (check one):

- A.1 ☒ A non-circular concrete tank, belowground, with walls laterally braced or below the building concrete pit designed according to 567 IAC Chapter 65, Appendix D.
- A.2 ☐ A non-circular concrete tank, belowground, walls designed according to MidWest Plan Service (MWPS), publication MWPS-36. Include design calculations.
- A.3 ☐ A circular concrete tank, walls designed according to MidWest Plan Service (MWPS), publication MWPS TR-9. Include design calculations.
- A.4 ☐ Will be made of steel, constructed aboveground according to the manufacturer's recommendations.

B) Dry manure: The proposed formed manure storage structure[3] will be (check one):

- B.1 ☐ An aboveground concrete tank, with walls designed according to MWPS-36. Include design calculations.
- B.2 ☐ Will be made of steel, constructed aboveground according to the manufacturer's recommendations.
- B.3 ☐ Will be a belowground or partially belowground concrete tank, with walls laterally braced designed according to 567 IAC Chapter 65, Appendix D or MWPS-36. Include design calculations.

C) Details of the proposed design: Submit an additional completed copy of this page 2 for each formed manure storage structure[3] that have different dimensions. Complete all of the following information:

Number of buildings: 1 **Building name:** Finisher

Dimensions of proposed formed manure storage structure[3]

	Length	Width	Height or depth	Wall thickness	Diameter (circular tanks only)
Feet	92	60	2	0	
Inches	3	6	0	6	

To determine the appropriate vertical steel in walls, first check one of the following boxes (must check one):

☐ a. To use Tables D-1 and D-2 (on pages 7-8), backfilling of walls shall be performed with gravel, sand, silt, and clay mixtures (less than 50 percent fines), with coarse sand with silt or clay (less than 50 percent fines), or cleaner granular material (see page 9 for the unified soils classification). You will need to submit a copy of a USDA soil survey map with the proposed location of the formed manure storage structures[3] clearly marked showing the unified soil classification; or a statement signed by a qualified organization or NRCS staff.

☒ b. Use Tables D-3 and D-4 (on pages 8-9) if backfilling of walls will be performed with soils that are unknown or with low plasticity silts and clays with some sand or gravel (50 percent or more fines); or fine sands with silt or clay (less than 50 percent fines); or low to medium plasticity silts and clays with little sand or gravel (50 percent or more fines); or high plasticity silts and clays (see page 9 for unified soils classification). You must use Tables D-3 and D-4 if you do not submit the soils information requested in box "a", above.

Maximum spacing of steel, in inches

Description of reinforcing steel in walls	Proposed vertical steel in walls [see boxes "a" and "b", above]				Proposed horizontal steel in walls (use Table D-5)
	Walls where vehicles are **not** allowed within 5 feet (use Table D-1)[a]	All walls with pumpout ports and walls where vehicles are allowed within 5 feet (use Table D-2)[a]	Walls where vehicles are **not** allowed within 5 feet (use Table D-3)[b]	All walls with pumpout ports and walls where vehicles are allowed within 5 feet (use Table D-4)[b]	
Grade 40, No. 4					
Grade 40, No. 5					
Grade 60, No. 4				18	18
Grade 60, No. 5					

D) Aboveground tanks or partially aboveground tanks: Liquid and semi-liquid manure (check the following box):

☐ If the proposed tank is to be constructed **aboveground or partially aboveground** and will have an external outlet or inlet below the liquid level, the tank will also be constructed according to the 567 IAC 65.15(20).

E) Steel Tanks: Certification that the tank will be constructed according to the tank manufacturer's specifications:

Name of tank manufacturer company: _____

Address: _____

Telephone: _____ Fax: _____

F) Additional construction design standards:

To determine the additional requirements set forth in 567 IAC 65.15(14) that would apply to the proposed formed manure storage structure[3], check any of the following 3 boxes based on the information entered on Sections 3.A or 3.B (page 2):

☒ If you checked boxes A.1, A.2, A.3 or B.3 (on page 2) **all** of the following 15 additional requirements apply. Complete the numbered items 1 to 15 (below).

☐ If you checked box B.1 (on page 2), only the requirements of numbered items 1, 3, 4, 5, 6, 8 and 12 apply and need to check those boxes (below).

☐ If you checked boxes A.4 or B.2 (on page 2) and the steel tank will have a concrete floor, only the requirements of numbered items 1, 2, 3, 4, 5, 8, 9, 12, apply and need to check those boxes (below).

Additional Requirements that will be followed during construction of the formed manure storage structure(s)[3]:

1. Site preparation (check the following box):

   ☒ The finished subgrade of a formed manure storage structure shall be graded and compacted to provide a uniform and level base and shall be free of vegetation, manure and debris. For the purpose of this subrule, "uniform" means a finished subgrade with similar soils.

2. Groundwater separation requirements (check one of the following boxes):

   ☒ When the groundwater table, as determined in 65.15(7)*"c,"* is above the bottom of the formed structure, a drain tile shall be installed along the footings to artificially lower the groundwater table pursuant to 65.15(7)*"b"(2).* The drain tile shall be placed within 3 feet of the footings as indicated in Appendix D, Figure D-1, at the end of this chapter and shall be covered with a minimum of 2 inches of gravel, granular material, fabric or a combination of these materials to prevent plugging the drain tile. A device to allow monitoring of the water in the drainage tile lines installed to lower the groundwater table and a device to allow shutoff of the drainage tile lines shall be installed if the drainage tile lines do not have a surface outlet accessible on the property where the formed manure storage structure is located.

   ☐ In lieu of the drain tile, a certification signed by a PE[2], a groundwater professional certified pursuant to 567 Chapter 134, or a qualified staff from NRCS, is being submitted indicating that the groundwater elevation, according to 65.15(7)"c", is below the bottom of the formed structure.

3. Minimum as-placed concrete compressive strength (check the following box):

   ☒ All concrete shall have the following minimum as-placed compressive strengths and shall meet American Society for Testing and Materials (ASTM) standard ASTM C 94: 4,000 pounds per square inch (psi) for walls, floors, beams, columns

and pumpouts and 3,000 psi for the footings. The average concrete strength by testing shall not be below design strength. No single test result shall be more than 500 psi less than the minimum compressive strength.

4. Cement and aggregates specifications (check the following box):
☒ Cementitious materials shall consist of Portland cement conforming to ASTM C 150. Aggregates shall conform to ASTM C 33. Blended cements in conformance with ASTM C 595 are allowed only for concrete placed between March 15 and October 15. Portland-pozzolan cement or Portland blast furnace slag blended cements shall contain at least 75 percent, by mass, of Portland cement.

5. Concrete consolidation and vibration requirements (check the following box):
☒ All concrete placed for walls shall be consolidated or vibrated, by manual or mechanical means, or a combination, in a manner which meets ACI 309.

6. Minimum rebar specifications: (check the following box):
☒ All rebar used shall be a minimum of grade 40 steel. All rebar, with the exception of rebar dowels connecting the walls to the floor or footings, shall be secured and tied in place prior to the placing of concrete.

7. Wall reinforcement placement specifications (check the following box):
☒ All wall reinforcement shall be placed so as to have a rebar cover of 2 inches from the inside face of the wall for a belowground manure storage structure. Vertical wall reinforcement should be placed closest to the inside face. Rebar placement shall not exceed tolerances specified in ACI 318.

8. Minimum floor specifications. Complete part a) and b):
a) Floor thickness requirements (check the following box):
☒ The floor slab shall be a minimum of 5 inches thick. Nondestructive methods to verify the floor slab thickness may be required by the department. The results shall indicate that at least 95 percent of the floor slab area meets the minimum required thickness. In no case shall the floor slab thickness be less than 4½ inches.

b) The floor slab reinforcement shall be located in the middle of the thickness of the floor slab (check one of the following boxes):
☒ Formed manure storage structures with a depth of 4 feet or more shall have primary reinforcement consisting of a minimum of #4 rebar placed a maximum of 18 inches on center in each direction placed in a single mat.
☐ Formed manure storage structure with a depth less than 4 feet shall have shrinkage reinforcement consisting of a minimum of 6 × 6-W1.4 × W1.4 welded wire fabric.

9. Minimum footing specifications (check the following box):
☒ The footing or the area where the floor comes in contact with the walls and columns shall have a thickness equal to the wall thickness, but in no case be less than 8 inches, and the width shall be at least twice the thickness of the footing. All exterior walls shall have footings below the frostline. Tolerances shall not exceed -½ inch of the minimum footing dimensions.

10. Requirement to connect walls to footings (check one of the following boxes):
☐ The vertical steel of all walls shall be extended into the footing, and be bent at 90°, **OR**
☒ A separate dowel shall be installed as a #4 rebar that is bent at 90° with at least 20 inches of rebar in the wall and extended into the footing within 3 inches of the bottom of the footing and extended at least 3 inches horizontally, as indicated in Appendix D, Figure D-1 (page 10). Dowel spacing (bend or extended) shall be the same as the spacing for the vertical rebar.
☐ As an alternative to the 90°bend, the dowel may be extended at least 12 inches into the footing, with a minimum concrete cover of 3 inches at the bottom, as indicated in Appendix D, Figure D-1 (page 10). Dowel spacing (bend or extended) shall be the same as the spacing for the vertical rebar.
☐ In lieu of dowels, mechanical means or alternate methods may be used as anchorage of interior walls to footings. Please submit structural calculations and details of this proposal.

11. Concrete forms specifications (check the following box):
☒ All walls shall be formed with rigid forming systems and shall not be earth-formed.

12. Curing of concrete requirements (check the following box):
☒ All concrete shall be cured for at least seven days after placing, in a manner which meets ACI 308, by maintaining adequate moisture or preventing evaporation. Proper curing shall be done by ponding, spraying or fogging water; or by using a curing compound that meets ASTM C 309; or by using wet burlap, plastic sheets or similar materials.

13. Construction joints and waterstops specifications (check the following box):

☒ All construction joints in exterior walls shall be constructed to prevent discontinuity of steel and have properly spliced rebar placed through the joint. Waterstops shall be installed in all areas where fresh concrete will meet hardened concrete as indicated in Appendix D, Figures D-1 and D-2, at the end of this chapter. The waterstops shall be made of plastic, rolled bentonite or similar materials approved by the department.

14. Backfilling of walls specifications (check the following box):
☒ Backfilling of the walls shall not start until the floor slats or permanent bracing have been installed. Backfilling shall be performed with material free of vegetation, large rocks or debris.

15. Additional design requirements (check the following box, if applicable):
☐ A formed manure storage structure with a depth greater than 12 feet shall be designed by a PE or an NRCS engineer.

G) Construction Certification: The person responsible for constructing the formed manure storage structure[3] must sign this page. Any change(s) to the specifications of the formed manure storage structure must be first approved by DNR:

"I hereby certify that I have read and understand the minimum design and construction standards of Iowa Code chapter 459, Subchapter III, and the 567 Iowa Administrative Code (IAC) 65.15(14) "Minimum concrete standards" or 567 IAC 65 (if other than concrete). The proposed formed manure storage structure(s)[3] at the operation:

Name of operation: Puastian Enterprises Ltd. County: Scott

Owner's name: Kent Paustian

will be constructed in accordance with these minimum requirements. Included with this certification are:

☒ Page 2, for each formed manure storage structure[3] that have different dimensions
☒ Pages 3 to 5 (applicable sections)
☐ Other documents (specify): ____

Doug Green		April 12, 2017
	(Signature)	(Date)
P.S.I.	**1204 1st Ave. NE, Wellman, IA 52356**	**(319)646-2430**
(Company)	(Address)	(Phone No.)

(See page 6 for mailing instructions)

Manure Management Plan Form

Animal Feeding Operation Information

Instructions: Complete this form for your animal feeding operation. Footnotes are provided on page 4.

The information within this form, and the attachments, describes my animal feeding operation, my manure storage and handling system, and my planned manure management system. I (we) will manage the manure, and the nutrients it contains, as described withi

Signed: Paustian Enterprises By Mike Paustian (Signature) Mike Paustian (Print name) **Date:** 05/02/17

Name of operation: Sow Unit **Facility ID No.** 62367

Location of the operation: 22444 - 70th Ave (911 address)

Walcott (Town) Iowa (State) 52773 (Zip)

NE (1/4 1/4) 1/4 of the SE (1/4) 1/4 of Sec 19 (Section) T 79N R 2E (Tier & Range) Hickory Grove (Township Name) Scott (County)

Owner and contacts of the animal feeding operation:

Owner Paustian Enterprises Ltd. Phone 563-284-6814

Address 6520 - 215th St., Walcott, IA 52773

E-mail address (optional) _____ Cell phone (optional) _____

Contact person (if different than owner) Kent Paustian Phone 563-284-6814

Address 6520 - 215th St., Walcott, IA 52773

E-mail address (optional) _____ Cell phone (optional) _____

Contract company (if applicable) _____ Phone _____

Address _____

This manure management plan is for: (check one)

_____ existing operation, not expanding X existing operation, expanding _____ new operation

Construction and Expansion Dates: 1998 date of initial construction and all expansions

_____ _____ _____

Table 1. Information about livestock production and manure management system

1	2	3	4	5	6	7	8
Animal type/ Production phase[a]	Max # of animals confined	Manure Storage Structure [b]	N[c]	P_2O_5[c]	gal/space/dy[d]	Days/yr Facility occupied	Annual Manure Produced[e]
Select production phas			0	0	0.0		000
Select production phas			0	0	0.0		000
Select production phas			0	0	0.0		000
Brding,Gest.& Farrowing	1116	Deep pit	25	12	3.3	365	1,311,740
Developing Gilts	873	Deep pit	25	12	2.0	292	509,832
						Total Gallons	**1,821,572**

Estimated annual animal production[f] ~18000 animals/year

Source of Manure Nutrient Content Data (standard tables, manure analysis, other): manure analysis

Manure Management Plan Form

Animal Feeding Operation Information

Instructions: Complete this form for your animal feeding operation. Footnotes are provided on page 4.

The information within this form, and the attachments, describes my animal feeding operation, my manure storage and handling system, and my planned manure management system. I (we) will manage the manure, and the nutrients it contains, as described within this manure management plan (MMP) and any revisions of the plan, individual field information, and field summary sheet, and in accordance with current rules and regulations. Deviations permitted by Iowa law will be documented and maintained in my records.

Signed: Paustian Enterprises by Mike Paustian (Signature) Mike Paustian (Print name) **Date:** 05/02/17

Name of operation: Ross Finishing **Facility ID No.** 62367

Location of the operation: 22225 - 70th Ave (911 address)

Walcott (Town) Iowa (State) 52773 (Zip)

SE (1/4 1/4) 1/4 of the SW (1/4) 1/4 of Sec 20 (Section) T 79N R 2E (Tier & Range) Hickory Grove (Township Name) Scott (County)

Owner and contacts of the animal feeding operation:

Owner Paustian Enterprises Ltd. Phone 563-284-6814

Address 6520 - 215th St., Walcott, IA 52773

E-mail address (optional) _____ Cell phone (optional) _____

Contact person (if different than owner) Kent Paustian Phone 563-284-6814

Address 6520 - 215th St., Walcott, IA 52773

E-mail address (optional) _____ Cell phone (optional) _____

Contract company (if applicable) _____ Phone _____

Address _____

This manure management plan is for: (check one)

X existing operation, not expanding ____ existing operation, expanding ____ new operation

Construction and Expansion Dates: 1996 date of initial construction

1998 _____ _____ and all expansions

Table 1. Information about livestock production and manure management system

1	2	3	4	5	6	7	8
Animal type/ Production phase[a]	Max # of animals confined	Manure Storage Structure [b]	N[c]	P_2O_5[c]	gal/space/dy[d]	Days/yr Facility occupied	Annual Manure Produced[e]
Select production phas			0	0	0.0		000
Select production phas			0	0	0.0		000
Select production phas			0	0	0.0		000
Grow - Finish	2600	Deep pits	54	34	0.8	365	759,038
						Total Gallons	**759,038**

Estimated annual animal production[f] ~6500 animals/year

Source of Manure Nutrient Content Data (standard tables, manure analysis, other): manure analysis

Manure Management Plan Form

Determining Maximum Allowable Manure Application Rates

Instructions: Complete a worksheet for each unique combination of the following factors (crop rotation, optimum crop yield, manure nutrient concentration, remaining crop N need, method of application) that occurs at this operation. Complete form by filling in blanks, yellow-colored cells, and drop down menus. Gray shaded cells will calculate automatically. Footnotes are given on pages 4, 5 and 6.

Management Identification (Mgt ID)[f] F) Corn-Corn (finishing)

(identify this application scenario by letter)

Method to determine optimum crop yield[g] Soil survey interpretation records | **Timing of application** Sp & Fall

Method of application Knifed in or soil injection of liquid manure | **Application loss factor** 0.98

If spray irrigation is used, identify method [i]

Table 2. Manure nutrient concentration

Manure Nutrient Content (lbs/1000gal or lbs/ton) [j]					
Total N	54		**P_2O_5**	34	
%TN Available 1st year[k]	100%	**2nd year**	0%	**3rd year**	
Available N 1st year[l]	52.9	**2nd year[m]**	0.0	**3rd year[n]**	0.0

Table 3. Crop usage rates[o]

lb/bu or lb/ton	N	P_2O_5
Corn	1.2	0.32
Soybean	3.8	0.72
Alfalfa	50	13
Other crop	0	0

*Use blank space above to add crop not listed.

Table 4. Calculations for rate based on nitrogen (always required)

			Corn	Corn	Corn	Corn
1	**Applying Manure For** (crop to be grown) [p]					
2	**Optimum Crop Yield [g]**	bu or ton/acre	217	217	217	217
3	**P_2O_5 removed with crop by harvest [q]**	lb/acre	69.4	69.4	69.4	69.4
4	**Crop N utilization [r]**	lb/acre	260	260	260	260
5a	**Legume N credit [s]**	lb/acre		0	0	0
5b	**Commercial N planned[t]**	lb/acre	25	25	25	25
5c	**Manure N carryover credit [u]**	lb/acre		0.0	0.0	0.0
6	**Remaining crop N need [v]**	lb/acre	235	235	235	235
7	**Manure rate to supply remaining N [w]**	gal/acre	4448	4448	4448	4448
8	**P_2O_5 applied with N-based rate [x]**	lb/acre	151	151	151	151

Table 5. Calculations for rate based on phosphorus (fill out only if P-based rates are planned)

9	**Commercial P_2O_5 planned [y]**	lb/acre				
10	**Manure rate to supply P removal [z]**	gal/acre	2042	2042	2042	2042
11	**Manure rate for P based plan [aa]**	gal/acre	4084	4084	4084	4084
12	**Manure N applied with P-based plan [bb]**	lb/acree	216	216	216	216

Table 6. Application rates that will be carried over to page 3

13	**Planned manure application rate [cc]**	gal/acre	4448	4448	4448	4448

When applicable, manure application rates must be based on the P index value as follows:
(0-2) N-based manure management.
(>2-5) N-based manure management but P application rate cannot exceed two times the P removal rate of the crop schedule.
(>5-15) No manure application until practices are adopted to reduce P index to 5 or below.

Manure Management Plan Form

Determining Maximum Allowable Manure Application Rates

Instructions: Complete a worksheet for each unique combination of the following factors (crop rotation, optimum crop yield, manure nutrient concentration, remaining crop N need, method of application) that occurs at this operation. Complete form by filling in blanks, yellow-colored cells, and drop down menus. Gray shaded cells will calculate automatically. Footnotes are given on pages 4, 5 and 6.

Management Identification (Mgt ID)[f]

S) Corn-Corn (sow)

(identify this application scenario by letter)

Method to determine optimum crop yield[g] Soil survey interpretation records

Timing of application Sp & Fall

Method of application Knifed in or soil injection of liquid manure

Application loss factor 0.98

If spray irrigation is used, identify method [j]

Table 2. Manure nutrient concentration

Manure Nutrient Content (lbs/1000gal or lbs/ton) [j]					
Total N	25.6		P_2O_5	12	
%TN Available 1st year[k]	100%	2nd year	0%	3rd year	
Available N 1st year[l]	25.1	2nd year[m]	0.0	3rd year[n]	0.0

Table 3. Crop usage rates[o]

lb/bu or lb/ton	N	P_2O_5
Corn	1.2	0.32
Soybean	3.8	0.72
Alfalfa	50	13
Other crop	0	0

*Use blank space above to add crop not listed.

Table 4. Calculations for rate based on nitrogen (always required)

1	**Applying Manure For** (crop to be grown) [p]		Corn	Corn	Corn	Corn
2	**Optimum Crop Yield** [g]	bu or ton/acre	217	217	217	217
3	**P_2O_5 removed with crop by harvest** [q]	lb/acre	69.4	69.4	69.4	69.4
4	**Crop N utilization** [r]	lb/acre	260	260	260	260
5a	**Legume N credit** [s]	lb/acre		0	0	0
5b	**Commercial N planned** [t]	lb/acre	75	75	75	75
5c	**Manure N carryover credit** [u]	lb/acre		0.0	0.0	0.0
6	**Remaining crop N need** [v]	lb/acre	185	185	185	185
7	**Manure rate to supply remaining N** [w]	gal/acre	7390	7390	7390	7390
8	**P_2O_5 applied with N-based rate** [x]	lb/acre	89	89	89	89

Table 5. Calculations for rate based on phosphorus (fill out only if P-based rates are planned)

9	**Commercial P_2O_5 planned** [y]	lb/acre				
10	**Manure rate to supply P removal** [z]	gal/acre	5787	5787	5787	5787
11	**Manure rate for P based plan** [aa]	gal/acre				
12	**Manure N applied with P-based plan** [bb]	lb/acree	0	0	0	0

Table 6. Application rates that will be carried over to page 3

13	**Planned manure application rate** [cc]	gal/acre	7390	7390	7390	7390

When applicable, manure application rates must be based on the P index value as follows:
(0-2) N-based manure management.
(>2-5) N-based manure management but P application rate cannot exceed two times the P removal rate of the crop schedule.
(>5-15) No manure application until practices are adopted to reduce P index to 5 or below.

Manure Management Plan Form

Year by Year Manure Management Plan Summary

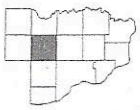
Instructions: Complete this form for each of the next four growing seasons, to demonstrate sufficient land base to apply manure over multiple crop years. If this page is identical for multiple years (e.g. every other year), submit only once for the identical years, and indicate which years the form represents. Footnotes are given on page 6.

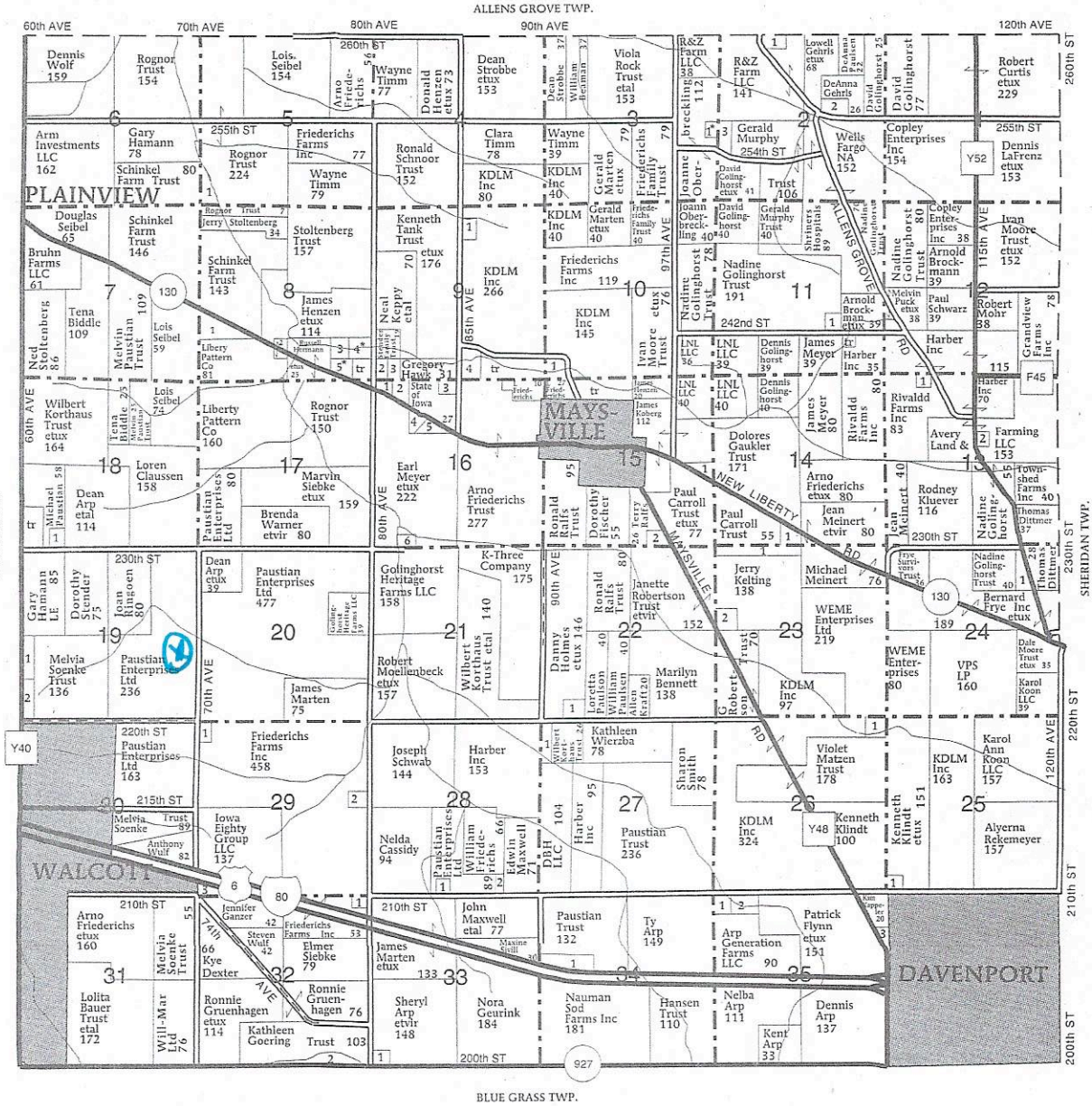
Crop year(s): 2017 - 2021 (Ross Finisher/Sow Unit)

1	2	3	4	5	6	7	8	9	10	11
Field Designation [ee]	Field Location ___1/4 of the___ 1/4 Sec___ T___ R___ Townsip Name_____, County Name _____	Mgt Id [ff]	Planned Crop	Acres receiving manure[gg]	Own, rent, agreement (include length of agreement) [hh]	P index value [ii]	HEL (Y/N)[jj]	Planned Application		Correct Soil Test for P[II] (Yes or No)
								gal/acre	gal/field [kk]	
									0	
Reece North	NW SW 17 79N 2E Hickory Grove, Scott	S	Corn	6.36	Own	2.08	N	7390	47000	Yes
Reece South	W1/2 SW 17 79N 2E Hickory Grove, Scott	F	Corn	64.02	Own	1.69	Y	4448	284761	Yes
Shrine W	E1/2 NE 19 79N 2E Hickory Grove, Scott	S	Corn	57.9	Own	1.97	Y	7390	427881	Yes
Shrine E	S1/2 NW, N1/2 SW 20 79N 2E Hickory Gv, Scott	F	Corn	112.4	Own	4.24	Y		0	Yes
Stender	NE NW,N1/2 SE,NE1/4 20 79N 2E Hkry Gv, Scott	F	Corn	196.3	Own	2.29	Y		0	Yes
Puck	SE1/4 19 79N 2E Hickory Grove, Scott	S	Corn	147	Own	2.31	Y	7390	1086330	Yes
Ross	SW1/4 20 79N 2E Hickory Grove, Scott	F	Corn	95.7	Own	4.30	Y	4084	390839	Yes
I-80	NW1/4 30 79N 2E Hickory Grove, Scott	S	Corn	83.58	Rent	2.87	N	7390	617656	Yes
Home	NE1/4 30 79N 2E Hickory Grove, Scott	N	Corn	132.5	Own	3.95	Y		0	Yes
Goering Front	SW1/4 29 79N 2E Hickory Grove, Scott	F	Corn	90.5	Rent	2.97	Y	4084	369602	Yes
Goering Back	SW1/4 29 79N 2E Hickory Grove, Scott	F	Corn	32.3	Rent	2.65	Y	4084	131913	Yes
Duffy North	E1/2 SW 28 79N 2E Hickory Grove, Scott	F	Corn	43.86	Own	2.64	Y		0	Yes
Duffy South	E1/2 SW 28 79N 2E Hickory Grove, Scott	F	Corn	38.5	Own	3.13	N		0	Yes
									0	
									0	
									0	
									0	
									0	
									0	
									0	
									0	
	Total acres available for manure application			1100.92	**Total gallons that could be applied**				3355983	

PAUSTIAN ENTERPRISES LTD.
Farm Location - Sow Unit

T-79-N HICKORY GROVE PLAT (Landowners) R-2-E





HICKORY GROVE TOWNSHIP

SECTION 2
1. Watts, Jill 12
2. Decap, Michael 13
3. Schoenthaler, Jeremy 10

SECTION 3
1. Gevers, Andrew 6

SECTION 5
1. Schinkel Farm Trust 16

SECTION 8
1. Seibel, Lois 13
2. Schneider, Anthony 6
3. Williams, Joseph 7
4. Petersen, Robert 7
5. Negus, Julius 5

SECTION 9
1. Newmarch Trust, Paul 5
2. Kieffert, Sharon 5
3. Wulf, Robert 6
4. Friederichs, Arno 15

SECTION 10
1. Jewell, Kari 15

SECTION 11
1. Holtz, Donald 6

SECTION 13
1. Grandview Farms Inc 10
2. Adrian, Gary 6

SECTION 14
1. Jewell, Kari 10

SECTION 15
1. Sapp, Wayne 11
2. Friederichs, Loran 14

SECTION 16
1. Ehrecke, Kenneth 6
2. Schneckloth, Jeffrey 9
3. Robinson, Thomas 6
4. R&D Lossi Trust 6
5. Meyer, Paul 7
6. Golinghorst, Robert 5

SECTION 18
1. Miller, John 9

SECTION 19
1. Duncan, Arthur 11
2. August, Gary 9

SECTION 22
1. Paulsen, William 9

SECTION 23
1. Carroll Trust, Paul 15
2. Robertson Trust, Janette 7

SECTION 24
1. Kundel, Dorothy 9

SECTION 25
1. Congdon, Dennis 11

SECTION 26
1. WEME Enterprises Ltd 12

SECTION 27
1. Harber Inc 13

SECTION 28
1. Duffey Trust, Mack 9
2. Keppy, Carl 5

SECTION 29
1. Friederichs, Earl 7
2. Friederichs, Earl 7
3. Iowa Eighty Group LLC 6

SECTION 32
1. Kraft, Scott 5
2. Allison, Grant 10

SECTION 33
1. Knickrehm, Dorothy 7

SECTION 34
1. Sivill, Maxine 12

SECTION 35
1. Roseman, Lysle 8
2. DeVault, Roy 10
3. Harris, Allen 9

SCOTT CO., IA

2016 info

Historical Corn Yields - last 5 years

Field	2011	2012	2013	2014	2015
Home	181	187	192	196	224
Goering	181	186	200	193	252
I-80	181	187	192	196	235
Puck/Shrine W	181	185	180	200	215
Mike	181	186	171	211	Beans
Ralfs	200	178	150	184	220
Shrine E	181	186	171	211	229

5500 acres other acres 100 yr

Manure test results - last 5 tests

Source							AVG
Mike N finisher	N	56	59	52	53	45	53
	P	33	33	36	45	29	35
	K	34	34	30	38	36	34
Mike S finisher	N	53	49	59	59	55	55
	P	46	41	23	28	24	32
	K	35	36	39	43	36	38
Sow gestation	N	22	17	16	19	29	21
	P	19	13	3	26	12	15
	K	11	11	10	11	21	13
Sow GDU	N				21	34	28
	P				6	9	8
	K				13	23	18
Home nursery	N	19	22	21	25	31	24
	P	8	10	7	4	14	9
	K	13	15	14	17	24	17

TKN P_2O_5
54 - 34 average
#/1000gal

TKN P_2O_5
25 - 12 average
#/1000gal

NOTE: Beginning last year, there are no longer any finishing hogs at the hom
there will be from nursery pigs

Home finisher	N	46	59	54	46	57	52
	P	39	41	24	20	24	30
	K	28	34	29	25	27	29

Paustian Enterprises

Home & I80		soil type yields		Total bu	
		corn	soybeans	corn	soybean
11b	10.5	221	64	2320.5	672
83d2	2.3	199	58	457.7	133.4
118	6.2	233	68	1444.6	421.6
119	5	240	70	1200	350
120b	48.6	235	68	11421	3304.8
120c2	35.6	221	64	7867.6	2278.4
160	3.2	180	52	576	166.4
442d2	4.9	177	51	867.3	249.9
920b	45.1	205	59	9245.5	2660.9
920c2	20	193	56	3860	1120
920d2	24.7	184	54	4544.8	1333.8
	206.1			43805	12691.2
			Avg Yield	**213**	**62**

Goering		soil type yields		Total bu	
		corn	soybeans	corn	soybean
11b	8.8	221	64	1944.8	563.2
20c2	6.3	215	62	1354.5	390.6
119	4.8	240	70	1152	336
120b	14.1	235	68	3313.5	958.8
442d2	5	177	51	885	255
450c2	6.6	196	57	1293.6	376.2
920b	51.1	205	59	10475.5	3014.9
920c2	36.1	193	56	6967.3	2021.6
	132.8			27386.2	7916.3
			Avg Yield	**206**	**60**

		YIELDS		total bu	
	acres	CORN	SOYBEANS	C	S
Home & I80	206.1	213	62	43899	12778
Goering	132.8	206	60	27357	7968
Duffy	86	221	64	19006	5504
Puck/Shrine	213.3	220	64	46926	13651
Mike's Etc.	459.7	219	63	100674	28961
Reese	76.1	219	64	16666	4870
	1174	259.6	75.4	254528	73733
			Overall average	**217**	**63**

Duffy		soil type yields		Total bu	
		corn	soybeans	corn	soybean
11b	16.1	221	64	3558.1	1030.4
118	4	233	68	932	272
119	2.9	240	70	696	203
120b	39.8	235	68	9353	2706.4
920b	1.7	205	59	348.5	100.3
920c2	21.5	193	56	4149.5	1204
	86			19037.1	5516.1
			Avg Yield	**221**	**64**

Puck/Shrine		soil type yields		Total bu	
		corn	soybeans	corn	soybean
20c2	16	215	62	3440	992
20c3	5.6	206	60	1153.6	336
20d3	4.3	197	57	847.1	245.1
83d2	6.1	199	58	1213.9	353.8
83d3	12.2	187	54	2281.4	658.8
119	4.2	240	70	1008	294
120b	68.3	235	68	16050.5	4644.4
120c	36.8	228	66	8390.4	2428.8
120c2	8.8	221	64	1944.8	563.2
120d2	0.1	212	61	21.2	6.1
377c2	31.4	217	63	6813.8	1978.2
426d2	3.2	197	57	630.4	182.4
430b	16.3	194	56	3162.2	912.8
	213.3			46957.3	13595.6
			Avg Yield	**220**	**64**

Mikes/Shriner/Stender		soil type yields		Total bu	
		corn	soybeans	corn	soybean
20c3	12.4	206	60	2554.4	744
20d3	21.8	197	57	4294.6	1242.6
83c2	4.3	208	60	894.4	258
83d2	13.8	199	58	2746.2	800.4
83d3	29.3	187	54	5479.1	1582.2
119	3.1	240	70	744	217
120b	73.9	235	68	17366.5	5025.2
120c	126.2	228	66	28773.6	8329.2
120c2	74.1	221	64	16376.1	4742.4
120d2	8.9	212	61	1886.8	542.9
133	2.6	210	61	546	158.6
420b	23.9	235	68	5616.5	1625.2
430b	26	194	56	5044	1456
442d2	19.8	177	51	3504.6	1009.8
1119	19.6	240	70	4704	1372
	459.7			100530.8	29105.5
			Avg Yield	**219**	**63**

Reese		soil type yields		Total bu	
		corn	soybeans	corn	soybean
120b	13.4	235	68	3149	911.2
120c	1.6	228	66	364.8	105.6
120c2	43.1	221	64	9525.1	2758.4
120d2	0.2	212	61	42.4	12.2
133	9.7	210	61	2037	591.7
430b	8.1	194	56	1571.4	453.6
	76.1			16689.7	4832.7
			Avg Yield	**219**	**64**

Ralfs	soil type yields	Total bu

		corn	soybeans	corn	soybean
11b	12.5	221	64	2762.5	800
20c2	12	215	62	2580	744
119	4.5	240	70	1080	315
119b	2.9	235	68	681.5	197.2
120b	109.4	235	68	25709	7439.2
120c	13.9	228	66	3169.2	917.4
120c2	82.4	221	64	18210.4	5273.6
120d2	1.6	212	61	339.2	97.6
428b	4.6	235	68	1081	312.8
	243.8			55612.8	16096.8
			Avg Yield	**228**	**66**

USDA NRCS

RUSLE2 Profile Erosion Calculation Record

PUCK - PAUSTIAN

Inputs:
Location: USA\Iowa\Scott County
Soil: Scott County, Iowa\377C2 Dinsdale silty clay loam, 5 to 9 percent slopes, moderately eroded\Dinsdale Silty clay loam moderately eroded 100%
Slope length (horiz): 200 ft
Avg. slope steepness: 7.0 %

Management	*Vegetation*	*Yield units*	*# yield units, #/ac*
managements\CMZ 04\c.Other Local Mgt Records\PAUSTIANcorn grain;FC, st pt, disk, fcult, z4	vegetations\Corn, grain	bushels	217.00

Contouring: a. rows up-and-down hill
Strips/barriers: (none)
Diversion/terrace, sediment basin: (none)
Subsurface drainage: (none)
Adjust res. burial level: Normal res. burial

Outputs:
T value: 5.0 t/ac/yr
Soil loss erod. portion: 2.9 t/ac/yr
Detachment on slope: 2.9 t/ac/yr
Soil loss for cons. plan: 2.9 t/ac/yr
Sediment delivery: 2.9 t/ac/yr

Crit. slope length: 200 ft
Surf. cover after planting: 66 %
Avg. ann. forage harvest: 0 lb/ac

Date	*Operation*	*Vegetation*	*Surf. res. cov. after op, %*
11/1/0	Fert applic. surface broadcast		96
11/1/0	Manure injector, liquid low disturb.30 inch		96
11/7/0	Chisel, st. pt.		77
4/28/1	Cultivator, field 6-12 in sweeps		65
5/1/1	planter, double disk opnr	Corn, grain	66
5/3/1	Sprayer, pre-emergence		66
6/7/1	Sprayer, post emergence and fert. tank mix		57
10/20/1	Harvest, killing crop 50pct standing stubble		91

USDA NRCS

RUSLE2 Profile Erosion Calculation Record

MIKE (ROSS) - PAUSTIAN

Inputs:
Location: USA\Iowa\Scott County
Soil: Scott County, Iowa\83D3 Kenyon loam, 9 to 14 percent slopes, severely eroded\Kenyon Loam severely eroded 100%
Slope length (horiz): 150 ft
Avg. slope steepness: 12 %

Management	*Vegetation*	*Yield units*	*# yield units, #/ac*
managements\CMZ 04\c.Other Local Mgt Records\PAUSTIANcorn grain;FC, st pt, disk, fcult, z4	vegetations\Corn, grain	bushels	187.00

Contouring: b. absolute row grade 3 percent
Strips/barriers: (none)
Diversion/terrace, sediment basin: (none)
Subsurface drainage: (none)
Adjust res. burial level: Normal res. burial

Outputs:
T value: 4.0 t/ac/yr
Soil loss erod. portion: 4.0 t/ac/yr
Detachment on slope: 4.0 t/ac/yr
Soil loss for cons. plan: 4.0 t/ac/yr
Sediment delivery: 4.0 t/ac/yr

Crit. slope length: 150 ft
Surf. cover after planting: 61 %
Avg. ann. forage harvest: 0 lb/ac

Date	*Operation*	*Vegetation*	*Surf. res. cov. after op, %*
11/1/0	Fert applic. surface broadcast		94
11/1/0	Manure injector, liquid low disturb.30 inch		94
11/7/0	Chisel, st. pt.		72
4/28/1	Cultivator, field 6-12 in sweeps		60
5/1/1	planter, double disk opnr	Corn, grain	61
5/3/1	Sprayer, pre-emergence		60
6/7/1	Sprayer, post emergence and fert. tank mix		52
10/20/1	Harvest, killing crop 50pct standing stubble		88

USDA NRCS

RUSLE2 Profile Erosion Calculation Record

I-80 - PAUSTIAN

Inputs:
Location: USA\Iowa\Scott County
Soil: Scott County, Iowa\120C2 Tama silty clay loam, 5 to 9 percent slopes, eroded\Tama Silty clay loam eroded 90%
Slope length (horiz): 200 ft
Avg. slope steepness: 7.0 %

Management	*Vegetation*	*Yield units*	*# yield units, #/ac*
managements\CMZ 04\c.Other Local Mgt Records\PAUSTIANcorn grain;FC, st pt, disk, fcult, z4	vegetations\Corn, grain	bushels	221.00

Contouring: a. rows up-and-down hill
Strips/barriers: (none)
Diversion/terrace, sediment basin: (none)
Subsurface drainage: (none)
Adjust res. burial level: Normal res. burial

Outputs:
T value: 5.0 t/ac/yr
Soil loss erod. portion: 2.8 t/ac/yr
Detachment on slope: 2.8 t/ac/yr
Soil loss for cons. plan: 2.8 t/ac/yr
Sediment delivery: 2.8 t/ac/yr

Crit. slope length: 200 ft
Surf. cover after planting: 67 %
Avg. ann. forage harvest: 0 lb/ac

Date	*Operation*	*Vegetation*	*Surf. res. cov. after op, %*
11/1/0	Fert applic. surface broadcast		96
11/1/0	Manure injector, liquid low disturb.30 inch		96
11/7/0	Chisel, st. pt.		77
4/28/1	Cultivator, field 6-12 in sweeps		66
5/1/1	planter, double disk opnr	Corn, grain	67
5/3/1	Sprayer, pre-emergence		66
6/7/1	Sprayer, post emergence and fert. tank mix		58
10/20/1	Harvest, killing crop 50pct standing stubble		91

USDA NRCS

RUSLE2 Profile Erosion Calculation Record

GOERING - PAUSTIAN

Inputs:
Location: USA\Iowa\Scott County
Soil: Scott County, Iowa\920C2 Tama silty clay loam, sandy substratum, 5 to 9 percent slopes, eroded\Tama Silty clay loam sandy substratum, eroded 85%
Slope length (horiz): 200 ft
Avg. slope steepness: 7.0 %

Management	*Vegetation*	*Yield units*	*# yield units, #/ac*
managements\CMZ 04\c.Other Local Mgt Records\PAUSTIANcorn grain;FC, st pt, disk, fcult, z4	vegetations\Corn, grain	bushels	193.00

Contouring: a. rows up-and-down hill
Strips/barriers: (none)
Diversion/terrace, sediment basin: (none)
Subsurface drainage: (none)
Adjust res. burial level: Normal res. burial

Outputs:
T value: 5.0 t/ac/yr
Soil loss erod. portion: 3.4 t/ac/yr
Detachment on slope: 3.4 t/ac/yr
Soil loss for cons. plan: 3.4 t/ac/yr
Sediment delivery: 3.4 t/ac/yr

Crit. slope length: 200 ft
Surf. cover after planting: 62 %
Avg. ann. forage harvest: 0 lb/ac

Date	*Operation*	*Vegetation*	*Surf. res. cov. after op, %*
11/1/0	Fert applic. surface broadcast		94
11/1/0	Manure injector, liquid low disturb.30 inch		94
11/7/0	Chisel, st. pt.		73
4/28/1	Cultivator, field 6-12 in sweeps		61
5/1/1	planter, double disk opnr	Corn, grain	62
5/3/1	Sprayer, pre-emergence		61
6/7/1	Sprayer, post emergence and fert. tank mix		53
10/20/1	Harvest, killing crop 50pct standing stubble		88

USDA NRCS

RUSLE2 Profile Erosion Calculation Record

HOME - PAUSTIAN

Inputs:
Location: USA\Iowa\Scott County
Soil: Scott County, Iowa\920D2 Tama silty clay loam, sandy substratum, 9 to 14 percent slopes, eroded\Tama Silty clay loam sandy substratum, eroded 85%
Slope length (horiz): 150 ft
Avg. slope steepness: 12 %

Management	*Vegetation*	*Yield units*	*# yield units, #/ac*
managements\CMZ 04\c.Other Local Mgt Records\PAUSTIANcorn grain;FC, st pt, disk, fcult, z4	vegetations\Corn, grain	bushels	184.00

Contouring: b. absolute row grade 3 percent
Strips/barriers: (none)
Diversion/terrace, sediment basin: (none)
Subsurface drainage: (none)
Adjust res. burial level: Normal res. burial

Outputs:
T value: 5.0 t/ac/yr
Soil loss erod. portion: 4.7 t/ac/yr
Detachment on slope: 4.7 t/ac/yr
Soil loss for cons. plan: 4.7 t/ac/yr
Sediment delivery: 4.7 t/ac/yr

Crit. slope length: 150 ft
Surf. cover after planting: 60 %
Avg. ann. forage harvest: 0 lb/ac

Date	*Operation*	*Vegetation*	*Surf. res. cov. after op, %*
11/1/0	Fert applic. surface broadcast		94
11/1/0	Manure injector, liquid low disturb.30 inch		94
11/7/0	Chisel, st. pt.		71
4/28/1	Cultivator, field 6-12 in sweeps		59
5/1/1	planter, double disk opnr	Corn, grain	60
5/3/1	Sprayer, pre-emergence		60
6/7/1	Sprayer, post emergence and fert. tank mix		51
10/20/1	Harvest, killing crop 50pct standing stubble		87

USDA NRCS

RUSLE2 Profile Erosion Calculation Record

Duffy N & S - Paustian

Inputs:

Location	Soil	Slope length (horiz)	Avg. slope steepness, %
USA\Iowa\Scott County	Scott County, Iowa\920C2 Tama silty clay loam, sandy substratum, 5 to 9 percent slopes, moderately eroded\Tama Silty clay loam sandy substratum, moderately eroded 100%	200	7.0

Management	Vegetation	Yield units	# yield units, #/ac
managements\CMZ 04\c.Other Local Mgt Records\cc paustianb 2015	vegetations\Corn, grain	bushels	168.00
managements\CMZ 04\c.Other Local Mgt Records\cc paustianb 2015	vegetations\Corn, grain	bushels	168.00

Contouring	Strips/barriers	Diversion/terrace, sediment basin	Subsurface drainage	Adjust res. burial level	General yield level	Rock cover, %
b. absolute row grade 3 percent	(none)	(none)	(none)	Normal res. burial	Set by user	0

Outputs:

T value	Soil loss erod. portion	Detachment on slope	Soil loss for cons. plan	Sediment delivery	Net C factor	Net K factor	Crit. slope length	Surf. cover after planting, %
4.0	4.0	4.0	4.0	4.0	0.075	0.37	200	

Date	Operation	Vegetation	Surf. res. cov. after op, %
11/1/0	Manure injector, liquid low disturb.30 inch		91
11/8/0	Chisel, st. pt.		66
4/9/1	Disk, single gang		48
4/9/1	Cultivator, field 6-12 in sweeps, coil tine har		48
4/9/1	Sprayer, pre-emergence		48
4/10/1	planter, double disk opnr	Corn, grain	48
5/29/1	Sprayer, post emergence and fert. tank mix		46
10/20/1	Harvest, killing crop 50pct standing stubble		84
10/22/1	Manure injector, liquid low disturb.30 inch		91
10/31/1	Chisel, st. pt.		67
3/30/2	Disk, single gang		49
3/30/2	Cultivator, field 6-12 in sweeps, coil tine har		49
4/15/2	Sprayer, pre-emergence		46
4/23/2	Planter, double disk opnr	Corn, grain	46
5/28/2	Sprayer, post emergence and fert. tank mix		46
10/20/2	Harvest, killing crop 50pct standing stubble		84

FUEL USE EVALUATION:

Fuel type for entire run	Equiv. diesel use for entire simulation	Energy use for entire simulation	Fuel cost for entire simulation, US$/ac
(none)	13	1800000	0

SCI and STIR Output

Soil conditioning index (SCI)	SCI OM subfactor	SCI FO subfactor	SCI ER subfactor	Avg. annual slope STIR	Wind & irrigation-induced erosion for SCI, t/ac/yr
0.377	1.2	0.023	-0.57	98.7	0

The **SCI** is the **Soil Conditioning Index** rating. If the calculated index is a negative value, soil organic matter levels are predicted to decline under that production system. If the index is a positive value, soil organic matter levels are predicted to increase under that system.

The **STIR** value is the **Soil Tillage Intensity Rating**. It utilizes the speed, depth, surface disturbance percent and tillage type parameters to calculate a tillage intensity rating for the system used in growing a crop or a rotation. STIR ratings tend to show the differences in the degree of soil disturbance between systems. The kind, severity and number of ground disturbing passes are evaluated for the entire cropping rotation as shown in the management description.

USDA NRCS

RUSLE2 Profile Erosion Calculation Record

Shrine E - Paustian

Inputs:

Location	Soil	Slope length (horiz)	Avg. slope steepness, %
USA\Iowa\Scott County	Scott County, Iowa\442D2 Tama, sandy substratum-Dickinson complex, 9 to 14 percent slopes, moderately eroded\Tama Silty clay loam moderately eroded 50%	150	12

Management	Vegetation	Yield units	# yield units, #/ac
managements\CMZ 04\c.Other Local Mgt Records\cc paustian 2015mt	vegetations\Corn, grain	bushels	107.00
managements\CMZ 04\c.Other Local Mgt Records\cc paustian 2015mt	vegetations\Corn, grain	bushels	107.00

Contouring	Strips/barriers	Diversion/terrace, sediment basin	Subsurface drainage	Adjust res. burial level	General yield level	Rock cover, %
b. absolute row grade 3 percent	(none)	(none)	(none)	Normal res. burial	Base yield	0

Outputs:

T value	Soil loss erod. portion	Detachment on slope	Soil loss for cons. plan	Sediment delivery	Net C factor	Net K factor	Crit. slope length	Surf. cover after planting, %
4.0	9.2	9.2	9.2	9.2	0.094	0.37	150	

Date	Operation	Vegetation	Surf. res. cov. after op, %
10/22/0	Manure injector, liquid low disturb.30 inch		82
4/8/1	Cultivator, field 6-12 in sweeps, coil tine har		62
4/15/1	Sprayer, pre-emergence		62
4/15/1	Planter, double disk opnr	Corn, grain	62
5/28/1	Sprayer, post emergence and fert. tank mix		59
10/20/1	Harvest, killing crop 50pct standing stubble		73
10/22/1	Manure injector, low disturb.30 inch		82
4/15/2	Cultivator, field 6-12 in sweeps, coil tine har		62
4/15/2	Sprayer, pre-emergence		62
4/15/2	Planter, double disk opnr	Corn, grain	62
5/28/2	Sprayer, post emergence and fert. tank mix		59
10/20/2	Harvest, killing crop 50pct standing stubble		73

FUEL USE EVALUATION:

Fuel type for entire run	Equiv. diesel use for entire simulation	Energy use for entire simulation	Fuel cost for entire simulation, US$/ac
(none)	10	1400000	0

SCI and STIR Output

Soil conditioning index (SCI)	SCI OM subfactor	SCI FO subfactor	SCI ER subfactor	Avg. annual slope STIR	Wind & irrigation-induced erosion for SCI, t/ac/yr
-0.0415	0.55	0.67	-2.6	33.7	0

The **SCI** is the **Soil Conditioning Index** rating. If the calculated index is a negative value, soil organic matter levels are predicted to decline under that production system. If the index is a positive value, soil organic matter levels are predicted to increase under that system.

The **STIR** value is the **Soil Tillage Intensity Rating**. It utilizes the speed, depth, surface disturbance percent and tillage type parameters to calculate a tillage intensity rating for the system used in growing a crop or a rotation. STIR ratings tend to show the differences in the degree of soil disturbance between systems. The kind, severity and number of ground disturbing passes are evaluated for the entire cropping rotation as shown in the management description.

USDA NRCS

RUSLE2 Profile Erosion Calculation Record

Reece N & S, Stender, I-80, Ralfs E & W - Paustian

Inputs:

Location	Soil	Slope length (horiz)	Avg. slope steepness, %
USA\Iowa\Scott County	Scott County, Iowa\120C2 Tama silty clay loam, 5 to 9 percent slopes, moderately eroded\Tama Silty clay loam moderately eroded 100%	200	7.0

Management	Vegetation	Yield units	# yield units, #/ac
managements\CMZ 04\c.Other Local Mgt Records\cc paustianb 2015	vegetations\Corn, grain	bushels	195.00
managements\CMZ 04\c.Other Local Mgt Records\cc paustianb 2015	vegetations\Corn, grain	bushels	195.00

Contouring	Strips/barriers	Diversion/terrace, sediment basin	Subsurface drainage	Adjust res. burial level	General yield level	Rock cover, %
b. absolute row grade 3 percent	(none)	(none)	(none)	Normal res. burial	Set by user	0

Outputs:

T value	Soil loss erod. portion	Detachment on slope	Soil loss for cons. plan	Sediment delivery	Net C factor	Net K factor	Crit. slope length	Surf. cover after planting, %
5.0	3.2	3.2	3.2	3.2	0.063	0.37	200	

Date	Operation	Vegetation	Surf. res. cov. after op, %
11/1/0	Manure injector, liquid low disturb.30 inch		93
11/8/0	Chisel, st. pt.		72
4/9/1	Disk, single gang		52
4/9/1	Cultivator, field 6-12 in sweeps, coil tine har		52
4/9/1	Sprayer, pre-emergence		52
4/10/1	planter, double disk opnr	Corn, grain	53
5/29/1	Sprayer, post emergence and fert. tank mix		50
10/20/1	Harvest, killing crop 50pct standing stubble		88
10/22/1	Manure injector, liquid low disturb.30 inch		94
10/31/1	Chisel, st. pt.		72
3/30/2	Disk, single gang		53
3/30/2	Cultivator, field 6-12 in sweeps, coil tine har		53
4/15/2	Sprayer, pre-emergence		51
4/23/2	Planter, double disk opnr	Corn, grain	51
5/28/2	Sprayer, post emergence and fert. tank mix		50
10/20/2	Harvest, killing crop 50pct standing stubble		88

FUEL USE EVALUATION:

Fuel type for entire run	Equiv. diesel use for entire simulation	Energy use for entire simulation	Fuel cost for entire simulation, US$/ac
(none)	13	1800000	0

SCI and STIR Output

Soil conditioning index (SCI)	SCI OM subfactor	SCI FO subfactor	SCI ER subfactor	Avg. annual slope STIR	Wind & irrigation-induced erosion for SCI, t/ac/yr
0.558	1.5	0.023	-0.26	98.7	0

The **SCI** is the **Soil Conditioning Index** rating. If the calculated index is a negative value, soil organic matter levels are predicted to decline under that production system. If the index is a positive value, soil organic matter levels are predicted to increase under that system.

The **STIR** value is the **Soil Tillage Intensity Rating**. It utilizes the speed, depth, surface disturbance percent and tillage type parameters to calculate a tillage intensity rating for the system used in growing a crop or a rotation. STIR ratings tend to show the differences in the degree of soil disturbance between systems. The kind, severity and number of ground disturbing passes are evaluated for the entire cropping rotation as shown in the management description.

USDA NRCS Natural Resources Conservation Service

RUSLE2 Profile Erosion Calculation Record

Shrine W - Paustian

Inputs:

Location	Soil	Slope length (horiz)	Avg. slope steepness, %
USA\Iowa\Scott County	Scott County, Iowa\120C Tama silty clay loam, 5 to 9 percent slopes\Tama Silty clay loam 95%	200	7.0

Management	Vegetation	Yield units	# yield units, #/ac
managements\CMZ 04\c.Other Local Mgt Records\cc paustianb 2015	vegetations\Corn, grain	bushels	200.00
managements\CMZ 04\c.Other Local Mgt Records\cc paustianb 2015	vegetations\Corn, grain	bushels	200.00

Contouring	Strips/barriers	Diversion/terrace, sediment basin	Subsurface drainage	Adjust res. burial level	General yield level	Rock cover, %
b. absolute row grade 3 percent	(none)	(none)	(none)	Normal res. burial	Set by user	0

Outputs:

T value	Soil loss erod. portion	Detachment on slope	Soil loss for cons. plan	Sediment delivery	Net C factor	Net K factor	Crit. slope length	Surf. cover after planting, %
5.0	2.7	2.7	2.7	2.7	0.060	0.32	200	

Date	Operation	Vegetation	Surf. res. cov. after op, %
11/1/0	Manure injector, liquid low disturb.30 inch		94
11/8/0	Chisel, st. pt.		72
4/9/1	Disk, single gang		53
4/9/1	Cultivator, field 6-12 in sweeps, coil tine har		53
4/9/1	Sprayer, pre-emergence		53
4/10/1	planter, double disk opnr	Corn, grain	54
5/29/1	Sprayer, post emergence and fert. tank mix		51
10/20/1	Harvest, killing crop 50pct standing stubble		89
10/22/1	Manure injector, liquid low disturb.30 inch		94
10/31/1	Chisel, st. pt.		73
3/30/2	Disk, single gang		54
3/30/2	Cultivator, field 6-12 in sweeps, coil tine har		54
4/15/2	Sprayer, pre-emergence		52
4/23/2	Planter, double disk opnr	Corn, grain	52
5/28/2	Sprayer, post emergence and fert. tank mix		51
10/20/2	Harvest, killing crop 50pct standing stubble		89

FUEL USE EVALUATION:

Fuel type for entire run	Equiv. diesel use for entire simulation	Energy use for entire simulation	Fuel cost for entire simulation, US$/ac
(none)	13	1800000	0

SCI and STIR Output

Soil conditioning index (SCI)	SCI OM subfactor	SCI FO subfactor	SCI ER subfactor	Avg. annual slope STIR	Wind & irrigation-induced erosion for SCI, t/ac/yr
0.622	1.6	0.023	-0.052	98.7	0

The **SCI** is the **Soil Conditioning Index** rating. If the calculated index is a negative value, soil organic matter levels are predicted to decline under that production system. If the index is a positive value, soil organic matter levels are predicted to increase under that system.

The **STIR** value is the **Soil Tillage Intensity Rating**. It utilizes the speed, depth, surface disturbance percent and tillage type parameters to calculate a tillage intensity rating for the system used in growing a crop or a rotation. STIR ratings tend to show the differences in the degree of soil disturbance between systems. The kind, severity and number of ground disturbing passes are evaluated for the entire cropping rotation as shown in the management description.


N
230TH ST
230TH ST
60TH AVE
60TH AVE
230TH ST
70TH AVE
Paustian Enterprises Ltd.
Y40
Y40
220TH ST
N PLAINVIEW RD
80TH AVE
220TH ST
215TH ST
80
80
0
0.3
0.6
0.9
1.2
Miles


N
130
NEW LIBERTY RD
Maysville
ALLENS GROVE RD
115TH AVE
240TH ST
F45
Y52
SLOPERTOWN RD
230TH ST
60TH AVE
Y40
Paustian Enterprises Ltd.
80
MAYSVILLE RD
Davenport
BUFFALO AVE
20TH AVE
Y30
60TH AVE
N PLAINVIEW RD
200TH ST
F58
W WALCOTT RD
200TH ST
Walcott
70TH AVE
Y40
89TH AVE
0 0.5 1 2 3
Miles

Details of Scoring
The Master Matrix

The DNR field office does a site inspection prior to approving or denying a construction permit application. Counties with a master matrix can accompany DNR staff on the inspection. Find more about construction permits and the master matrix on the DNR website: ***www.iowadnr.gov/afo/.***

Construction Permits

The Master Matrix

The master matrix is a process that the county can choose to participate in, which should result in a proposed confinement feeding operation adhering to higher standards than required by law. A confinement feeding operation required to use the master matrix will likely have increased separation distances to objects and a more conservative manure management plan (MMP). The master matrix is a tool for the county Board of Supervisors to provide input into a proposed confinement feeding operation.

Every year all counties in Iowa have the opportunity to enroll in the master matrix by adopting a Construction Evaluation Resolution. All counties are notified in December to enroll for the following calendar year. Counties that enroll have the responsibility to evaluate the completed master matrix by each construction permit applicant during that year.

Not all permit applications require a master matrix:

- If the county did not enroll for that year, then no master matrix is required.
- If an existing confinement facility is expanding, and the original construction on the site was before April 1, 2002, and the proposed total animal unit capacity after expansion is 1,667 AU or less, then no master matrix is required.

The master matrix consists of 44 criteria which further describe the potential site for the proposed confinement facility. The applicant may qualify for any or all criteria and be awarded points for each criterion. An applicant chooses which criteria they would like to claim points on. An applicant must score an overall minimum point total of 440 points as well as one-fourth of the available point total in three subcategories (Air, Water and Community).

If a construction permit application containing a master matrix is received by the county and the instruction notice is received from the DNR, then the county is required to review and score the master matrix items where points were claimed by the applicant. Some of the criteria require documentation or proof that points can be claimed by the applicant. It is the duty of the county to examine the documentation while scoring the master matrix. The county Board of Supervisors may select a representative of the county (zoning official, sanitarian, county engineer or supervisor, etc.) to review and score the master matrix. The county may elect to review and score the master matrix as a group. Scoring the master matrix will require time and effort.

The county may elect to review the master matrix using the documentation (e.g. maps) submitted by the applicant or the county may choose to use computer mapping programs to verify distances claimed by the applicant or measure and confirm any distances at the site survey. The local DNR field office will notify the county representative prior to conducting the site survey. This usually occurs within 30 days of the DNR receiving the application. During the site visit, DNR staff will verify the separation distances required by state law for all construction permit applications.

The county designee may accompany the local DNR field office during the site survey to verify additional matrix separation distances claimed by the applicant.

It is the county's obligation to verify the additional distances claimed by applicant in the matrix and verify objects such as a business or residence. Some master matrix items may require the county to search websites for information while other items may simply require the county to review documentation provided by the applicant and either agree or disagree on the content.

It is the county's obligation to score the matrix in a professional manner. The scoring must be objective. Evaluate and score all matrix items where the applicant claimed points. Award appropriate points for each matrix item where the applicant claimed points. Conversely, deny or reduce points only when you have a reason, e.g., distance error, lack of sufficient documentation such as a design, operation and maintenance plan.The county should not award or deny points arbitrarily. The county cannot award points for items the applicant did not score.

Find a blank copy of the master matrix on the DNR website at www.iowadnr.gov/Environment/LandStewardship/AnimalFeedingOperations/Confinements/ConstructionRequirements/Permitted/MasterMatrix.aspx

Counties may print this copy, fill out the county's scores, submit it to the DNR. The county should also submit its recommendation, proof of publication and any documentation on specific master matrix items that are denied or challenged.

County Approval

If the county agrees with the master matrix scoring as submitted by the applicant or scores the matrix with a passing score, the county must still submit to the DNR a recommendation to approve or disapprove the construction permit application.

The DNR shall preliminarily approve the construction permit application provided the application and siting of the building(s) comply with the requirements of Chapter 567 IAC 65 and Iowa Code Chapter 455B. If the construction application does not meet the requirements of Chapter 567 IAC 65 and Iowa Code Chapter 455B, regardless of the outcome of the master matrix, the DNR shall preliminarily disapprove the permit application.

Failing Score on Matrix

If the county's scoring results in a failing score of the master matrix then the county must still submit to the DNR a recommendation to approve or disapprove the construction permit application.

The DNR shall preliminarily disapprove the application if the construction application does not meet the requirements of state law (Chapter 567 Iowa Administrative Code 65 and Iowa Code Chapter 455B, regardless of the county's scoring of the master matrix. If the application meets the requirements of state law, the DNR will conduct an independent evaluation of the master matrix points claimed by the applicant. If the DNR's evaluation shows an acceptable score, the DNR shall preliminarily approve the application. If the DNR's evaluation indicated the score is unacceptable, the DNR shall preliminarily disapprove the application.

Appeals

Both the applicant and county may contest a preliminary decision to approve or disapprove the construction permit application by demanding a hearing with the state Environmental Protection Commission. The preliminary permit and preliminary denial letter will contain specific instructions for appeal.

Final Decision

A preliminary approval or disapproval becomes final after 14 days if no appeal is submitted.

Important Links

DNR Animal Feeding Operations
www.iowadnr.gov/afo/

Iowa State Association of Counties
www.iowacounties.org/News/Topics%20of%20Interest/Matrix%20Information/NewMasterMatrix.htm

Questions: Call Gene Tinker at 563-927-2640 or 515-210-1593, or email Kristi Harshbarger at kharshbarter@iowacounties.org.

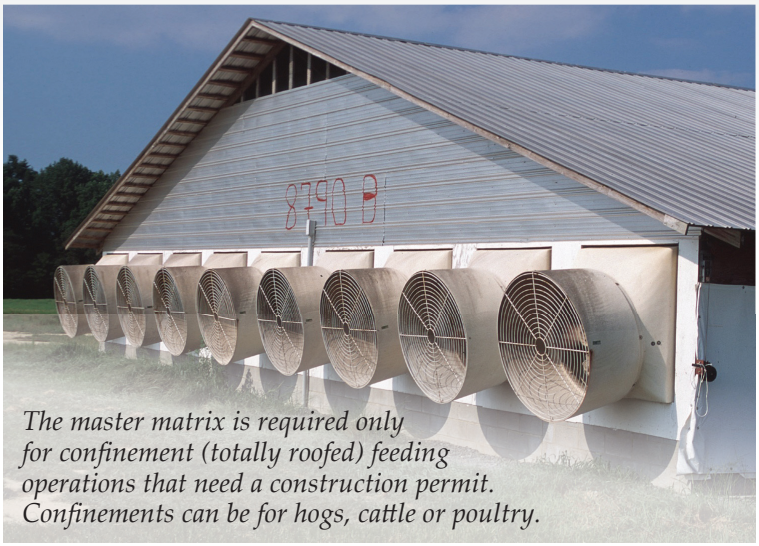
Iowa DNR Field Offices

Northeast | Manchester | 563-927-2640
North central | Mason City | 641-424-4073
Northwest | Spencer | 712-262-4177
Southwest | Atlantic | 712-243-1934
South central | Des Moines | 515-725-0268
Southeast | Washington | 319-653-2135

2002 revised November 2012

Construction Permit Applications and the Master Matrix

ENVIRONMENTAL SERVICES DIVISION | WWW.IOWADNR.GOV



The master matrix is required only for confinement (totally roofed) feeding operations that need a construction permit. Confinements can be for hogs, cattle or poultry.

Construction Permits

The Application

This fact sheet is designed to assist county supervisors as they process construction permit applications for confinement feeding operations, especially those using the master matrix. The state of Iowa requires construction permits for confinement animal feeding operations of 1,000 animal units (AU) or more. As an example 1,000 AU is 2,500 head of finishing swine, 1,000 head of beef cattle or 100,000 broiler chickens. The construction permit applicant must deliver, either in person or by certified mail, a copy of the complete permit application to the county.

Counties are required by law to perform some actions regarding the proposed application. A complete permit application should include the construction permit application form, a construction design statement (CDS) or Professional Engineer (P.E.) certification form, a manure management plan (MMP) and master matrix, if applicable.

County Responsibilities

When the applicant delivers the application, the county needs to perform the following steps:

1) Document: Review the application to be sure all the components of the application are included as checked off on the County Receipt form. Time and date stamp the application. Sign and date the County Verification of Receipt form. The applicant is responsible for sending this receipt along with their application to the Iowa Department of Natural Resources (DNR).

2) Provide Public Notice: The DNR logs in the project after formally receiving the construction permit application and the completed County Verification of Receipt form. The DNR then sends a notice to the county by fax and email with instructions to the county. If the application is incomplete, the DNR will request additional material from the applicant.

If there are significant changes, the DNR will request a new county receipt. In this case, several weeks may pass before the DNR sends out the notice to the county. (See sample notice.)

All counties must publish a public notice in the paper, regardless if the master matrix was adopted or not. Publish the notice after the DNR sends an official instruction notice to the county. The DNR's notice will include a sample public notice and provide due dates for completing actions. The county will need to act quickly because public notice is required within 14 days of the county receiving the DNR's official instruction notice. The public notice must include all of the following:

a) The name of the person applying to receive the construction permit.

b) The name of the township where the confinement feeding operation structure is proposed.

c) Each type of confinement feeding operation structure proposed.

d) The animal unit capacity of the confinement feeding operation if the construction permit is approved.

e) The time and place where the public may examine the application as provided in Iowa Code section 22.2 (the Public Records Law).

f) Procedures for providing public comments to the board as provided by the board.

3) Score the Master Matrix: Each year every county has the opportunity to adopt a "construction evaluation resolution" allowing the county to actively participate in the construction permit application process. The resolution is commonly referred to as the master matrix. The

master matrix is a list of additional conditions that an applicant can choose from in order to receive points. The applicant must have 440 out of 880 available points, with one-fourth of the points in three categories in order to obtain a permit. The conditions are intended to lessen the potential impact of the confinement facility to the surrounding area.

The county is required to score the master matrix items claimed by the applicant to see if the claimed points appear acceptable. See the DNR fact sheet "Details of Scoring the Master Matrix " for a more comprehensive master matrix discussion.

4) Visit the Site: The local DNR field office will contact the county designee and invite them to the site survey at the proposed site. This usually occurs within 30 days of the DNR receiving the application. During the site visit, DNR staff will verify the required separation distances.

5) Keep a Copy for Public Inspection: Keep a copy of the construction permit application on file for public inspection. The application includes the manure management plan and the master matrix.

6) Provide Proof of Publication: If the proposed project does not require a master matrix, then only a proof of publication must be sent to the DNR.

Send a copy of the proof of publication to:

Paul Petitti
Iowa DNR
1900 N Grand Avenue
Gateway N, Suite E17
Spencer, IA 51301
Phone: 712-262-4177
Fax: 712-262-2901
Paul.Petitti@dnr.iowa.gov

7) Provide a Public Hearing (optional): The county may hold a public hearing for any permit application (master matrix or non-master matrix project). The time and place should be on the public notice. The county may submit any comments from the public hearing to the DNR.

8) Make a Recommendation: On a master matrix project, the county must submit its recommendation to either approve or disapprove the permit application. This recommendation is independent of the county's master matrix scoring. More information can be found in the DNR fact sheet "Details of Scoring the Master Matrix."

9) Submit to the DNR: The county must submit the following documents to the DNR's Paul Petitti at the address listed above within 30 days of the county receiving the DNR official instruction notice. It must be received by the DNR (not just postmarked) within the 30-day time limit:

a) The written county recommendation to approve or disapprove the permit application, regardless of the master matrix scoring.

b) The board's scoring of the matrix along with documentation and justification if points are denied. If the county agrees with the scoring submitted by the applicant, a sentence to that effect is acceptable and no matrix scoring needs to be submitted.

c) The proof of publication.

d) The county may also submit any other relevant documents, including those received by interested parties.

Once all materials are received, the DNR begins reviewing the construction permit application. Find more information on the DNR website.

Important Links	Iowa DNR Field Offices
DNR Animal Feeding Operations www.iowadnr.gov/afo/ Iowa State Association of Counties www.iowacounties.org/News/Topics%20of%20Interest/Matrix%20Information/NewMasterMatrix.htm Questions: Call Gene Tinker at 563-927-2640 or 515-210-1593, or email Kristi Harshbarger at kharshbarter@iowacounties.org.	**Northeast** | Manchester | 563-927-2640 **North central** | Mason City | 641-424-4073 **Northwest** | Spencer | 712-262-4177 **Southwest** | Atlantic | 712-243-1934 **South central** | Des Moines | 515-725-0268 **Southeast** | Washington | 319-653-2135

2002 revised November 2012

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY THE BOARD OF SUPERVISORS ON _____.
DATE

_____
SCOTT COUNTY AUDITOR

RESOLUTION
SCOTT COUNTY BOARD OF SUPERVISORS
June 1, 2017
ADOPTING A RECOMMENDATION TO THE IOWA DEPARTMENT OF NATURAL RESOURCES TO APPROVE THE CONSTRUCTION PERMIT APPLICATION OF PAUSTIAN ENTERPRISES LTD. FOR THE EXPANSION OF AN EXISTING CONFINED ANIMAL FEEDING OPERATION IN SECTION 19 OF HICKORY GROVE TOWNSHIP

BE IT RESOLVED by the Scott County Board of Supervisors as follows:

Section 1. Paustian Enterprises Ltd. in the NE ¼ SE ¼ of Section 19, T79N, R2E (Hickory Grove Township) has submitted an application to the Iowa Department of Natural Resources (IDNR) for a construction permit for the expansion of an existing confined animal feeding operation at 22444 70th Avenue in unincorporated Scott County.

Section 2. The Scott County Health Department and the Scott County Planning and Development Department have reviewed the construction permit application and the manure management plan and determined that both appear to be in compliance with the requirements of the Master Matrix, Iowa Code Section 459 and Iowa DNR rules.

Section 3. The Scott County Board of Supervisors has determined that there are not any additional objects or locations not included in the application that are within the required separation distances, the soils and hydrology of the site appear to be suitable for the proposed expansion, and the applicant has adequate land for the application of manure originating from this confinement feeding operation available.

Section 4. The Scott County Board of Supervisors published public notice of the receipt of said application, accepted written and electronic comments on the application and held a public hearing on May 18, 2017 during its regularly scheduled meeting to receive public comments on the application.

Section 5. The Scott County Board of Supervisors will submit to the Iowa DNR the written reports it received from the Scott County Planning and Development and Health Departments on which its determination is based, and the documentation of publication of the required public notices. The Board will also submit all the written or electronic comments from the general public it received on this application.

Section 6. The Scott County Board of Supervisors would recommend that the construction permit application of Paustian Enterprises Ltd. be approved based on its compliance with the requirements of the Master Matrix, Iowa DNR rules and Iowa Code regulations for such applications.

Section 7. This resolution shall take effect immediately.

Facility and Support Services
600 West 4th Street
Davenport, Iowa 52801-1003
fss @ scottcountyiowa.com
(563) 326-8738 Voice (563) 328-3245 Fax

May 19, 2017

To: Mahesh Sharma
County Administrator

From: Tammy Speidel, Director
Facility and Support Services

Subj: Award of Construction Contract- Courthouse Pedestrian Walkway and Parking Lot Improvement Project

As you know, FSS staff, along with Mark Miller, Bracke-Hayes-Miller-Mahon, Architects has been working on plans and specifications for the Courthouse Pedestrian Walkway and Parking Lot Improvement Project.

Bids for this project were due back and received at a public bid opening on May 18, 2017 2:00 p.m. Although seven Construction Companies requested and received plans, only two bid the project; those results are listed below:

COMPANY	BASE BID	ALTERNATE 1	TOTAL
Estes Company	$452,150.00	$16,500.00	$468,650.00
Treiber Construction	$471,067.00	$13,002.00	$484,069.00

The work for bid alternate 1 is to correct the issue with water in the sloped area at the north side of the Juvenile detention Center.

Total budgeted amount for this project was $675,000.00. I recommend moving forward with both the base and alternate bids.

I have attached the Architect's recommendation letter for your review.

I will be at the next Committee of the Whole to answer any questions you or the Board may have.

Cc: Jeremy Kaiser
FSS Management Team

Bracke . Hayes . Miller . Mahon, Architects LLP

Planning • Architecture • Interior Design • Engineering

May 18, 2017

Ms. Tammy Speidel
Scott County
600 W. 4th Street
Davenport, IA 52801

RE: Scott County Courthouse Pedestrian Walkway
and Parking Lot Improvement Project
Project No. 1620

Dear Tammy:

Today we opened bids for the pedestrian walkway and parking lot improvement project at the courthouse. There were two bids received. Seven companies looked at the project. Estes Company of Davenport was the low bidder at $452,150. I spoke with Terry Grabosch of Estes and she had no problems with their bid and felt that they could provide a proper and complete job.

While we received only two bids, the bids are close to each other (approx. 4% apart) and we know both contractors well and respect their capabilities. Therefore, we do not see a problem with viewing both bids as responsive to the project.

We have worked with Estes Company on numerous jobs and have no difficulty in recommending them for this project. Therefore we would recommend to Scott County that they approve Estes' base bid in the amount of $452,150. Estes' bid for the alternate to do the access work in the JDC lower level was for an add of $16,500. If the County accepts the alternate, the total contract to Estes Company would be in the amount of $468,650.

If you have any questions or need additional information, please feel free to call.

Sincerely,

BRACKE-HAYES-MILLER-MAHON, ARCHITECTS, LLP

Mark D. Miller, AIA, LEED-AP
MDM/mld

1465 41st Street
Moline, Illinois 61265
309.762.0511
309.762.6352 fax

1315 East 11th Street
Davenport, Iowa 52803
563.323.8484

bhmm@bhmmarchitects.com

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY THE BOARD OF SUPERVISORS ON _____.
DATE

SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

June 1, 2017

A RESOLUTION APPROVING THE BID AND AWARDING THE CONTRACT FOR THE COURTHOUSE PEDESTRIAN WALKWAY AND PARKING LOT IMPROVEMENT PROJECT TO ESTES COMPANY IN THE TOTAL AMOUNT OF $468,650.00.

BE IT RESOLVED BY the Scott County Board of Supervisors as follows:

Section 1. That the base bid for the Courthouse Pedestrian Walkway and Parking Lot Improvement Project construction is accepted and the contract is awarded to Estes Company in the amount of $452,150.00.

Section 2. That bid alternate one for work at the north side of the Juvenile Detention Center in the amount of $16,500.00 is accepted and approved.

Section 3. That the Director of Facility & Support Services is hereby authorized to execute contract documents on behalf of the Scott County Board of Supervisors.

Section 4. This resolution shall take effect immediately.

Scott County Health Department
600 W. 4th Street | Davenport, IA 52801-1030 | P. 563-326-8618 | F. 563-326-8774
health@scottcountyiowa.com | www.scottcountyiowa.com/health

May 12, 2017

To: Mahesh Sharma, County Administrator
From: Edward Rivers, Director

RE: FY18 County Agreement with the Center for Alcohol & Drug Services, Inc.

Attached you will find copies of the FY18 Agreement with the Center for Alcohol & Drug Services, Inc. for the Board of Supervisors approval and signature.

The FY18 Agreement includes funds for three different services:

$295,432.00	Detoxification, Evaluation, and Treatment Services
$198,000.00	Inmate Substance Abuse Treatment and Criminal Justice Client Case Management
$154,899.00	Jail Based Assessment and Treatment

An additional agreement that addresses the county and state prevention dollars will be presented for approval signature at a later date, following the Iowa Department of Public Health's notification of grant funding in June.

I ask that this Agreement be placed on the May 30, 2017 Committee of the Whole Agenda.

BOARD OF SUPERVISORS
600 West Fourth Street
Davenport, Iowa 52801-1030

Office: (563) 326-8749
E-Mail: board@scottcountyiowa.com

Date: July 1, 2017 **Agreement #:** SCAA-CADSCO18

Agreement Parties:	Scott County 600 West 4th Street Davenport, IA 52801	Center for Alcohol & Drug Services, Inc. P.O. Box 909 Bettendorf, IA 52722

Agreement Amount:
$295,432.00 Detoxification, Evaluation, and Treatment Services
$198,000.00 Inmate Substance Abuse Treatment and Criminal Justice Client Case Management
$154,899.00 Jail Based Assessment and Treatment

Purpose: Provision of substance abuse evaluation, treatment, and aftercare services to residents of Scott County and inmates of Scott County Jail.

Agreement Period: This Agreement shall commence on July 1, 2017 and shall continue in full force and effect until June 30, 2018, unless either party wishes to terminate this agreement and provides the other party a written (90) day notice of termination.

Center for Alcohol & Drug Services, Inc. agrees to perform the work and to provide the services described in the Agreement for the consideration herein. The parties hereto have executed this contract on the day and year last specified below.

For and on behalf of the Scott County Board of Supervisors:

By:_____
Carol Earnhardt, Chairperson

For and on behalf of Center for Alcohol & Drug Services, Inc. Board of Directors

By:_____
Al Dieter, President

ATTEST:

Roxanna Moritz
Scott County Auditor

I. Identification of Parties

A. The Chairperson of the Scott County Board of Supervisors is the Authorized County Official for this Agreement. The Authorized County Official must approve any changes in the terms, conditions, or amounts specified in this agreement. Negotiations concerning this agreement should be referred to the Chairperson at telephone (563) 326-8749 or board@scottcountyiowa.com. The Scott County Board of Supervisors hereinafter will be referred to as Scott County.

B. The President of the Board of Directors is the Authorized Center for Alcohol & Drug Services, Inc. Official for this Agreement. This individual is responsible for financial and administrative matters of this agreement. Negotiations concerning this agreement should be referred to the President at telephone (563) 332-8974. The Center for Alcohol and Drug Services, Inc. hereinafter will be referred to as CADS.

II. Term of Agreement

A. The effective date and initial term of this Agreement shall begin on July 1, 2017 and shall continue until June 30, 2018. If either party wishes to terminate this agreement, said party shall deliver to the other party a ninety (90) day written notice of termination.

B. This agreement may be amended in whole or in part, by mutual consent of the parties, provided that no such amendment shall become effective unless in writing and properly executed by the parties.

III. Scope of Services

A. Treatment of Substance Abuse Dependency Problems for Scott County Residents

1. Through this agreement, CADS agrees to provide evaluation, detoxification services, and treatment of substance abuse (alcohol and drug) dependency problems for Scott County residents on a sliding fee scale.
2. CADS agrees to provide a sufficient number of beds to meet any and all detoxification needs of Scott County residents.
3. CADS agrees to exempt clients referred by the Scott County Community Services Department from the fee schedule.
4. CADS agrees to provide social (non-medical) detoxification services (acute residential).

B. Treatment of Substance Abuse Dependency Problems for Inmates of Scott County Jail and Case Management of Criminal Justice Clients

1. CADS agrees to work collaboratively with the Scott County Jail, Correctional Services, and the Courts in Scott County to provide an integrated substance abuse program that diverts inmates from jail into

treatment, protects the interests of the community and provides a positive impact on the participants.

2. CADS agrees to provide services to inmates of the Scott County Jail that are consistent with the client's needs.
3. CADS agrees to have available, at minimum, an aggregate of four (4) beds in (a) non-secure residential setting(s) for the placement of inmates or potential inmates into treatment.
4. CADS agrees to make appropriate placements into halfway house and outpatient programs for said inmates that successfully progress from residential treatment.
5. Placements will be determined through the use of American Society of Addiction Medicine (ASAM) placement and continued stay criteria.
6. CADS agrees to provide case management services for criminal justice clients (referred from the Scott County Jail, the Courts, or other alternative programs).
7. Said services to include four full-time professional case management staff that provide the following services:
    a. Court, jail, and criminal justice liaison activities
    b. Placement screening
    c. Transition planning
    d. Referrals into other CADS programs and community resources
    e. Client follow-up
    f. Data collection
    g. Other duties pertaining to client and program success.

C. Jail-Based Treatment of Substance Abuse Dependency Problems for Inmates of Scott County Jail

1. CADS agrees to provide services to inmates of the Scott County Jail that are consistent with the client's needs.
2. CADS agrees to make appropriate placements into halfway house and outpatient programs for said inmates that successfully progress from residential treatment.
3. Placements will be determined through the use of American Society of Addiction Medicine (ASAM) placement and continued stay criteria.
4. CADS agrees to provide case management services for criminal justice clients (referred from the Scott County Jail, the Courts, or other alternative programs).

IV. Manner of Financing

A. Treatment of Substance Abuse Dependency Problems for Scott County Residents

1. Scott County will provide $295,432.00 to CADS payable in eleven (11) monthly installment of $24,620 and one installment of $24,612.00. Each installment shall be made available on the day following the first monthly meeting of the Scott County Board of Supervisors.
2. Scott County and CADS each acknowledge that the annual payment specified on the cover sheet for treatment includes a limited

supplemental appropriation for intermediate and long-term residential services and outpatient services provided by CADS.

B. Treatment of Substance Abuse Dependency Problems for Inmates of Scott County Jail and Case Management of Criminal Justice Clients

1. Scott County will provide $198,000.00 to CADS payable in twelve (12) monthly installment of $16,500.00. Each installment shall be made available on the day following the first monthly meeting of the Scott County Board of Supervisors.
2. The above funding will supplement other sources and allow for a more intensive and flexible program of treatment.
3. Wherever possible, CADS will provide said services using traditional funding sources such as State reimbursement for substance abuse, individual insurance reimbursements, or other available funding sources.

C. Jail-Based Treatment of Substance Abuse Dependency Problems for Inmates of Scott County Jail

1. Scott County will provide $154,899 to CADS payable in twelve (12) monthly installments of $12,908.25. Each installment shall be made available on the day following the first monthly meeting of the Scott County Board of Supervisors.
2. CADS will maintain a detailed accounting of monthly expenses relating to the jail-based treatment services for Scott County to review upon request.

D. Scott County and CADS each acknowledge that the payments herein to be made are to supplement and not supplant other available sources of income to CADS, such as fees collected for services provided to individual patients.

E. CADS shall not transfer between programs the total annual funds allotted to each program as specified in the Scott County budget submission, without prior Scott County approval of such transfers.

V. Liability and Indemnification

A. Scott County shall be named as an additional insured under the comprehensive liability policy maintained by CADS and providing minimum coverage of $1 million. A copy of the certificate of insurance shall be on file in the Office of the County Administrator.

B. CADS shall hold harmless from and indemnify Scott County against all claims, suits, actions, costs, attorney fees, expenses, damages, judgments, or decrees, incurred by any reason of any person or persons or property being damaged or injured by CADS or any agent or employee of CADS.

VI. Reports

A. CADS agrees to submit the following reports to Scott County:

1.	Copy of Iowa Department of Public Health Substance Abuse License and Review Summary (conducted every 3 yrs)	Annually at the time of renewal
2.	A revised budget estimate and program performance projections if different from the original request.	Within thirty (30) days of signing of this agreement
3.	First quarter outcomes:	October 27, 2017
4.	Second quarter outcomes:	January 29, 2018
5.	Third quarter outcomes:	April 27, 2018
6.	Fourth quarter outcomes:	August 31, 2018
7.	Audit report by Certified Public Accountant:	120 days from the end of the agency's fiscal year

8. Minutes, or a summary of, the monthly meetings of the CADS Board of Directors as requested.
9. Notification of any significant changes in funding, salary levels, staffing or programming; including the expansion of existing programs, addition of staff positions or the addition of any new funding source and/or program in a timely manner.
10. All of CADS financial and statistical records will be open to Scott County for review upon request.

VII. Additional Conditions

A. CADS shall comply with all applicable laws and regulations pertaining to its operation, and shall not discriminate in providing services on the basis of race, color, creed, national origin, sex, handicapping conditions or religious affiliation.

B. None of the funds provided through this Agreement shall be used for any partisan political activity nor shall they be used to further the election of any candidate for political office.

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY THE BOARD OF SUPERVISORS ON _____.
DATE

SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

June 1, 2017

APPROVAL OF FY2018 CONTRACTUAL AGREEMENT BETWEEN THE CENTER FOR ALCOHOL & DRUG SERVICES, INC. (CADS) AND SCOTT COUNTY

BE IT RESOLVED BY the Scott County Board of Supervisors as follows:

Section 1. That the FY2018 Contractual Agreement between the Center for Alcohol & Drug Services, Inc. (CADS) and Scott County is hereby approved for service areas as follows:

Detoxification, Evaluation and Treatment	$295,432
Inmate Substance Abuse Treatment and Criminal Justice Client Case Management	$198,000
Jail Based Assessment and Treatment	$ 154,899

Section 2. That the chairman is hereby authorized to sign said agreement.

Section 3. This resolution shall take effect immediately.

Scott County Health Department
600 W. 4th Street | Davenport, IA 52801-1030 | P. 563-326-8618 | F. 563-326-8774
health@scottcountyiowa.com | www.scottcountyiowa.com/health

May 22, 2017

To: Mahesh Sharma, County Administrator
From: Edward Rivers, Director

RE: Request to Increase Medical Examiner Fees for Follow-up Documentation

Attached you will an amended fee schedule for Medical Examiner services.

The Memorandum of Agreement signed by the Board of Supervisors and the Medical Examiner for the current period of appointment contained a schedule which established a fee for follow-up documentation by the Medical Examiner and Deputy Medical Examiner when a Medical Examiner Investigator performs the field investigation and forwards the information to the Medical Examiner. Since the use of Medical Examiner Investigators on the schedule had not previously been employed, this fee was based on models found in similar contracts in other areas.

After several months of experience, Dr. Barbara Harre has indicated that the fee does not properly compensate the Medical Examiner and Deputy Medical Examiner for the follow-up work required, and requests an increase to $205 for the Medical Examiner, and $185 for Deputy Medical Examiners. The total fee for work by the Medical Examiner, Deputy Medical Examiner, and Medical Examiner Investigators per case will thus equal the fee paid when the Medical Examiner and Deputy Medical Examiners handle the entire case.

I ask that this amended fee schedule be placed on the May 30, 2017 Committee of the Whole Agenda.

Appendix A

Scott County Medical Examiner Fee Schedule
June 2017-December 2018

Service	Fee per Case
Investigation by Medical Examiner	$280
Investigation by Deputy Medical Examiner	$260
Investigation by Medical Examiner Investigator	$75
Case follow-up by Medical Examiner~~/Deputy Medical Examiner~~ following investigation by Medical Examiner Investigators	~~$100~~$205
Case follow-up by Deputy Medical Examiner following investigation by Medical Examiner Investigators	$185

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY THE BOARD OF SUPERVISORS ON _____.
DATE

SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

June 1, 2017

APPROVAL OF AMENDED FEE SCHEDULE FOR MEDICAL EXAMINER SERVICES

BE IT RESOLVED BY the Scott County Board of Supervisors as follows:

Section 1. That the amended Scott County Medical Examiner Fee Schedule effective through December 2018 is hereby approved.

Section 2. That the chairman is hereby authorized to sign said agreement.

Section 3. This resolution shall take effect immediately.

Community Services Department
600 West 4th Street
Davenport, Iowa 52801

(563) 326-8723 Fax (563) 326-8730

May 22, 2017

To: Mahesh Sharma

From: Lori A. Elam

Re: Approval of Tax Suspension Request

The County has received the following tax suspension request to have property taxes currently owed suspended as follows:

REQUESTED SPECIAL ASSESSMENT SUSPENSION:

Sara McDaniel
6030 Fossen Drive
Davenport, IA 52802

Suspend: The 2016 special assessments due in September 2016 in the amount of $203.85 including interest.

The applications meet the Board Suspension Policy requirements. It is recommended that the Board suspend the taxes at their next Board meeting.

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY THE BOARD OF SUPERVISORS ON _____.
DATE

SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

June 1, 2017

SUSPENDING THE 2016 SPECIAL ASSESSMENTS DUE IN SEPTEMBER 2016 FOR SARA MCDANIEL, 6030 FOSSEN DRIVE, DAVENPORT, IOWA, IN THE AMOUNT OF $203.35 INCLUDING INTEREST. (RECEIPT NUMBER 055271 $68.73, RECEIPT NUMBER 061775 $67.31, AND RECEIPT NUMBER 067379 $67.31)

BE IT RESOLVED by the Scott County Board of Supervisors as follows:

Section 1. The 2016 special assessments due in September 2016 for Sara McDaniel, 6030 Fossen Drive, Davenport, Iowa, in the amount of $203.35 including interest are hereby suspended. (Receipt Number 055271 $68.73, Receipt Number 061775 $67.31, and Receipt Number 067379 $67.31)

Section 2. The County Treasurer is hereby directed to suspend the collection of the above stated special assessments thereby establishing a lien on said property as required by law with future collection to include statutory interest, if any.

Section 3. This resolution shall take effect immediately.

Community Services Department
600 W. 4th St.
Davenport, Iowa 52801

(563) 326-8723 Fax (563) 326-8730

May 22, 2017

To: Mahesh Sharma

From: Lori A. Elam

Re: Approval of Tax Suspension Request

The County has received a tax suspension request to have the property taxes currently owed suspended as follows:

REQUESTED TAX SUSPENSION:

Sharon Bogosian
2918 Jefferson Avenue
Davenport, IA 52803

Suspend: The second half of the 2015 property taxes due in March 2017 in the amount of $2318.00 including interest.

The application meets the Board Suspension Policy requirements. It is recommended that the Board suspend these taxes at their next Board meeting.

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY THE BOARD OF SUPERVISORS ON _____.
DATE

SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

June 1, 2017

SUSPENDING THE SECOND HALF OF 2015 PROPERTY TAXES DUE IN MARCH 2017 FOR SHARON BOGOSIAN, 2918 JEFFERSON AVENUE, DAVENPORT, IOWA IN THE AMOUNT OF $2318.00 INCLUDING INTEREST.

BE IT RESOLVED by the Scott County Board of Supervisors as follows:

Section 1. The second half of the 2015 property taxes due in March 2017 for Sharon Bogosian, 2918 Jefferson Avenue, Davenport, Iowa in the amount of $2318.00 including interest are hereby suspended.

Section 2. The County Treasurer is hereby directed to suspend the collection of the above stated taxes thereby establishing a lien on said property as required by law with future collection to include statutory interest, if any.

Section 3. This resolution shall take effect immediately.

INFORMATION TECHNOLOGY
400 West Fourth Street
Davenport, Iowa 52801-1104

Ph: (563) 328-4100 Fax: (563) 326-8669
www.scottcountyiowa.com

May 23, 2017

To: Mahesh Sharma, County Administrator

From: Matt Hirst, Information Technology Director

Subject: GovDelivery Subscription Renewal

GovDelivery service subscription is due for renewal. GovDelivery is a managed email notification subscription service utilized by the County since 2010 to communicate to citizens. Citizens subscribe to topics that they want to be notified about when new content in available from the County. Subscribers can add or remove themselves from topics. County staff uses the GovDelivery system to automate sending informational notices.

Currently, the County provides information on over fifty (50) topics to approximately eleven thousand (11,000) subscribers and over twenty-one thousand (21,000) subscriptions. The notification system is utilized by the Auditor, Board, Sheriff, and Treasurer Offices as well as Assessor, Community Services, Conservation, Health, Human Resources, and Planning and Development Departments and averages approximately thirty (30) monthly bulletins.

The quote summary from GovDelivery is as follows:

Product	Total
GovDelivery Subscription	
- **Service for FY'18**	**$ 10,126.34**
- **Service for FY'19**	**$ 10,430.13**
Total	**$ 20,556.47**

It is recommeded that the Board authorize the IT Director to sign a two (2) year service agreement with Granicus for GovDelivery in the amount of $20,556,47.

Budget dollars are available in the Information Technology Department operational budget to fund the costs of this contract.

Notes:

- GovDelivery subscription costs were $9,831.40 in FY'17.

Cc: Mitch Tollerud, Webmaster

Encl: (1)

Granicus Presents GovDelivery

Renewal Proposal to Scott County, Iowa

CAPABILITIES OVERVIEW

Communications are at the foundation of the citizen experience. Government organizations are increasingly challenged with reaching their audiences at a scale and time that matters. Government organizations are quickly recognizing the need to re-strategize citizen service offerings to address rising expectations around speed, relevancy, and convenience. In a connected and customer-centric world, meeting audience needs at every step of the way requires technology that is built to drive awareness, increase involvement, and transform services.

GovDelivery provides government organizations with the tools they need to inform, engage, and convert audiences to action with a singular, cloud-based application: the GovDelivery Communications Cloud (the Cloud). Enhanced by the proprietary GovDelivery Network and additional services which complement one another, the Cloud provides government organizations with a digital communications service which allows website visitors to subscribe for information that is important to them. GovDelivery users leverage the Cloud to develop and disseminate content to the public, enabling government organizations to effectively, efficiently, and economically serve stakeholders worldwide.

The result for over 1,800 government organizations using GovDelivery is safer lives, happier commuters, healthier families, and better government. Reach audiences, engage them through relevant outreach channels, and convert them to action.

ADDITIONAL CAPABILITIES AND SERVICES

- FedRAMP Enhancement
- Advanced Cloud Module
- GovDelivery Connect
- SMS Messaging
- Targeted Messaging
- Interactive Text Messaging
- Digital Engagement Services
- GovDelivery Open Data
- GovDelivery Learning

DIFFERENTIATORS

- GovDelivery offers a FedRAMP compliant digital cloud communications platform and has gained multiple additional federal and international security certifications
- The platform is designed for government organizations and ensures uncompromised, industry leading message deliverability and robust automation tools
- The GovDelivery Network of more than 130 million digitally engaged citizens helps government organizations connect with one another, cross-promote content, and drive massive audience growth

Granicus Presents GovDelivery
Renewal Proposal to Scott County, Iowa

SUBSCRIPTION DETAILS

PERIOD OF PERFORMANCE

Current subscription ends: 7/6/2017
Renewal period: 7/7/2017 - 7/6/2019
The subscription will automatically renew at the end of the term for another period of twelve months. Either party may notify the other in writing at least 30 days prior to renewal that it does not wish to renew.

PROCUREMENT

Procurement method: Direct

SCOPE AND TERMS

Scope: Scott County, Iowa (Scott County)
The subscription includes the following domain(s) and sub-domain(s): http://www.scottcountyiowa.com/

Terms: http://www.govdelivery.com/pdfs/subscription-agreement.pdf

SOLUTION INCLUSIONS

COMMUNICATIONS CLOUD

The Cloud is a Software-as-a-Service (SaaS) solution that enables government organizations to connect with more people. By leveraging the Cloud, Scott County will be able to utilize a number of different outreach mediums, including email, SMS/text messages, RSS feeds, and social media integration to connect with its target audiences.

INCLUSIONS:

- Unlimited email sends with industry-leading delivery and management of all bounces
- Support to upload and migrate existing email lists
- Access to participate in the GovDelivery Network
- Ability to send mass notifications to multiple devices
- 24/7 system monitoring, email and phone support during business hours, auto-response to inbound messages from end users, and emergency support
- Up to 2 Web-hosted training sessions annually
- Up to 50 administrators
- Access to existing Web-based recorded trainings around standard account functions and capabilities
- Up to 1 GovDelivery account(s)
- Access to a complete archive of all data created by Scott County for 18 months (rolling)
- Up to 3 hours of message template and integration development
- Up to 100 subscription topics
- Up to 100,000 SMS/text messages per year from a shared short code within the United States (International numbers are not supported) SMS/text messages not used in the Period of Performance will not carry over to the following year

PRICING

SOLUTION TITLE:	ANNUAL FEE:	TOTAL:
Communications Cloud Year 1 *Period of Performance 7/7/2017 – 7/6/2018*	$10,126.34	$10,126.34
Communications Cloud Year 2 *Period of Performance 7/7/2018 – 7/6/2019*	$10,430.13	$10,430.13
Total Price for Two Year Period of Performance:		**$20,556.47**

CONSIDERATIONS

- All fees are due at the beginning of the Period of Performance. Any lapse in payment may result in suspension of service and will require the payment of a setup fee to reinstate the subscription.
- This proposal is exclusive of applicable state, local, and federal taxes, which, if any, will be included in the invoice. It is Scott County's responsibility to provide applicable exemption certificate(s).
- Annual increases for the same service(s) shall not exceed ten percent (10%).

AGREEMENT AND ACCEPTANCE

By signing this proposal, the undersigned certifies they have authority to enter the agreement. The undersigned also understands the services and terms.

SCOTT COUNTY		BILLING INFORMATION	
Signature:	_____	Name:	_____
Name:	_____	Phone:	_____
Title:	_____	Email:	_____
Date:	_____	Address:	_____
			_____

POINT OF CONTACT

GovDelivery Client Success | E: clientsuccess@govdelivery.com | P: (651) 925-5797

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY THE BOARD OF SUPERVISORS ON _____.
DATE

SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

June 1, 2017

APPROVING RENEWAL OF GOVDELIVERY SUBSCRIPTION

BE IT RESOLVED BY the Scott County Board of Supervisors as follows:

Section 1. The authority of the IT Director to sign a two year service agreement with Granicus for GovDelivery subscription service for FY'18 and FY'19 in the amount of $20,556.47 is hereby approved.

Section 2. This resolution shall take effect immediately.

BILL FENNELLY
SCOTT COUNTY TREASURER
600 W 4th Street
Davenport, Iowa 52801-1030

www.scottcountyiowa.com
www.iowatreasurers.org

Item 11
5/30/17

MOTOR VEHICLE DIVISION
Scott County Administrative Center (563) 326-8664

PROPERTY TAX DIVISION
Scott County Administrative Center (563) 326-8670

COUNTY GENERAL STORE
902 West Kimberly Road, Suite 6D
Davenport, Iowa 52806
(563) 386-AUTO (2886)

To: Scott County Board of Supervisors

From: Bill Fennelly, Scott County Treasurer

Subject: Request to abate taxes

Date: May 10th, 2017

The City of Davenport has requested the abatement of suspended taxes and special assessments from 1992 through 2017 for the following parcel:

Parcel	Site Address	Amount
G0034-25	1012 W. 9th St., Davenport, IA	$8,714.64

Attached is the request from the City of Davenport.

I am requesting the abatement of the identified taxes pursuant to statute 445.63.

City of Davenport
Public Works Center

1200 East 46th Street • Davenport, Iowa 52807
Fax: 563-327-5182
www.cityofdavenportiowa.com

May 9, 2017
HAND DELIVERED

Bill Fennelly, Scott County Treasurer
Scott County Administrative Center
600 West Fourth Street
Davenport, Iowa 52801-1106

RE: Request for Tax Abatement by the City of Davenport

The City of Davenport hereby requests Scott County abate:

i) The following real estate taxes due for tax years 2006 - 2016 and future taxes on parcels owned by the City of Davenport identified below.

Parcel	Tax	Additional Costs & Interest	Total
G0034-25	11,347.00	10,469.92	21,816.92
Tax Sale Y0651-OLA	$36.00	$9.00	$45.00

I've attached copies of the corresponding tax notices for reference purposes. Feel free to contact me if any questions arise. Please send written documentation of parcels for which taxes, interest and costs may not be abated.

Thank you in advance for your attention to this matter.

Sincerely,

Mike Atchley

Mike Atchley
Real Estate Manager
jma@ci.davenport.ia.us

cc: Tom Warner, Corporation Counsel
Clay Merritt, Capital Manager
File

Working Together To Serve You

THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY THE BOARD OF SUPERVISORS ON _____.
DATE

_____
SCOTT COUNTY AUDITOR

RESOLUTION
SCOTT COUNTY BOARD OF SUPERVISORS

June 1, 2017

APPROVAL OF THE ABATEMENT OF DELINQUENT PROPERTY TAXES AS RECOMMENDED BY THE SCOTT COUNTY TREASURER AND IN ACCORDANCE WITH IOWA CODE CHAPTER 445.63

BE IT RESOLVED by the Scott County Board of Supervisors as follows:

Section 1. Iowa Code Section 445.63 states that when taxes are owing against a parcel owned or claimed by the state or a political subdivision of this state and the taxes are owing before the parcel was acquired by the state or a political subdivision of this state, the county treasurer shall give notice to the appropriate governing body which shall pay the amount of the taxes due. If the governing body fails to immediately pay the taxes due, the board of supervisors shall abate all of the taxes.

Section 2. The City of Davenport has requested the abatement of suspended taxes and special assessments from 1992 through 2017 for Parcel G0034-25 in the amount of $8714.64

Section 4. The County Treasurer is hereby directed to strike the amount of property taxes due on this City of Davenport parcel in accordance with Iowa Code Section 445.63.

Section 5. This resolution shall take effect immediately.