



HARDIN COUNTY
Board of Supervisors

June 14, 2022

NOTICE: Public meetings will be held in-person and also livestreamed for viewing only, as possible. To view meetings remotely, please use the Zoom information listed below

1. 9:00 A.M. Call To Order
Courthouse Large Conference Room
2. Pledge Of Allegiance
3. Approval Of Agenda
4. Approval Of Minutes – 05/31/22, 06/01/22, 06/02/22

Documents:

[05-31-22 MINUTES.PDF](#)
[06-01-22 MINUTES.PDF](#)
[06-02-22 MINUTES.PDF](#)

5. Approval Of Claims For Payment – 06/15/22

Documents:

[VENDOR PUBLICATION REPORT 6.15.22.PDF](#)

6. Consideration Of IRET SRT Endorsement

Documents:

[IRET SRT DRAFT COPY FOR ENDORSEMENT.PDF](#)

7. Consideration Of SRT Resolution
8. Consideration Of Credit Card Limit Increase Request
9. Invitation To Accept Bid Proposals For Fuel For Hardin County

Documents:

[INVITATION TO BID_FUEL FY23.PDF](#)
[FUEL BIDDING PROPOSAL.PDF](#)

10. Consideration Of Class C Liquor License – Pine Lake Country Club

Documents:

[CLASS C LIQUOR LICENSE-PINE LAKE COUNTRY CLUB.PDF](#)

11. Consideration Of Memorandum Of Understanding Between Hardin County And CICS

Documents:

[MEMORANDUM OF UNDERSTANDING-HARDIN COUNTY AND CICS.PDF](#)

12. Consideration Of Interstate Power And Light Utility Permit UT-22-010

Documents:

[UT-22-010 INTERSTATE POWER AND LIGHT.PDF](#)

13. Consideration Of Request For Compromise And Assignment Of Hardin County Tax Sale Certificates

Documents:

[REQUEST FOR COMPROMISE AND ASSIGNMENT OF HARDIN COUNTY TAX SALE CERTIFICATES.PDF](#)

14. Acknowledge Receipt Of Animal Feeding Operation Construction Permit

Documents:

[CONSTRUCTION PERMIT APPLICATION FORM.PDF](#)

15. Set Time And Date For Public Hearing – Hardin Buckeye 3, Section 3 Buckeye Township

16. Approval Of Salaries For FY2022/2023

Documents:

[BOS 2022-2023 SALARIES.PDF](#)

17. Consideration Of The Hardin County Wellness Program

Documents:

[HARDIN COUNTY WELLNESS 2022.PDF](#)

18. Change Of Status – Secondary Roads

Documents:

[CHANGE OF STATUS-SECONDARY ROADS.PDF](#)

19. Change Of Status – County Attorney

Documents:

[CHANGE OF STATUS-COUNTY ATTORNEY.PDF](#)

20. Change Of Status – Sheriff Department

Documents:

[CHANGE OF STATUS-SHERIFF DEPARTMENT.PDF](#)

21. Change Of Status – Conservation

Documents:

[CHANGE OF STATUS-CONSERVATION.PDF](#)

22. Auditor's Report – May

Documents:

[COUNTY AUDITOR REPORT-MAY.PDF](#)

23. Recorder's Report – May

Documents:

[COUNTY RECORDER REPORT-MAY.PDF](#)

24. Sheriff Report - May

Documents:

[SHERIFF REPORT-MAY.PDF](#)

25. Other Business

26. Adjournment/Recess

27. 9:30 A.M. Drainage
Courthouse Large Conference Room

28. 11:15 A.M. Closed Session Pursuant To Iowa Code 21.5(1)(J), Courthouse Large
Conference Room

HARDIN COUNTY BOARD OF SUPERVISORS
MINUTES – MAY 31, 2022
TUESDAY – 12:00 P.M.
COURTHOUSE LARGE CONFERENCE ROOM

Board Chair BJ Hoffman called the meeting to order. Supervisors Lance Granzow and Renee McClellan were in attendance. Also attending were Michael Pearce and Jolene Pieters. Attending via Zoom: None

The Pledge of Allegiance was recited.

Board Chair BJ Hoffman opened the public hearing on the FY2021/2022 budget amendment. Hoffman read the budget amendments and the purpose of each. Granzow explained that many of the amendments were for the ARPA Fund spending.

McClellan moved, Granzow moved to close the public hearing. Motion carried. Public hearing closed at 12:02 p.m.

No other business.

Granzow moved, McClellan seconded to adjourn the meeting. Motion carried.

Meeting adjourned at 12:03 p.m.

HARDIN COUNTY BOARD OF SUPERVISORS
MINUTES – JUNE 1, 2022
WEDNESDAY – 9:00 A.M.
COURTHOUSE LARGE CONFERENCE ROOM

Board Chair BJ Hoffman called the meeting to order. Supervisors Lance Granzow and Renee McClellan were in attendance. Also attending were Thomas Craighton, Taylor Roll, Jessica Sheridan, Machel Eichmeier, Darrell Meyer, JD Holmes, Michael Pearce, Jolene Pieters, Justin Ites, Kent Krause, and Mitch Baum. Attending via Zoom: Lori Kadner, Tifani Eisentrager, Cheryl Lawrence, Curt Groen, Pauline Lloyd, Mark Buschkamp, Elaine Loring, Lisa Lawler, Devyn Hall, Megan Harrell, and Julie Duhn.

The Pledge of Allegiance was recited.

McClellan moved, Granzow seconded to approve the agenda. Motion carried.

Granzow moved, McClellan seconded to approve the minutes from May 25, 2022. Motion carried.

McClellan moved, Granzow seconded to approve Northern Natural Gas Company Utility Permit UT-22-009 Utility Permit. Motion carried.

McClellan moved, Granzow seconded to approve the employment contract for Engineer Taylor Roll. Motion carried.

Granzow moved, McClellan seconded to approve the Heartland Insurance Renewal and approval to sign authorization to bind coverage. Motion carried.

McClellan moved, Granzow seconded to approve the FY2022/2023 CICS Mental Health Advocate Agreement. Motion carried.

McClellan moved, Granzow seconded to approve the change of status for Conservation for the hiring of Tate Miller as a summer intern. Motion carried.

McClellan moved, Granzow seconded to adopt the Resolution Cancellation of Outstanding Warrants FY2020/2021. Roll Call Vote: “Ayes” Granzow, McClellan, Hoffman. “Nays” none. Absent: None. Motion carried. Resolution No. 2022-19 is hereby adopted as follows:

WHEREUPON Board Member Renee McClellan moved that the following Resolution be adopted:

RESOLUTION NO. 2022 - 19

CANCELATION OF OUTSTANDING WARRANTS
2020/2021 FISCAL YEAR

WHEREAS, The Board of Supervisors, pursuant to Section 331.554(7), Code of Iowa, warrants outstanding for more than one year shall be canceled by the Auditor and the amounts of the warrants shall be credited to the fund upon which the warrants were drawn.

NOW, THEREFORE, be it resolved by the Board of Supervisors of Hardin County, Iowa, the County Auditor is authorized to cancel the following warrants which are outstanding for more than one year:

0001 General Fund:

#83309	08/12/2020	Grundy Co. Memorial Hospital	\$ 731.20
#84052	10/28/2020	Adam Johnson	\$ 72.00
#85264	03/17/2021	2 Angels Properties, LLC	\$ 200.00
#85494	04/14/2021	Christian Copper	\$ 13.12

0011 Rural Services Basic Fund:

#85208	03/10/2021	Andy Jass	\$ 45.00
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0020 Secondary Roads Fund:

#84119	11/09/2020	Adam Johnson	\$ 150.00
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BE IT FURTHER RESOLVED, the amounts of the above canceled warrants shall be credited to the fund upon which the warrants were drawn.

The motion was seconded by Board Member Lance Granzow and after due Consideration thereof, the roll was called, and the following Board Members voted:

AYES: Granzow, McClellan, Hoffman
NAYS: None
ABSENT: None
ABSTAIN: None

Whereupon, the Chair of the Board of Supervisors declared said Resolution duly passed and adopted this 1st day of June, 2022.

/s/ BJ Hoffman

Board Chair

Hardin County Board of Supervisors

ATTEST:

/s/ Jolene Pieters

Hardin County Auditor

Granzow moved, McClellan seconded to approve the claims for payment for June 1, 2022. Motion carried.

Kent Krause gave an overview of the Summit Farms Pork, LLC construction permit for a new confinement facility in Section 25, Buckeye Township. The facility will be a 2-building site.

At 9:05 a.m. Board Chair opened the public hearing.

Julie Duhn commented on number 24 regarding monitoring from an outside agency and suggested that 20 points be removed. Duhn asked that 5 points be removed from number 40 due to no 911 address is provided. She commented on the danger to humans due to manure and water contaminants.

Pauline Lloyd commented about waterways and manure runoff. She also asked if trees will be planted around the site and how the neighbors felt about the hog site. Hoffman stated that all her questions would be answered in the application and that it is available on Hardin County's website.

McClellan moved, Granzow seconded to close the public hearing. Motion carried.

Public Hearing was closed at 9:13 a.m.

Other business: Auditor Pieters reminded everyone that the Auditor's office would be open Saturday, June 4, 2022 for 7:00 a.m. to 3:00 p.m. for in-person absentee voting and the 2022 Primary Election will be held on Tuesday, June 7, 2022. Engineer Taylor Roll stated that the paving of the bike trail is almost complete.

Granzow moved, McClellan seconded to recess until 10:30 a.m. Motion carried.

At 10:30 a.m. the meeting was reconvened for a work session with Conservation and the City of Steamboat Rock. Supervisors BJ Hoffman, Lance Granzow and Renee McClellan were in attendance. Also attending were Wes Wiese, Tim Stearns, Justin Ites, Michael Pearce, and Jolene Pieters.

Wes Wiese gave an overview of the sewer project for the campgrounds in Steamboat Rock and the acquisition of the Boat Club and that the septic system at the campgrounds needs replacement. A study has been done and talks with the City of Steamboat are underway.

Tim Stearns, Mayor of Steamboat Rock discussed the current sewer system of the City of Steamboat Rock and that there are 7 current residents on the south side of Highway D35. He discussed possible further expansion of the system and the possible economic development of the expansion.

Granzow explained that the failure of the septic system must be replaced.

Wiese explained that there is another option to bore under the river, but that would not benefit the City of Steamboat. Granzow stated that he felt the project should benefit both.

Stearns discussed various grants and revolving funds that may be available, but the timeliness would not benefit the Conservation project.

Granzow discussed the possibility of using ARPA funds as a revolving loan or a loan through Conservation.

Wiese stated that the Conservation project has been estimated at \$445,000. Stearns stated that the estimates he has received are mid \$500,000 for approximately 1,700 feet with 1 lift station. Stearns stated that due to obtaining DNR permits, they need to obtain 3 bids.

Stearns stated that the city's current sewer system has the capacity to handle the expansion but does not want to overextend in case of future sewer system needs.

Wiese stated that he would like to stay on the West side of the river but is concerned about the time frame if their septic system would completely fail before the project could be completed.

Stearns stated that the city's attorney stated that there needs to be a 28E agreement if the system goes under the river regarding where the responsibility would lie if there would be a failure.

Hoffman stated that if the City and Conservation were to enter into an agreement, the two entities would work together to set the terms. If Hilker funds were to be used, the county would back-fill that fund.

Granzow and McClellan stated that they feel the city needs the project. Stearns agreed.

Wiese stated that they will be ready to go to bid this fall after the archeology studies.

Granzow moved, McClellan seconded to recess until 11:30 a.m. Motion carried.

Meeting recessed at 10:59 a.m.

Board Chair BJ Hoffman reconvened the meeting at 11:30 a.m. Supervisors Lance Granzow and Renee McClellan were present. Also attending were Angela De La Riva and Jolene Pieters.

At 11:32 a.m. Granzow moved, McClellan seconded to move the meeting into closed session pursuant to Iowa Code 21.5(1)(a) Matters Confidential by law. Roll Call Vote: “Ayes” Granzow, McClellan, Hoffman. “Nays” none. Absent: None. Motion carried.

At 11:43 a.m. McClellan moved, Granzow seconded to leave the closed session. Motion carried.

Granzow moved, McClellan seconded to recess until 1:00 p.m.

At 1:00 p.m. Board Chair BJ Hoffman reconvened the meeting. Supervisors Lance Granzow and Renee McClellan were present. Also present were Michael Pearce and Jolene Pieters. Attending via Zoom: None.

Granzow moved, McClellan seconded to approve the appropriations resolution amendment of the FY2021/2022 budget amendments as printed. Roll Call Vote: “Ayes” Granzow, McClellan, Hoffman. “Nays” none. Absent: None. Motion carried. Resolution No. 2022-20 is hereby adopted as follows:

WHEREUPON Board Member Granzow moved that the following Resolution be adopted:

RESOLUTION NO. 2022 – 20

APPROPRIATIONS RESOLUTION AMENDMENT

On May 31, 2022 a budget hearing for an amendment was held. The budget amendment was approved, and the following appropriation amendments shall be made as deemed necessary:

<u>Office or Department</u>	<u>Amended Appropriation Amount</u>
Emergency Management	+\$100,000
Mental Health	+\$240,000
Conservation	+\$256,000
Environmental Health	+\$ 38,304
Property Management	+\$ 23,400
Sheriff Department	+\$ 76,817
Insurance	+\$ 48,645

Motion as seconded by Board Member McClellan and after due consideration thereof, the roll was called, and the following Board Members voted:

AYES: Granzow, McClellan, Hoffman

NAYS: None

ABSENT: None

ABSTAIN: None

Whereupon, BJ Hoffman of the Board of Supervisors declared said Resolution duly passed and adopted this 1st day of June, 2022.

At 1:03 p.m. Granzow moved, McClellan seconded to adjourn the meeting. Motion carried.

/s/ BJ Hoffman
BJ Hoffman, Chair
Board of Supervisors

ATTEST:

/s/ Jolene Pieters
Hardin County Auditor

Granzow moved, McClellan seconded to adjourn the meeting. Motion carried.

Meeting adjourned at 1:01 p.m.

HARDIN COUNTY BOARD OF SUPERVISORS
MINUTES – JUNE 2, 2022
THURSDAY – 1:00 P.M.
COURTHOUSE LARGE CONFERENCE ROOM

Board Chair BJ Hoffman called the meeting to order. Supervisor Renee McClellan was in attendance, Supervisor Lance Granzow attended via phone. Also attending: Jessica Sheridan and Jolene Pieters. Attending via Zoom: None

The Pledge of Allegiance was recited.

Granzow moved, McClellan seconded to approve the agenda. Motion carried.

Jessica Sheridan addressed public comments that were heard during the public hearing on June 1st, stating that 911 addresses are not assigned until there has been a driveway permit filed. Summit Farms Pork, LLC will apply for a 911 address as soon as a driveway permit has been applied for. Jessica stated that DNR will address if an additional survey is necessary for the minimal distance. Sheridan stated that her points equaled the points that Pinnacle had. She stated that she recommends the Board of Supervisors approve the Summit Farms Pork, LLC construction permit application for a feeding operation in Buckeye Township.

McClellan moved, Granzow seconded to approve. Motion carried. Roll Call Vote: “Ayes” Granzow, McClellan, Hoffman. “Nays” none. Absent: None. Motion carried.

McClellan moved, Granzow seconded to adjourn the meeting. Motion carried.

Meeting adjourned at 1:02 p.m.



Vendor Name	Vendor Number	Payable Description	Total Payments
AgSource Cooperative Services	6022V	Acct-1210361-Pine Ridge Water Testing	67.50
Ahlers & Cooney-P.C.	61244V	Labor Relations	2,445.56
Airgas North Central	633V	Cylinder Rental	553.11
Alliant Energy	4253V	Utilities Acct-0187741000	1,819.65
Amazon Business	101043	Election Totes	199.98
Amy L Lampman	2376V	Case- PCCV101492 State VS Schwebke	7.00
Amy Stephenson	100462	Election Official- Poll Hours/Mileage/Traini	112.57
Angela De La Riva	100411	Mileage-MIGP/Placer/Talent Attraction	604.89
Baker Group	62600V	Building Maint	494.00
Barbara Greiner	101089	Election Official- Poll Hours/Mileage/Traini	106.40
Barco Municipal Products	1046V	Work Zone Signs	2,084.36
Barnhart Electric Inc	1528V	Bessman Kemp Electrical Site 3	104.04
Bauer Built Tire, Inc	1609V	Truck Tires	5,044.96
Becca Junker	100351	Mileage-Iowa Falls Runner	25.45
Bev Pieters	2913V	Absentee Board- Poll Hours/Mileage	45.85
Bruce J. Off	228V	Annual Inspection-Extinguishers	214.00
Buckeye Cemetery Assn	945V	Veteran Care of Graves-FY21/22	248.00
Buckner Cemetery	1429V	Veteran Grave Care- FY21/22	48.00
Calhoun Burns and Associates Inc	5244V	2022 Bridge Rating & Inspection	6,724.70
Campbell Supply Co	620V	Safety Glasses	318.37
Carol E Strait	16E	Election Official- Poll Hours/Mileage/Traini	171.42
Carol Gilbert	100842	Election Official- Poll Hours/Mileage/Traini	95.87
Carol Humphrey	101072	Election Official- Poll Hours/Mileage/Traini	87.84
Carol Van Hove	100963	Election Official- Poll Hours/Mileage/Traini	108.05
Carolyn Tysdahl	2758V	Election Official- Poll Hours/Mileage/Traini	126.77
Casey's General Store-IFalls	100007	VA Fuel- Burnett 5.14.22 1123138	40.00
Center Associates	883V	Training	273.00
Central Iowa Fabrication	62346V	#2 Oil Change	101.89
Chris Carroll	100746	Election Official- Poll Hours/Mileage/Traini	213.94
Christine Axiotis	100739	Election Official- Poll Hours/Mileage/Traini	108.74
Christopher L Barber	292E	Phone Reimburse-199063648878	120.00
Cintas Corporation-Cincinatti	1545V	Eldora Shop First Aid	628.40
Cintas-Chicago	2475V	Shop uniforms & towels	408.70
City of Alden	512V	Alden Utility	36.91
City of Eldora	510V	1-14-1116-00-00 Utilities	3,290.53
City of Radcliffe	517V	Radcliffe Utility	65.80
Colleen Eagan	2912V	Election Official- Poll Hours/Mileage/Traini	94.86
Connie J Mesch	1020E	Mileage-District Meeting/BOR Reports	114.89
Connie Sefcik	100630	Case-JVJV007451-Ruiter	36.00
Cooley Pumping LLC	61963V	Logsdon Park-Unit Service Apr-May22	255.00
Corporate Translation Services Inc dba	100375	Interpreter	13.91
Cover All Embroidery Inc	100300	Apparel	273.12
CrawDaddy Outdoors	100916	Life Jackets	71.92
Crosser Electric Inc.	5060V	Electric Covers	44.00
Culligan - IA Falls	100455	393-03540283-2	545.70
Dale Howard	855V	#17 parts	485.06
Darla Knights	100464	Election Official- Poll Hours/Mileage/Traini	109.91
David Kuechenberg	101078	Election Official- Poll Hours/Mileage/Traini	117.70
Dawn Parker	2764V	Election Official- Poll Hours/Mileage/Traini	107.57
Deann Surls	101085	Election Official- Poll Hours/Mileage/Traini	184.17
Deb Schult	100605	Election Official- Poll Hours/Mileage/Traini	98.00
Debra Johnson	480V	Election Official- Poll Hours/Mileage/Traini	157.84
Donald C Orgel	116E	Reimburse-VA Fuel card	100.00
Donnlee Jackson	2895V	Park Host-5.9-5.22	260.00
Eldora City Ambulance	62606V	Training	540.00

Vendor Publication Report

Payment Date Range: 06/15/2022 - 06/15/2022

Vendor Name	Vendor Number	Payable Description	Total Payments
Eldora Family Dentistry LLC	1108V	Inmate Medical	537.00
Eldora Hardware	2647V	May - HCSHERIFF	241.98
Eric Eugenio	100207	ME-Humphrey DOD 6.8.22	618.77
Eric Oppen	100750	Election Official- Poll Hours/Mileage/Traini	109.91
Gail Knights	101073	Election Official- Poll Hours/Mileage/Traini	83.00
Galls Incorporated	1389V	Uniforms	832.50
Gary McEwen	222V	Park Host-5.1.22-5.31.22	315.69
GECRB/AMAZON	2403V	Computer Equipment-POE Switches	316.03
General Basic Fund	1270V	Primary Election Postage Return Charge t	149.12
Greenbelt Home Care	61807V	Healthy Aging- 4.1.22-5.1.22	2,966.04
Guardian RFID	63533V	Equipment	189.00
Hardin Co Tire & Service Inc	4240V	#31 4 new tires	1,946.20
Hawkeye West Pest Control	2637V	Engineer's Office Pest Control	64.00
Heart of Iowa	6335V	Phone Acct-5908-7	2,796.07
Henry Lippert	101077	Election Official- Poll Hours/Mileage/Traini	83.00
IFADC	62574V	Quarterly Funding FY22	7,000.00
Innovative Ag Services Hubbard	868V	26306	3,494.68
Interstate Batteries	880V	Batteries	29.81
Iowa County Attorneys Case Mgt	63811V	Annual Fee-FY22/23/Prolaw User Fee-FY:	8,000.00
Iowa County Recorders Association	100618	FY22/23-Hardin County ILR Record Storaç	856.56
Iowa Department of Agriculture and Lar	100250	Animal Welfare Renewal Form FY22	175.00
Iowa Regional Utilities Assoc.-Newton	62036V	Water Acct-07079522004 Daisy Long	289.29
Iowa State University	1617V	ICEA Mid-Year Conference Registration	125.00
ISAA-Central District	5474V	FY22/23 Footings To Ridge Cap- Hardin C	250.00
ISAC	920V	FY22/23 Member Dues	6,870.00
ISACA	5400V	2022 ISAC Annual Conference	250.00
ISCTA	5942V	ISCTA Due FY22/23-Hardin County #42	250.00
J & T Plumbing & Heating	100042	Engineer's Office Ducting Repair	85.26
Jamie Geisler	100727	Mileage-Primary Election Runner	30.42
Jasper Construction Services, Inc.	100944	TAP-R-C042(104)--8T-42/Steamboat Rock	145,489.70
John Deere Financial	1394V	Alden Shed	35.68
John Lambertson	100383	Election Official- Poll Hours/Mileage/Traini	113.49
Joshua June	101067	Fuels	84.41
Julia Hall	2763V	Election Official- Poll Hours/Mileage/Traini	202.25
Kathryn Blome	100218	Election Official- Poll Hours/Mileage/Traini	111.93
Kathryn Gimer	100733	Election Official- Poll Hours/Mileage/Traini	106.40
Ken Brownlee	1595V	Absentee Board- Poll Hours/Mileage	45.17
Ken's Repair	4583V	Files- Reissue Payment	4.60
Kit Paper	100328	Clothing Allowance	37.29
Larry W Johnson	1910V	Election Official- Poll Hours/Mileage/Traini	123.90
Lawson Products Inc	5826V	Wiring & equipment parts	2,710.89
Lexipol LLC	2835V	Training	8,572.65
LiftOff LLC	2865V	Annual-Licensing/Archiving/Office 365	33,144.00
Linn Adams	9245E	Cell Phone Allowance June 2022	40.00
Machel R Eichmeier	288E	Mileage-Treasurer School	35.10
Marcia Brownlee	4510V	Election Official- Poll Hours/Mileage/Traini	81.67
Marilyn Cox	2911V	Election Official- Poll Hours/Mileage/Traini	123.95
Marla Kay Williams	2268V	ME-Humrichouse DOD 5.27.22	322.55
Marshall County Sheriff	1131V	Case- FECR31315802421 State VS Steel	20.00
Mary J Swartz	302E	MH Advocate Mileage-May 2022	583.25
Mary Pisney	101088	Election Official- Poll Hours/Mileage/Traini	106.40
Mary Stoner	101090	Election Official- Poll Hours/Mileage/Traini	106.40
Medicap Pharmacy #8095	5729V	Prescriptions	4,192.07
Mend Correctional Care PLLC	2724V	Medical Service	10,838.39
Mid-America Publishing Corp	62056V	Publications-Primary Election 22	136.07
Mike Turner	101083	Election Official- Mileage/Training	10.34
Mindy Kreimeyer	100951	Cabin Cleaning April 12-May 27	158.00
Moler Sanitation	100385	Sanitation Acct-4570	59.95
Monica Ridout	100607	Election Official- Poll Hours/Mileage/Traini	99.86
MTI Distributing, Inc	806V	Electric Fuel Pump-Mower	201.84
Murphy Tractor & Equipment Co., Inc	2286V	#211 Driveshaft	2,151.86

Vendor Publication Report

Payment Date Range: 06/15/2022 - 06/15/2022

Vendor Name	Vendor Number	Payable Description	Total Payments
Nancy Callaway	63396V	Election Official- Poll Hours/Mileage/Traini	89.17
NAPA Auto Parts	4290V	#17 Oil Filter	9.99
NAPA Auto Parts Eldora	617V	Filters for stock	2,270.97
New Providence Hardware	640V	Round up & Outlet Adapter	59.98
Northern Iowa Construction Products	100418	18" & 24" CMP & Bands	63,497.50
O'Reilly Auto Parts Inc	62373V	#16 Windshield Wiper Parts	39.05
Orkin, 538-Waterloo	100827	June - 34864217	67.00
Pam Warren	101068	Election Official- Poll Hours/Mileage/Traini	81.67
Patricia Friend	63813V	Election Official- Poll Hours/Mileage/Traini	199.91
Peggy Bushore	101074	Election Official- Poll Hours/Mileage/Traini	124.59
Petroblend Corp.	1219V	15W40 Oil	3,064.95
Pitney Bowes Global Financial-Lease	63770V	Lease Payment Acct-0012434253	2,193.57
Premier Office Equipment, Inc.	62320V	Printer Lease-Auditor P24513	575.28
Quaker Security LLC	100507	Courthouse Security	1,290.00
R Comm LLC	63277V	Eldora FD-Speakers/Pagers/Mlcs	3,000.00
Racom Corporation	61030V	Vehicles	31,995.95
Radcliffe Telephone Co	4207V	Phone Acct-0000000344	313.57
Randy Fiscus	100209	Election Official- Poll Hours/Mileage/Traini	122.68
Ray O'Herron Co. Inc.	100539	Uniforms	1,353.16
RC Systems- Waterloo Office	2077V	Building Maint	4,353.92
Rebekah Gustafson	101081	Election Official- Poll Hours/Mileage/Traini	102.89
Renee Springston	100524	Postage Reimburse	27.50
Rhonda Roberts	101079	Election Official- Poll Hours/Mileage/Traini	100.55
Roger Sutton	100756	Election Official- Poll Hours/Mileage/Traini	198.95
Ron Hornung	2486V	Election Official- Poll Hours/Mileage/Traini	123.90
Sandy Trampe	2143V	Election Official- Poll Hours/Mileage/Traini	124.55
Schneider Geospatial LLC	100763	Parcel Maintenance FY22/23	8,796.00
Scott R. Humphrey	101070	Election Official- Poll Hours/Mileage/Traini	95.59
Scott Swartz	100735	Election Official- Poll Hours/Mileage/Traini	85.34
Scott's Sales Co	1214V	Car Wash Card- EMA	300.00
Secretary of State	2116V	Countywide Polling Place Mailings-Primary	1,506.75
Sherry Lippert	2762V	Election Official- Poll Hours/Mileage/Traini	100.55
Shield Pest Control LLC	63086V	Pest Control-Courthouse/Annex	180.00
Storey Kenworthy	61798V	Primary Election Ballot Print	2,460.43
Summit Food Service LLC	2332V	Food Service	9,889.43
Sunrise Apartments Inc	6354V	Rent-June 2022-T. Nelson	400.00
Sunset Law Enforcement	101035	Equipment	314.00
Susan Knight	313E	Election Official- Poll Hours/Mileage/Traini	10.34
Susan Kramer	101084	Election Official- Poll Hours/Mileage/Traini	177.15
Susan Seedorff-Keninger	100212	Park Host 5.1-5.29.22	214.29
Susie Reece	100959	Election Official- Poll Hours/Mileage/Traini	87.84
The Sidwell Company	2584V	Assessor Portion-FARMS Maint. FY 22/23	1,408.12
Theisens	6220V	#163 parts	191.99
Theresa A. Ritland	61919V	Case-FECR312700 State VS Steelman	249.60
Thomas Craighton	100361	ME-Hazaelwood 5.18.22	300.00
Thomas Murphey-Park Host	100870	Park Host 5.2-5.31	228.58
Thomson Reuters West Publishing Cor	610V	Library Plan Acct-1000031544	62.47
Times Citizen	538V	Publications-Primary Election 22	274.63
U.S. Cellular	62000V	Phone Acct-400202255	849.36
U.S. Post Office	4350V	Box 391 Annual Rental FY22/23	226.00
Union Auto Inc.	1523V	Air Filter	88.91
US Bank Equipment Finance	954V	Equipment Maint	1,260.84
US Records Midwest LLC	2493V	Encapsulation of 1 Field Notes Book #3	1,505.93
Van Wall Equipment, Inc.	2924V	Iowa Falls Mower Tune Up Parts	60.66
Veridian Credit Union	63561V	Joe Donald 04/29/22 - 05/28/22	104.96
Verizon Connect	100836	Tracking Acct 100000097759	418.80
Verizon Connect Nwf, Inc-Dallas	100620	Phone Acct-HARD014	18.19
Verizon Wireless	63648V	Phone Acct-742060844-00028	7.02
Verlyn Mensing	100703	VA Driver-Moravec/Leclaire/Klaver/Presco	720.00
VISA	150V	Transport 14 - 1038	4,776.70
Wayne Riskedahl	100313	Absentee Boardl- Poll Hours/Mileage	41.17

Vendor Publication Report**Payment Date Range: 06/15/2022 - 06/15/2022**

Vendor Name	Vendor Number	Payable Description	Total Payments
Wesley Wiese	522E	Phone Reimburse-May	40.00
William J Hoffman	596E	Mileage-Greenbelt/VA/EMS/CICS/HR	152.69
Windstream-Kentucky	84V	Phone Acct-091032137	540.39
Yulisa Garibay	100887	Cabin Cleaning-Oak/Hickory May22	220.00
Z & Z Glass	62420V	Round Barn Mowing-May 22	90.00
Ziegler Incorporated	1463V	#225 Filters	169.35
		Grand Total:	<u>433,765.61</u>

Item A: Narrative

The proposed project is to tear down and reconstruct the South Fork Bridge on the Iowa River to extend the Iowa River's Edge Trail an additional nine miles. This stretch of the trail is currently unpaved, but there are plans to pave this section in future phases of the project. Also on this nine-mile stretch are two smaller bridges in need of repair which Hardin County is in the process of turning into culverts utilizing county dollars. The trail itself is ready in the rough for trail users. Once the Iowa River bridge is repaired, we will be able to open an additional 9 miles of the Iowa River's Edge Trail from Gifford to Liscomb. **Hardin County requests \$_____ in funding from SRT to reconstruct the South Fork Bridge to open the Iowa River's Edge Trail an additional nine miles.**

Item B: Narrative: 1. Define the need for the project in terms of the population to be served and existing trails in the area. (25 points)

Liscomb, IA is a small town of 274 Iowans. Due to its small size, the only current outdoor recreation opportunity within city limits is their small city park. The proposed bridge repair would link the community to the [REDACTED] mile long Iowa River's Edge Trail, the first ever trail connection to the town. The project supports an endeavor to connect small towns in Central Iowa via a trail system. Liscomb would become connected to all the small towns on the trail's route and provide its citizens with access to the amenities available in these other communities. The full completion of the Iowa River's Edge Trail will enable residents of and visitors to Central Iowa to easily travel between Steamboat Rock, Eldora, Gifford, Union, Liscomb, Albion, and Marshalltown; supporting their economic growth and Iowa's tourism industry as has been seen on trails like the High Trestle and Wabash Trace.

Two bridges and 3.2 miles of paved trail have already been constructed from Steamboat Rock south toward Eldora, and additional funding has been secured to pave another 4.4 miles of the trail to Hwy 175 in Eldora. Construction is anticipated on seven more bridges from Eldora toward Gifford in 2022, making a continuous corridor from Steamboat Rock to the South Fork of the Iowa River. This project will open the trail past that point by an additional nine miles, bringing the portion of the Iowa River's Edge Trail in Hardin County closer to completion with more than half of their 19 miles of trails paved. The remaining corridor to be paved in Hardin County will be phased into manageable segments, connecting communities and landmarks.

Expansion of the Iowa River's Edge Trail works to close a gap in the Great American Rail Trail and the American Discovery Trail. Both nationally significant trail corridors incorporate the Iowa River's Edge Trail into their routes. The Great American Rail Trail is the newest of the nationally significant trails being constructed and is supported by the Rails to Trails Conservancy (RTC). RTC has been a vocal champion for the Iowa River's Edge Trail, helping to identify private funding opportunities and supporting the trail committee's application for a Federal Transportation and Infrastructure Member Designated Project. Completion of this project would make both trail systems nine miles closer to completion.

2. Describe the compatibility with local, area-wide, regional, or statewide plans. (15 points)

Hardin County Comprehensive Plan

The Hardin County Comprehensive Plan explicitly supports the construction of a rail trail that connects the communities within Hardin County. The Iowa River Railroad mentioned here is the Iowa River's Edge Trail. It recognizes the importance of such a trail for the county's economic development.

- *“Iowa River Railroad – should rail bank the part that is being abandoned for future rail use and build a rail trail that could be extended to connect with Ackley – would be good economic development for the County and the nearby communities.”*

SCORP Plan

The Iowa SCORP Plan cites several 5-year priorities for natural resource, parks, and outdoor recreation.

-The first priority is increasing *“the availability and diversity of natural resources, parks and outdoor recreation opportunities”*: The expansion of the Iowa River's Edge Trail into Liscomb gives the citizens of Liscomb increased opportunities for outdoor recreation.

- As part of that first priority, SCORP also calls to *“increase Iowan's level of physical activity through participation in outdoor recreation activities”*: The expansion of this trail will provide the residents of Liscomb with more opportunities for various forms of outdoor exercise including biking, hiking, cross-country skiing, and more.

- SCORP's second priority is that *“natural resource, parks and outdoor recreation opportunities are available to all Iowans”*: The Gay Lea Wilson Trail, a 35 mile trail located in northeast Des Moines, is currently the closest long-distance paved trail to Liscomb. Liscomb is a 60 mile drive northeast of the Gay Lea Wilson Trail, a distance that makes it difficult to utilize the trail and impossible to travel to the trail by foot. Access to other major trail systems would require area residents to travel roughly 81 miles to the Cedar Valley Nature Trail, a 69 mile trail that goes through Benton, Black Hawk, Buchanan, and Linn Counties. The completion of the Iowa River's Edge Trail will provide not only Liscomb, but also Steamboat Rock, Eldora, Gifford, Union, Albion, and Marshalltown residents with easy access to a trail in their own community.

Iowa Bicycle and Pedestrian Long-Range Plan

The Iowa Bicycle and Pedestrian Long-Range Plan was put in place to support the growth of the Iowa bicycle system and program. The reconstruction of the South Fork Bridge allows the Iowa River's Edge Trail to be extended by nine miles, providing Hardin and Marshall County with a new trail for mountain and fat tire biking, directly supporting the expansion of Iowa's existing bike trail systems. The plan calls to:

- The trail itself is specifically identified within this plan as an important part of the plan to *“Expand the intercity and intracity bicycle network by providing guidance for the completion of national trail segments (including the Mississippi River Trail, American Discovery Trail, and Lewis and Clark Trail)”*. The trail is referenced as being important for the completion of the America Discovery Trail.

Region 6 Comprehensive Economic Development Strategy

The Region 6 Planning Commission has combined strategic planning efforts with local businesses and economic development personnel to create a Comprehensive Economic Development Strategy (CEDS). Preservation of the railroad corridor for trail purposes is specifically mentioned in the Region 6 Development Initiative. This expansion of the Iowa River's Edge Trail will help with the CEDS's five main goals, as trails are shown to promote small and locally owned businesses, healthy lifestyles, environmental quality, housing quality, and diverse community attractions.

Great American Rail Trail

In May 2019, the Rail-to-Trails Conservancy announced the 3,700-mile Great American Rail Trail (GART). GART is a national goal to create a cross-county trail stretching from Washington, D.C. to Washington State. The Iowa River Trail is included in the GART route, providing 32 necessary miles for this cross-county connection. This phase of the project will add nine miles to the GART route, getting one step closer to connecting the United States from coast-to-coast.

Iowa Trails 2000

Iowa Trails 2000 is an updated version of the 1990 plan made by the Iowa DOT focused on connecting people and trails. It lays out how a community can create a bicycle and pedestrian plan.

-*“Principle # 1: Local bicycle and pedestrian systems should provide safe and comfortable facilities”*: Currently, the South Fork Bridge is in a state of disrepair, attempting to travel on the trail in the rough over the South Fork Bridge would be extremely unsafe for trail users. By reconstructing the bridge, an additional 9 miles of the Iowa's Rivers Edge Trail could be made safely available to the public.

3. Describe the benefits of multiple uses and recreational opportunities. (20 points)

The expansion of the Iowa River's Edge Trail will provide residents of Liscomb with more public green space to enjoy and use for recreation. As the already constructed portion of the Iowa River's Edge Trail connects to Pine Lake State Park it will also give the residents of Gifford easy access to the amenities of the park by trail.

Hiking: This trail will provide residents of and visitors to Liscomb and central Iowa with an attractive route for hikers of all ages.

Birding: The second half of this trail is lined with trees, offering birders with opportunities to encounter birds while they enjoy the trail. Making this stretch into a trail has the added benefit of protecting that habitat from development.

Geocaching: The Iowa River's Edge Trail is already a geocaching hotspot. Geocaching is a very popular activity along the Iowa River Greenbelt. There are several caches located along the Iowa River's Edge Trail. It is anticipated that this sport will continue to grow with the completion of the trail. Adding on to the existing trail creates more opportunities for hiding caches. Completing this phase and future

phases of the trail will increase the chances for people of all physical abilities and experience to participate in geocaching along the Iowa River's Edge Trail.

Fat Tire/Mountain Biking: Due to the unpaved nature of this trail the project is perfect for scenic fat tire or mountain biking. The path is completely removed from all roadways making it a safe path to traverse. Opening this stretch of trail will provide residents of Hardin and Marshall County with an additional nine miles to bike on.

Snowmobiling: A stakeholder in the currently undeveloped trail is the Central Iowa Snowmobilers. This club uses the undeveloped corridor for part of their system. It is the intention of trail managers to not snow plow the corridor in the winter to continue to allow its use by this group.

Snowshoeing: The unplowed corridor will also provide snowshoers with new paths to safely explore.

Cross-Country Skiing: Cross-country skiing is already a popular activity at the nearby Pine Lake State Park. Leaving the corridor unplowed in the winter will provide skiers with a safe, scenic route to enjoy.

4. Define the quality of the site. (25 points)

Safety is a major concern with any trail project, and the proposed reconstruction of the South Fork Bridge will make this section of the Iowa River's Edge Trail much safer. The bridge is currently unsafe for travel and will be completely removed and rebuilt as part of this proposed project. The section of trail that will be opened by this project's completion is a trail in the rough, meaning that the section has not yet been paved but vegetation has been mowed down to create a path.

It is the goal of the managing trail entities to maintain the corridor outside of city boundaries as a linear wildlife corridor. To that end, a botanical survey was conducted in 2019 along the entire trail, which revealed a variety of threatened species in the area. This inventory helped to create a management plan which has better allowed the stewardship of the right-of-way for prairie and habitat restoration. Annually, a local contractor has been hired for vegetation management of the developed and undeveloped areas. Not only does this start the work to create an enjoyable scenic experience for the user, but this also ensures that the corridor does not become overgrown before development.

The stretch of trail between Gifford and Liscomb has not yet been graded, but the path is smooth and lacks steep sloping. The rail line has been removed so that the trail is safe to traverse and to make it easier for the path to be maintained and mowed. This has allowed the current path to be used for fat biking.

5. Describe the economic benefits to the local area. (10 points)

Liscomb has no city parks or other outdoor recreation opportunities unless citizens are willing and able to drive. Opening the Iowa River's Edge Trail will provide the residents of Liscomb with the first ever trail connected to their community. Reconstructing the South Fork Bridge will allow Liscomb to not only be connected to the Iowa River's Edge Trail but also to other small towns in Hardin and Marshall

Counties. Liscomb's small size means that it has fewer amenities than a larger community; connecting all these small towns in Central Iowa allows them to take advantage of the various amenities each offers.

Large trail systems like the Iowa River's Edge Trail have been shown to provide huge economic benefits for the surrounding communities. In an economic study conducted on the impact of the High Trestle Trail, it was found that the economic activity of trail users had provided a total average impact of \$7,968,100 per year from 2013 to 2015 on the region's economy. In a region such as the Liscomb area, where the trail will not be competing with any other large-scale trail systems, the seven communities that line the trail's path are likely to receive an economic boon.

Iowa River's Edge Trail has already become a focal point for community events. In 2021, Albion changed the name of its annual community celebration to Albion Rail-Trail Days. The celebration involves live music, community fundraisers, games and activities for families, food vendors, a 5k color run, and the Iowa River's Edge Market: a market featuring local vendors. The community decided to rename the event after the trail because they believe that the trail represents the future of Albion, bringing visitors from all over Central Iowa to their community.

Gifford is also planning on taking advantage of the trail. The community is currently in the process of planning a half-marathon to be run on the trail. These communities recognize the potential for this trail to connect the diverse outdoor recreation activities already thriving in the region. By connecting the river sports, biking, hiking, and community events with the Iowa River's Edge Trail, this region of Central Iowa can become a hub for outdoor recreation activities, bringing tourists into a region that currently lacks a strong tourism economy.

6. Describe any special facilities for disabled users. (5 points)

Hardin County understands the need to provide quality of life amenities that not only attract and retain families to its rural communities, but also create recreational opportunities accessible to all its residents. The Iowa River's Edge Trail will be free to the public and open to all ages, backgrounds, and abilities. The trail will be an especially valuable resource for older and disabled Iowans, as the gentle slope of the existing rail grade does not exceed 5%, making it an easily accessible amenity for transportation and outdoor recreation.

7. Project "shovel readiness." (25 points)

The Hardin County Trails Commission received a 2018 Federal Recreational Trails grant for \$425,000 to complete paving and prepping of 2.5 miles of trail from Steamboat Rock to 215th Street north of Eldora. Another \$375,000 State Recreational Trails grant request was accepted in 2019 that was used to continue this paving project, extending the trail from Edgington Ave in Eldora. That segment of the trail is currently in the early stages of the construction process.

The Iowa River's Edge Trail has already commenced its initial trail paving, having completed a one-mile segment of trail near Steamboat Rock. The initial stretch of trail that was paved near Steamboat Rock was completed in the summer of 2018 and came in under budget by \$125,000. We are confident that we would be able to start this proposed trail expansion and finish within two years.

The Hardin County Trails Commission has already selected Snyder & Associates to be the engineering firm for these phases of the trail extension project. Designs to extend the trail to Hwy 175/Edgington Ave are already complete. Those plans would merely have to be updated to include the additional 2 miles of proposed work along a similar type of terrain on the same former rail corridor without additional structures. The project is shovel ready, and work can begin as soon as funding is awarded.

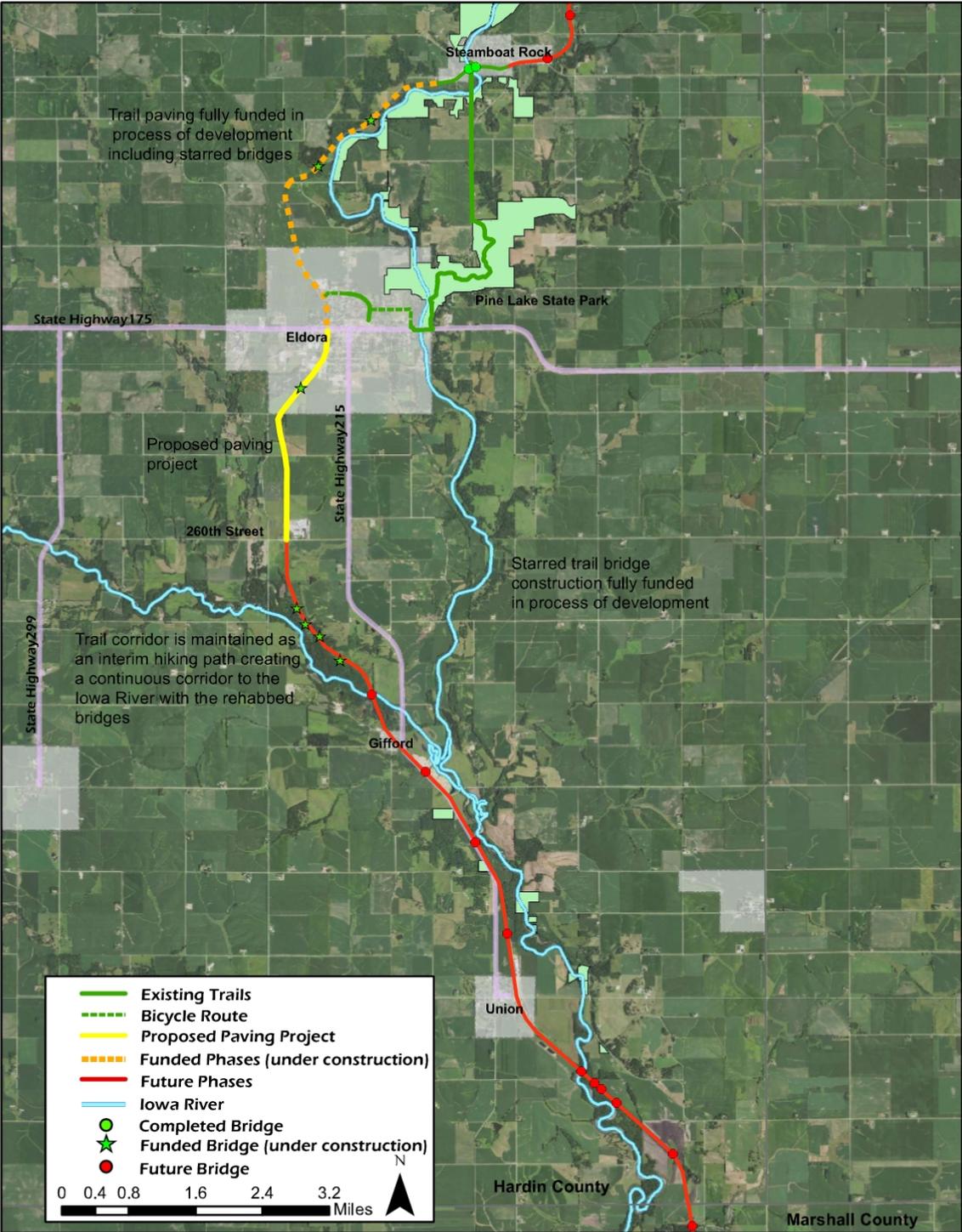
Receiving this \$300,000 State Recreational Trails grant would be the final step before beginning construction on this phase of the Iowa River's Edge Trail.

8. Local funding for the project. (5 points)

So far, this project has received \$150,000 worth of in-kind labor and materials from Hardin County that is being used to replace one of the two smaller bridges along the trail with a large box culvert. This is a significant contribution from the county that shows their interest in and commitment to the completion of this trail corridor.

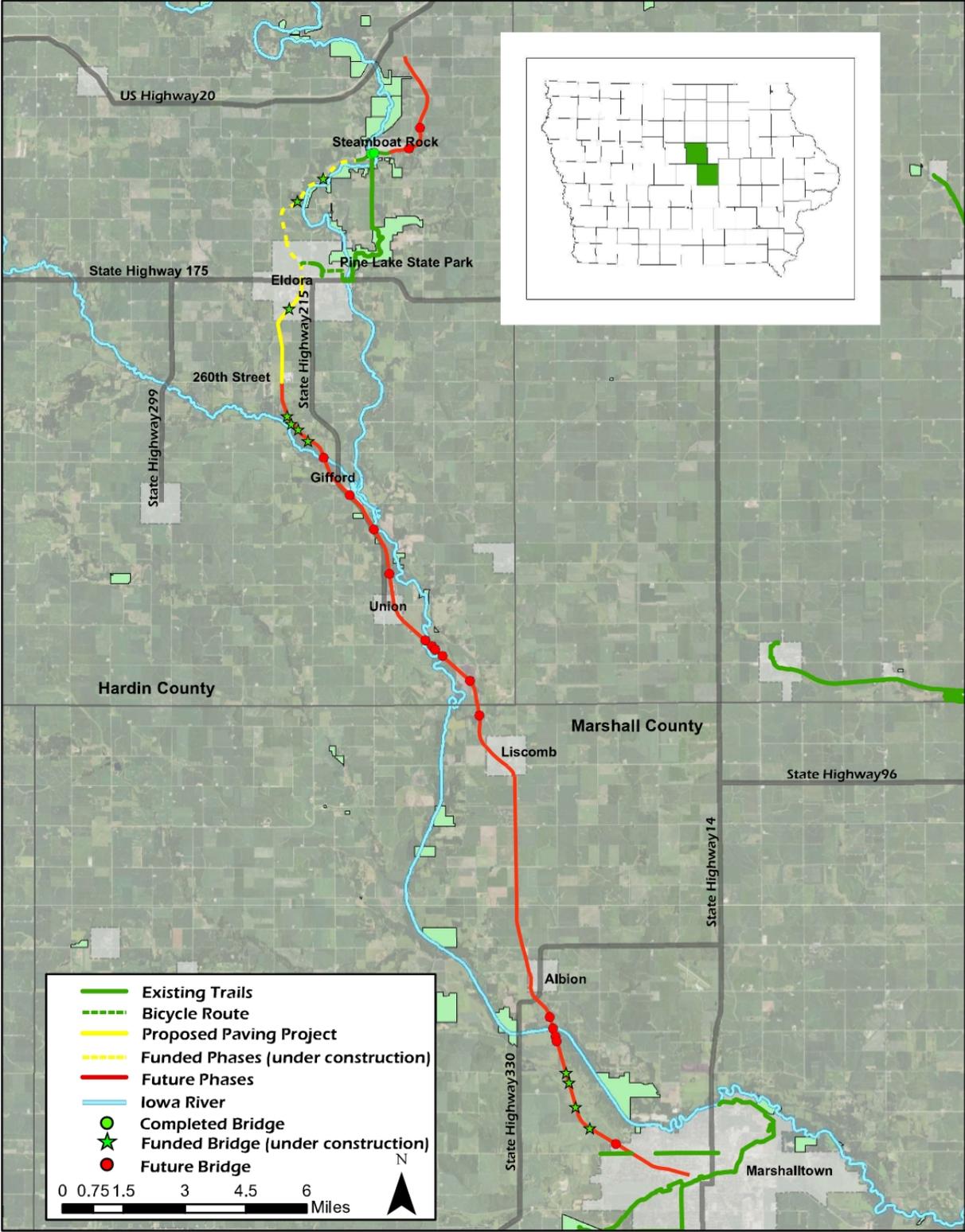
It is important to note that while this application does not have as much secured local funding as others, the ongoing work of the Iowa River's Edge Trail has leveraged significant contributions from the private sector. Roughly \$4,000 of local funds from the city of Eldora will be used for wayfinding signage along this portion of the trail and the previous phases. Additionally, nearly \$300,000 of local and private funding has been secured and directed to the reconstruction of the bridge over the South Fork of the Iowa River and two other bridges within Hardin County (Phase 3). These are the next three bridges of the phased trail work with a total project cost of nearly \$2 million. Additionally, over \$250,000 of local funding has been raised to help with previous phases of the Iowa River's Edge Trail.

Item C - Map-



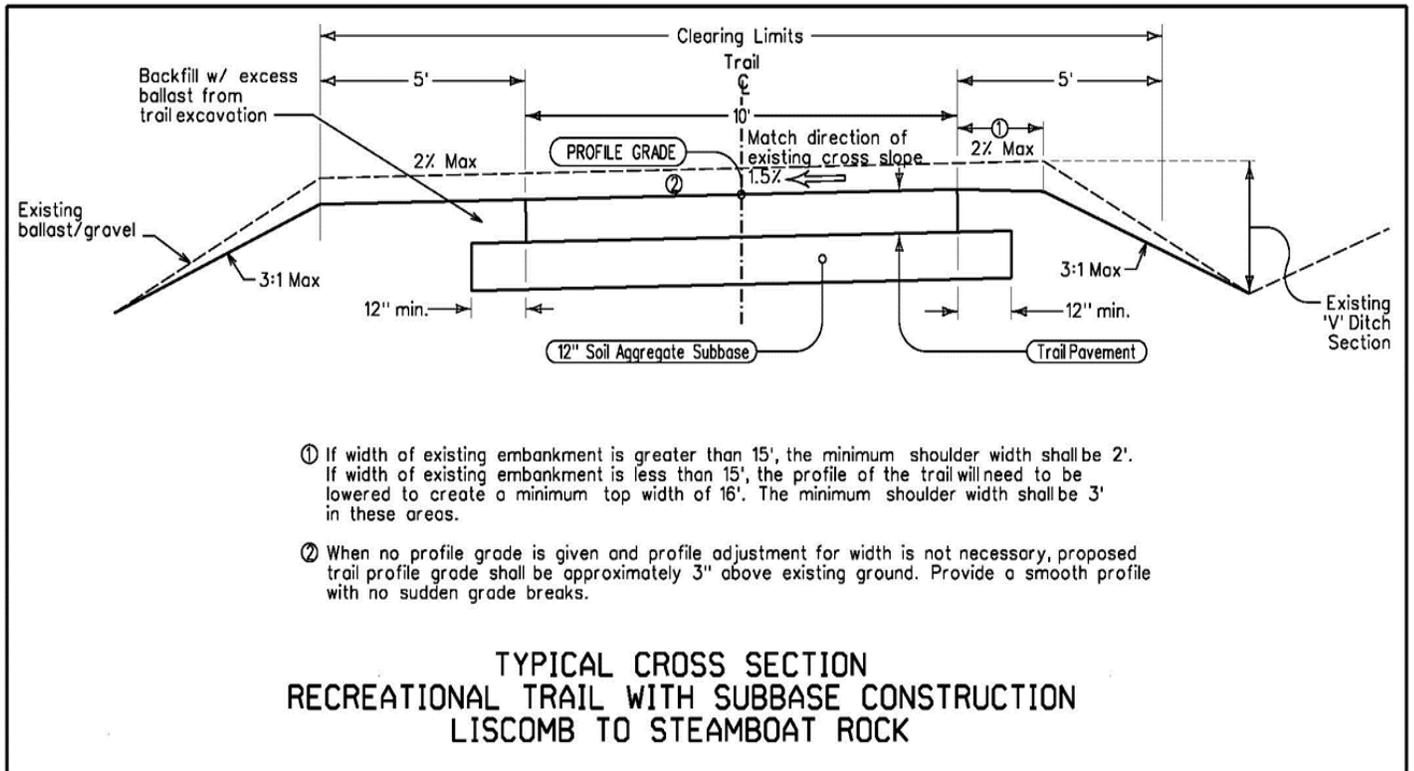
Iowa River's Edge Trail- Paving from Hwy 175 to 260th St

Item C - Map



Iowa River's Edge Trail

Item D - Sketch Plan



Item E - Digital Photographs



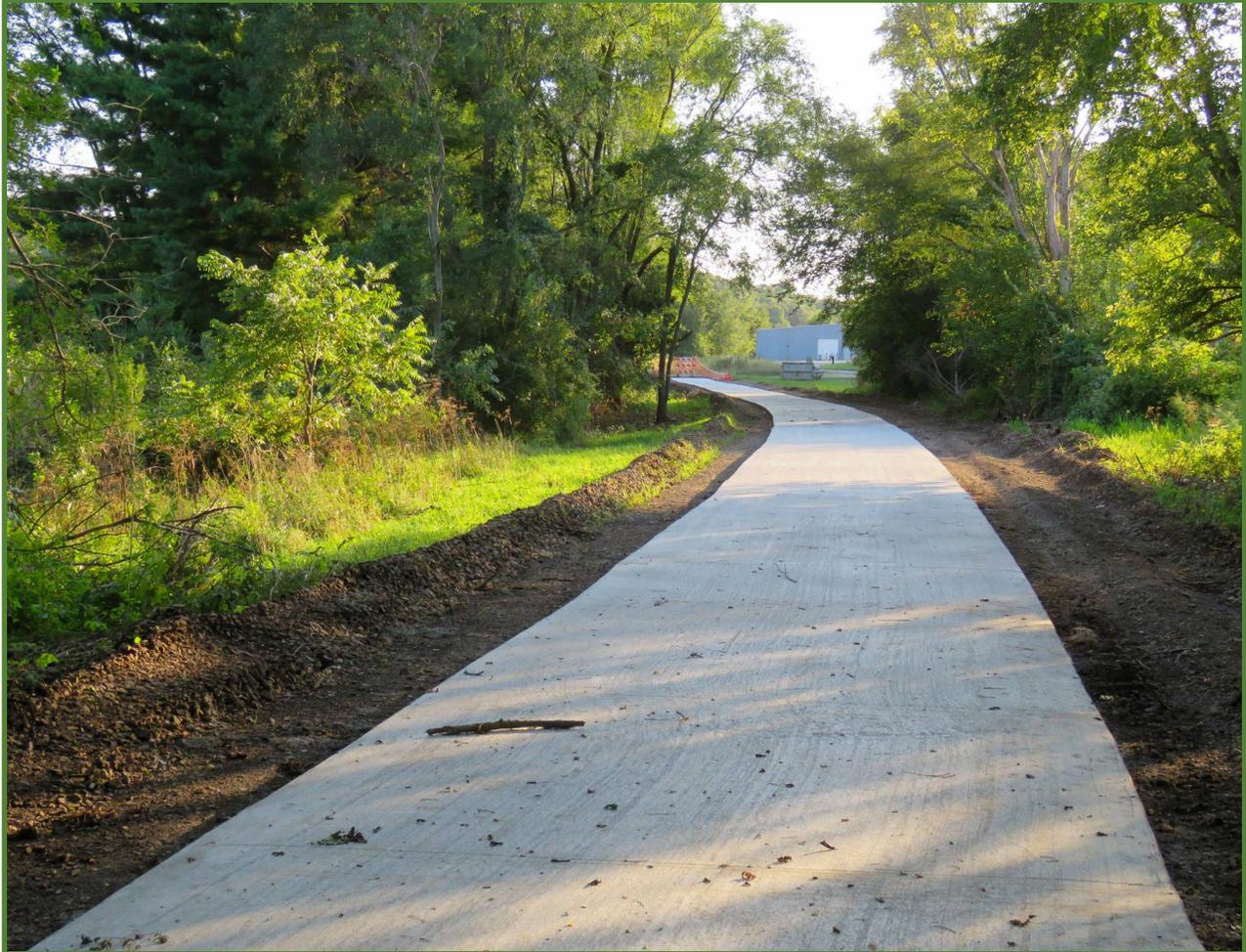
Photos of the corridor to be paved

Item E - Digital Photographs



Iowa River's Edge Trail is actively being used in its interim developed state by hikers, fat tire bikers, snowmobilers and cross-country skiers. Paving the additional 2 miles and the current rehabilitation will open the corridor to more users and create a safer space to enjoy the outdoors.

Item E - Digital Photographs



The proposed two miles to be constructed will match the quality and experience of previous phased work completed like the segment from another section of the Iowa River's Edge Trail shown above.

Item F - Itemized Breakdown

Budget Item	Unit	Quantity	Unit Price	Total Amount
Trail Development	mi	2	\$ 400,000.00	\$ 800,000.00
			Construction Costs	\$ 800,000.00
			Preliminary Engineering	\$ 80,000.00
			Construction Engineering	\$ 120,000.00
			Project Development Total	\$ 1,000,000.00

Funding Source	Status	Amount
State Recreational Trails Fund	Anticipated	\$ 300,000.00
Federal Recreational Trails Fund	Anticipated	\$ 300,000.00
REAP Grant (Eldora)	Anticipated	\$ 75,000.00
Wellmark	Anticipated	\$ 100,000.00
Doppelt Family Trail Development Fund	Anticipated	\$ 10,000.00
Land and Water Conservation Fund	Anticipated	\$ 115,000.00
Local foundations and fundraising	Anticipated	\$ 100,000.00
Total		\$ 1,000,000.00

Budget was determined based on recent bids received on similar projects and using the average design and construction engineering costs found in the application packet. Construction costs also mirror the typical cost per miles of rolling terrain found in the State Bicycle and Pedestrian Plan. We have found with previous paving projects along the River's Edge Trail that it is more appropriate to use this estimate than a typical former railroad corridor due to the nature of the right-of-way traversing the Iowa River Greenbelt. While the total project cost is \$1,000,000, we are planning to submit \$2,000,000 in funding requests in case we do not receive COVID-19 Relief Funds.

Item G - Time Schedule

DATE	PROJECT DEVELOPMENT PHASE OR NEPA COMPLIANCE STUDY/SURVEY
Completed 2014	Right-of-way Acquisition
October 2021	Concept Statement
November 2021	Preliminary Plans
November 2021	NEPA Clearance
December 2021	Check Plans
January 2021	Final Plans & PDC
March 2022	Bid Letting
November 2022	Construction
2023	Project Closeout

Item H - Official Endorsement

The award of State Recreational Trails program funds; any subsequent funding or letting of contracts for design, construction, reconstruction, improvement, or maintenance; or the furnishing of materials for this project shall not involve direct or indirect interest, prohibited by Iowa Code 314.2, 362.5, or 331.342, of any state, county, or city official, elective or appointive. Any award of funding or any letting of a contract in violation of the foregoing provisions shall invalidate the award of funding and authorize a complete recovery of any funds previously disbursed.

Certification

To the best of my knowledge and belief, all information included in this application is true and accurate, including the commitment of all physical and financial resources. This application has been duly authorized by the participating local authority. I understand that the attached **official endorsement(s)** binds the participating authority to assume responsibility for adequate maintenance of any new or improved facilities.

I understand that, although this information is sufficient to secure a commitment of funds, an executed contract between the applicant and the Iowa DOT is required prior to the authorization of funds.

Representing the Hardin County Board of Supervisors


Signature

BJ Hoffman - Chair
Typed Name and Title

Item J – Adjacent Property Owners Narrative

The Iowa River's Edge Trail has been an evolving project for more than eight years as evidenced in the Marshalltown Times-Republican's first published article in March of 2011. The news story covered the series of events that took place up to and at the Iowa Department of Transportation's public meeting in Eldora. Many interested landowners and businesses serviced by the rail attended to learn more about the impending Iowa River Railroad abandonment and what it meant for them. Community members and local leaders voiced interest in a trail if rail service was no longer a viable option.

In early spring of 2012, a large group of individuals representing city councils, county supervisors, cycling clubs, economic development corporations, businesses, healthcare industries, and many who were in attendance at the IDOT meeting the year before, gathered again. The Iowa River Railroad had officially filed to discontinue rail service along the corridor. Those attending the meeting were discussing the next steps for the right-of-way and whether a trail would be a good fit.

By the summer of 2012, staff from Iowa Natural Heritage Foundation (INHF) had presented information to the Marshall County Supervisors at a formal supervisor's meeting as well as meeting with them and representatives from Marshall County Conservation Board, Liscomb, Albion, and Marshalltown in a more formal public meeting atmosphere. INHF staff had also met by that time with Hardin County Supervisors, Hardin County Conservation Board, Union, Eldora, and Steamboat Rock to share more detailed information and to gauge community/public support for the project- and whether to proceed with acquisition. In May of 2012 all jurisdictions had agreed to file for a Notice of Interim Trail Use for the corridor.

Community meetings were held in both Marshall and Hardin County throughout 2013. Nearly each meeting has been chronicled by the Times-Republican making even those that did not attend aware of the on-going trail planning. The Times-Republican's editorial entitled, "Consider the benefits of developing a recreational trail," or the two additional letters to the editor, "City council should vote yes to support the trail," and "Major investments prove value over time," are just some indicators of the acceptance and support the Iowa River Trail has been receiving.

In February of 2014, the Hardin County Board of Supervisors officially established a County Trails Commission. The commission oversees the 22-mile segment of the future Iowa River Trail in Hardin County. They are tasked with a variety of duties that are vital to the continued development of the Iowa River Trail: fundraising, project planning, development of rules and regulations, management and maintenance, etc.

The County Trails Commission meets bimonthly with TRAILS, Inc (Marshalltown/Marshall County's mirroring collaboration) to create what is known as the Joint Committee. The Joint Committee meetings are open to the public. Minutes of the meeting are posted and shared with each jurisdiction along the Iowa River Trail.

To date, there have been minimal concerns raised by adjacent landowners, and any concerns brought to us were immediately addressed.

Item K - Letters of support



IRTH Commission - Iowa River's Edge Trail Project
Hardin County, Iowa
1215 Edgington Ave
Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project,

I write on behalf of the City of Eldora in support of the Iowa River's Edge Trail Project. As a City governmental entity of Hardin County and specifically of Eldora, Iowa, we are excited on what the completion of the Iowa River's Edge Trail will mean for our community.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being, and economic opportunities for all communities in Hardin County.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter will be taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,

A handwritten signature in blue ink, appearing to read "David W. Dunn".

David W Dunn
Mayor

A handwritten signature in blue ink, appearing to read "Aaron Budweg".

Aaron Budweg
City Administrator

1442 Washington Street
Eldora, Iowa 50627
Phone 641-939-2393 www.eldoraiowa.com

CITY OF

MAYOR

Tim Stearns

*"A Valley
Of
Friendliness"*



COUNCIL MEMBERS

*Adam Blackburn
Jackie Hagberg
Wren Hoffman
Kevin Pieters
Cory Schurman*

IRTH Commission - Iowa River's Edge Trail Project
Hardin County, Iowa
1215 Edgington Ave
Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project,

This correspondence is from the City of Steamboat Rock in support of the Iowa River's Edge Trail Project. As a community in Hardin County and specifically the City of Steamboat Rock, we are excited about what the completion of the Iowa River's Edge Trail will mean for our community.

The undertaking of this project will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. With Steamboat Rock's location on the trail, our community will be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

Please take this letter of support into consideration as you discuss additional financial support toward the continued development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,

Timothy A. Stearns
MAYOR

IRTH Commission - Iowa River's Edge Trail Project
Hardin County, Iowa
1215 Edgington Ave
Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project,

I write on behalf of the City of Union, Iowa in support of the Iowa River's Edge Trail Project. As the Mayor of Union, IA, Hardin County and specifically of Union, we are excited on what the completion of the Iowa River's Edge Trail will mean for our community.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter will be taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,

A handwritten signature in black ink that reads "Stephen J. Carson". The signature is written in a cursive style with a large, prominent "S" at the beginning.

Mayor
City of Union, Iowa



Hardin County Conservation Board

www.hardincountyconservation.com

Hardin County Conservation Board
 Headquarters
 15537 S Avenue
 Ackley, Iowa 50601-7734
 Phone: 641-648-4361
 FAX: 641-648-2739
 E mail: conservationhq@hardincountyia.gov

Calkins Nature Area
 18335 135th Street
 Iowa Falls, Iowa 50126-8511
 Phone: 641-648-9878
 FAX: 641-648-9878
 E mail: calkins@hardincountyia.gov

April 13, 2021

IRTH Commission - Iowa River's Edge Trail Project
 Hardin County, Iowa
 1215 Edgington Ave
 Eldora, IA 50627

To IRTM Commission Board – Iowa River's Edge Trail Project,

I write on behalf of Hardin County Conservation Board in support of the Iowa River's Edge Trail Project. As a government department of Hardin County, we are excited on what the completion of the Iowa River's Edge Trail will mean for our community.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

Thank you for your consideration.

Sincerely,

Jessica Lara, Chair
 Hardin County Conservation Board

**Iowa's Ride Weekender
Eldora, Iowa
July 16-18, 2021**

IRTH Commission - Iowa River's Edge Trail Project
Hardin County, Iowa
1215 Edgington Ave
Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project,

We write on behalf of the Annual Iowa's Ride Weekender Eldora committee in support of the Iowa River's Edge Trail Project. As residents of Hardin County and specifically Eldora, we are excited on what the completion of the Iowa River's Edge Trail will mean for our community.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community will be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter will be taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,



Marc Anderson
Committee Member



Christie Pence
Committee Member



IRTH Commission - Iowa River's Edge Trail Project
Hardin County, Iowa
1215 Edgington Ave
Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project,

We write on behalf of 2015 RAGBRAI Eldora overnight committee in support of the Iowa River's Edge Trail Project. As a resident of Hardin County and specifically Eldora, we are excited on what the completion of the Iowa River's Edge Trail will mean for our community.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community will be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter will be taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,

Marc Anderson
Committee Member

Christie Pence
Committee Member



Civilian Conservation Corps/Prisoner of War
 Recreational Hall & Military Museum
 P.O. Box 21
 409 - 11th Avenue
 Eldora, Iowa 50627

(located on the Hardin County Fairgrounds 1 block north of the Eldora Cemetery)

e-mail: cccpowrechall@gmail.com

face book: Civilian Conservation Corps/POW Rec Hall & Museum
 web page: cccpowrechallmuseum.omeka.net

IRTH Commission - Iowa River's Edge Trail Project
 Hardin County, Iowa
 1215 Edgington Ave
 Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project,

I write on behalf of the Civilian Conservation Corps/Prisoner of war Recreational Hall and Military Museum in support of the Iowa River's Edge Trail Project. As a Historical Museum of Hardin County and specifically of Eldora, we are excited on what the completion of the Iowa River's Edge Trail will mean for our community.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter will be taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,

Becky Rose, Chair & Volunteers of the
 CCC/POW Rec Hall & Military Museum

IRTH Commission - Iowa River's Edge Trail Project
Hardin County, Iowa
1215 Edgington Ave
Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project,

I write on behalf of **Eldora Mothers of Preschoolers (MOPS)** in support of the Iowa River's Edge Trail Project. As an organization of Hardin County and specifically of **Eldora, IA**, we are excited about what the completion of the Iowa River's Edge Trail will mean for our community.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community will be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County. This trail will provide educational and recreational activities for the children and families that Eldora MOPS serves.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter will be taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,



Joanna Heidemann, director of Eldora MOPS



To Whom It May Concern,

I am writing to recommend The Rivers Edge Trail Project for Trail funding.

I have known The Rivers Edge Trail Project for many years and have nothing but positive things to say. We work in coordination with each other helping to provide outdoor recreational trails to our surrounding communities. There is no doubt in my mind that The Rivers Edge Trail Project will be an excellent addition to your giving perimeters.

Outdoor recreational trails are becoming more important to society and are solely funded by grants like yours. They tend to be very expensive consisting of engineering costs along with expensive bridges and materials.

Please do not hesitate on contacting me at 262-853-8962 or astack2583@hotmail.com if you have any further questions or requests.

Regards,

Alison Campbell
Committee Chair
Hardin County Recreational Trails PO Box 195
Iowa Falls, Iowa 50126



**THRIVENT
FINANCIAL®**

Be Wise With Money™

Pine Lake Financial Associates



O 641-858-2050 F 641-939-7897
1710 Edgington Ave
Eldora, IA 50627

Financial professionals:

Chris Wieting, FIC, Financial Consultant
Ron Wieting, ChFC®, CLU®, FIC, Associate
Nolan C Johnson, Associate

IRTH Commission - Iowa River's Edge Trail Project
Hardin County, Iowa
1215 Edgington Ave
Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project,

I write on behalf of Thrivent Financial-Pine Lake Financial Associates in support of the Iowa River's Edge Trail Project. As a business of Hardin County and specifically of Eldora, we are excited on what the completion of the Iowa River's Edge Trail will mean for our community.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter will be taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,

Chris Wieting



IRTH Commission - Iowa River's Edge Trail Project
Hardin County, Iowa
1215 Edgington Ave
Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project,

I write on behalf of Great Western Bank, Eldora in support of the Iowa River's Edge Trail Project. As a business of Hardin County and specifically of Eldora, we are excited on what the completion of the Iowa River's Edge Trail will mean for our community.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community will be well positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter is taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,

A handwritten signature in black ink that reads 'Deborah Crosser'. The signature is fluid and cursive, with a long horizontal line extending to the right.

Deborah Crosser
Branch Manager
Great Western Bank
1402 Washington St
Eldora, IA 50627

"Antiques by Mona"
17552 V Avenue
Steamboat Rock, IA 50672

IRTH Commission - Iowa River's Edge Trail Project
Hardin County, Iowa
1215 Edgington Ave
Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project,

I write on behalf of "Antiques by Mona" in support of the Iowa River's Edge Trail Project. As a business of Hardin County and specifically of Steamboat Rock, we are excited on what the completion of the Iowa River's Edge Trail will mean for our community.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter will be taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,

Douglas R & Ramona R Bleeker
Proprietors, "Antiques by Mona"

IRTH Commission - Iowa River's Edge Trail Project
Hardin County, Iowa
1215 Edgington Ave
Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project,

I write on behalf of The Gifford Station, LLC in support of the Iowa River's Edge Trail Project. As a commercial property owner of Hardin County and specifically of Gifford, we are excited on what the completion of the Iowa River's Edge Trail will mean for our community.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter will be taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,



Adam Nederhoff, Member/Manager of The Gifford Station, LLC

**UNION-WHITTEN INSURANCE AGENCY
415 CENTER STREET
UNION, IA 50258
641 486 - 5332**

IRTH Commission - Iowa River's Edge Trail Project
Hardin County, Iowa
1215 Edgington Ave
Eldora, IA 50627

To: IRTH Commission Board – Iowa River's Edge Trail Project,

I write on behalf of Union-Whitten Insurance in support of the Iowa River's Edge Trail Project. As a business of Hardin County and specifically Union, we are excited on what the completion of the Iowa River's Edge Trail will mean for our community. We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community will be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County. The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter will be taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.
Thank you for your consideration.

Sincerely,

Rick Schult, Mgr.





BROWN-HURST
INSURANCE AGENCY, INC.

PO Box 311
1234 12th Street
Eldora, Iowa 50627

P: 641.939.3404
F: 641.939.2561

IRTH Commission - Iowa River's Edge Trail Project
Hardin County, Iowa
1215 Edgington Ave
Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project,

We write on behalf of Brown-Hurst Insurance in support of the Iowa River's Edge Trail Project. As a business of Hardin County and specifically Eldora and Union, we are excited on what the completion of the Iowa River's Edge Trail will mean for our communities.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community will be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter will be taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,

Dianne Haywood
Agent



Independent Insurance Agent

Trust Brown-Hurst Insurance for all your auto, home, life, health, and commercial insurance needs.



IRTH Commission - Iowa River's Edge Trail Project
Hardin County, Iowa
1215 Edgington Ave
Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project,

I write on behalf of Hardin County Savings Bank in support of the Iowa River's Edge Trail Project. As a business of Hardin County and specifically with locations in Eldora and Union, we are excited on what the completion of the Iowa River's Edge Trail will mean for our communities.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our communities will be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter will be taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,

A handwritten signature in cursive script that reads 'David Vander Wilt'.

David Vander Wilt
President

Gehrke Inc.

P.O. Box 228 • 1405 21st Avenue
Eldora, Iowa 50627
641-858-3821 • Fax 641-858-2564

IRTH Commission - Iowa River's Edge Trail Project
Hardin County, Iowa
1215 Edgington Ave
Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project,

I write on behalf of Gehrke Inc. in support of the Iowa River's Edge Trail Project. As a Business of Hardin County and specifically of Eldora, we are excited on what the completion of the Iowa River's Edge Trail will mean for our community.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County.

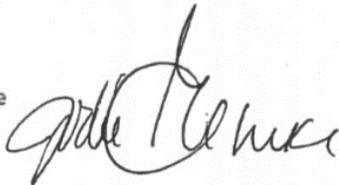
The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter will be taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,

Jodie Gehrke
Gehrke Inc.





BANKING • INSURANCE • REAL ESTATE • INVESTMENTS

www.greenbeltbank.com

1-800-648-2544

IRTH Commission - Iowa River's Edge Trail Project
 Hardin County, Iowa
 1215 Edgington Ave
 Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project:

I write on behalf of Green Belt Bank & Trust in support of the Iowa River's Edge Trail Project. As a business of Hardin County and specifically of Eldora, we are excited on what the completion of the Iowa River's Edge Trail will mean for our community.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter will be taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,

John F. Schuller, Market President
 Email jschuller@greenbeltbank.com
 Work 319.824.2500
 Cell 319.939.4365

P.O. Box 790
 Iowa Falls, IA 50126
 Ph. 641-648-2544
 Fax 641-648-3273

419 Sherman Ave.
 Ackley, IA 50601
 Ph. 641-847-0011
 Fax 641-847-0022

1509 Edgington Ave.
 Eldora, IA 50627
 Ph. 641-858-2005
 Fax 641-858-2505

P.O. Box 130, 508 G Ave.
 Grundy Center, IA 50638
 Ph. 319-824-2600
 Fax 319-824-2201

120 E. Main St.
 Belmond, IA 50421
 Ph. 641-444-3956
 Fax 641-444-3958



IRTH Commission - Iowa River's Edge Trail Project
Hardin County, Iowa
1215 Edgington Ave
Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project,

We write on behalf of Eldora Broadcasting Company, Inc. in support of the Iowa River's Edge Trail Project. As a Hardin County business serving Eldora and the surrounding communities, we are excited on what the completion of the Iowa River's Edge Trail will mean for our area.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter will be taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark Osmundson', written in a cursive style.

Mark Osmundson
President and General Manager

IRTH Commission - Iowa River's Edge Trail Project
Hardin County, Iowa
1215 Edgington Ave
Eldora, IA 50627

To IRTH Commission Board – Iowa River's Edge Trail Project,

I write on behalf of Rock N Row Adventures in support of the Iowa River's Edge Trail Project. As a Business of Hardin County and specifically of community of Eldora, we are excited on what the completion of the Iowa River's Edge Trail will mean for our community.

We know that a project of this undertaking will add to the already rich outdoor recreation assets of Hardin County by adding a unifying connection point. In doing so our community be positioned for the future. The project will have a lasting positive impact, especially to the health, culture, well-being and economic opportunities for all communities in Hardin County.

The Iowa River's Edge Trail has been successful in leveraging funding from state, local, and private sources. Additional future support will be critical to help realize the completion of this valuable community and economic development project. The opportunity to support one of Iowa's most significant trail segments will provide benefit to the region and clarity to trail users and seekers.

We hope our letter will be taken into consideration for additional financial support toward the further development of the Iowa River's Edge Trail.

Thank you for your consideration.

Sincerely,



Tracy R Morlan, CEO
Rock N Row Adventures
Eldora, IA 50627

Item L - Minority Impact Statement



Minority Impact Statement

Pursuant to 2008 Iowa Acts, HF 2393, Iowa Code 8.11, all grant applications submitted to the State of Iowa that are due beginning Jan. 1, 2009, shall include a Minority Impact Statement. This is the state's mechanism for requiring grant applications to consider the potential impact of the grant project's proposed programs or policies on minority groups.

Please choose the statement(s) that pertains to this grant application. Complete all the information requested for the chosen statement(s). Submit additional pages as necessary.

- The proposed grant project programs or policies could have a disproportionate or unique **positive** impact on minority persons.

Describe the positive impact expected from this project.

Indicate which groups are impacted:

- Women Persons with a Disability Blacks Latinos Asians
- Pacific Islanders American Indians Alaskan Native Americans Other _____

- The proposed grant project programs or policies could have a disproportionate or unique **negative** impact on minority persons.

Describe the negative impact expected from this project:

Present the rationale for the existence of the proposed program or policy:

Provide evidence of consultation with representatives of the minority groups impacted:

Indicate which groups are impacted:

- Women
- Persons with a Disability
- Blacks
- Latinos
- Asians
- Pacific Islanders
- American Indians
- Alaskan Native Americans
- Other _____

The proposed grant project programs or policies are **not expected to have** a disproportionate or unique impact on minority persons.

Present the rationale for determining no impact:

The Iowa River's Edge Trail will be constructed to be inclusive of all users and built to AASHTO and ADA standards.

I hereby certify that the information on this form is complete and accurate, to the best of my knowledge.

Name  A.S.N. E.M.T.

Title Chair, Hardin County Board of Supervisors

Definitions

"Minority Persons," as defined in Iowa Code 8.11, means individuals who are women, persons with a disability, Blacks, Latinos, Asians or Pacific Islanders, American Indians, and Alaskan Native Americans.

"Disability," as defined in Iowa Code 15.102, subsection 7, paragraph "b," subparagraph (1):

b. As used in this subsection:

(1) "Disability" means, with respect to an individual, a physical or mental impairment that substantially limits one or more of the major life activities of the individual, a record of physical or mental impairment that substantially limits one or more of the major life activities of the individual, or being regarded as an individual with a physical or mental impairment that substantially limits one or more of the major life activities of the individual.

"Disability" does not include any of the following:

- (a) Homosexuality or bisexuality.
- (b) Transvestism, transsexualism, pedophilia, exhibitionism, voyeurism, gender identity disorders not resulting from physical impairments or other sexual behavior disorders.
- (c) Compulsive gambling, kleptomania, or pyromania.
- (d) Psychoactive substance abuse disorders resulting from current illegal use of drugs.

"State Agency," as defined in Iowa Code 8.11, means a department, board, bureau, commission, or other agency or authority of the State of Iowa.



HARDIN COUNTY

Engineer's Office

TAYLOR ROLL, P.E. | ENGINEER
708 16TH STREET
ELDORA, IA 50627
OFFICE: 641.858.5058
FAX: 641.858.3182
TROLL@HARDINCOUNTYIA.GOV

The Hardin County Board of Supervisors will accept quotes on a year's supply of fuel at their regular meeting 9:00 am, Wednesday, June 15, 2022, located in the Courthouse in Eldora, Iowa. Please submit your bid in a **SEALED** envelope to the Hardin County Engineer's Office at **708 16th St, Eldora, IA 50627** by **Wednesday June 15, 2022, by 8:30AM**.

The following specifications shall apply:

1. A contract for a year's supply of fuel shall be agreed upon by July 06, 2022.
2. The County reserves the right to accept or reject any or all quotes and to negotiate with one or more suppliers.
3. Deliveries of gasoline and diesel fuel shall be made to the County shop at Eldora, to the storage tanks at the various maintenance garages in Hardin County, and to equipment located at various places in the County where construction work is being carried on.
4. Deliveries of gasoline and diesel fuel shall be delivered to the storage tank of the Hardin County Conservation Commission.
5. Propane gas shall be delivered to the Maintenance Garage at Buckeye and to the Hardin County Conservation Commission.
6. Prices quoted will be based on Cents Per Gallon to be paid above the market fuel price. Upon Hardin County's request a statement of market fuel prices or invoices from the wholesale supplier must be furnished when requested.
7. In determining the low bidder, the Cents per Gallon above market fuel prices, times the quantity of fuel needed, will determine each bidder's quote. The low total will determine the low bidder.
8. Hardin County reserves the right to decide on the quality of the products being delivered. If it is deemed inferior to the needs of the County, the Board of Supervisors may terminate the contract by giving written notice to the supplier of their intention. Such notice shall state that the products are not suitable, and in case of such summary termination of the contract, Hardin County shall not be held liable for any general damage to the supplier.
9. Separate invoices with a copy of the delivery tickets shall be filed on forms furnished by Hardin County. Such forms may be filed with the Hardin County Auditor for fuel used by the Conservation Commission. Fuel used by the Secondary Road Department will be paid through the Hardin County Engineer's Office.
10. Bidding forms as furnished by Hardin County must be used.

[HTTP://WWW.HARDINCOUNTYIA.GOV](http://www.hardincountyia.gov)

Bruce Dieken
Assistant to Engineer
bdieken@hardincountyia.gov

Joe Donald
Engineering Technician
jdonald@hardincountyia.gov

Allison Lake
Office Manager
alake@hardincountyia.gov

Greg Ringena
Maint. Superintendent
gringena@hardincountyia.gov

Mark Oliver
Asst. Maint. Superintendent
moliver@hardincountyia.gov



HARDIN COUNTY

Engineer's Office

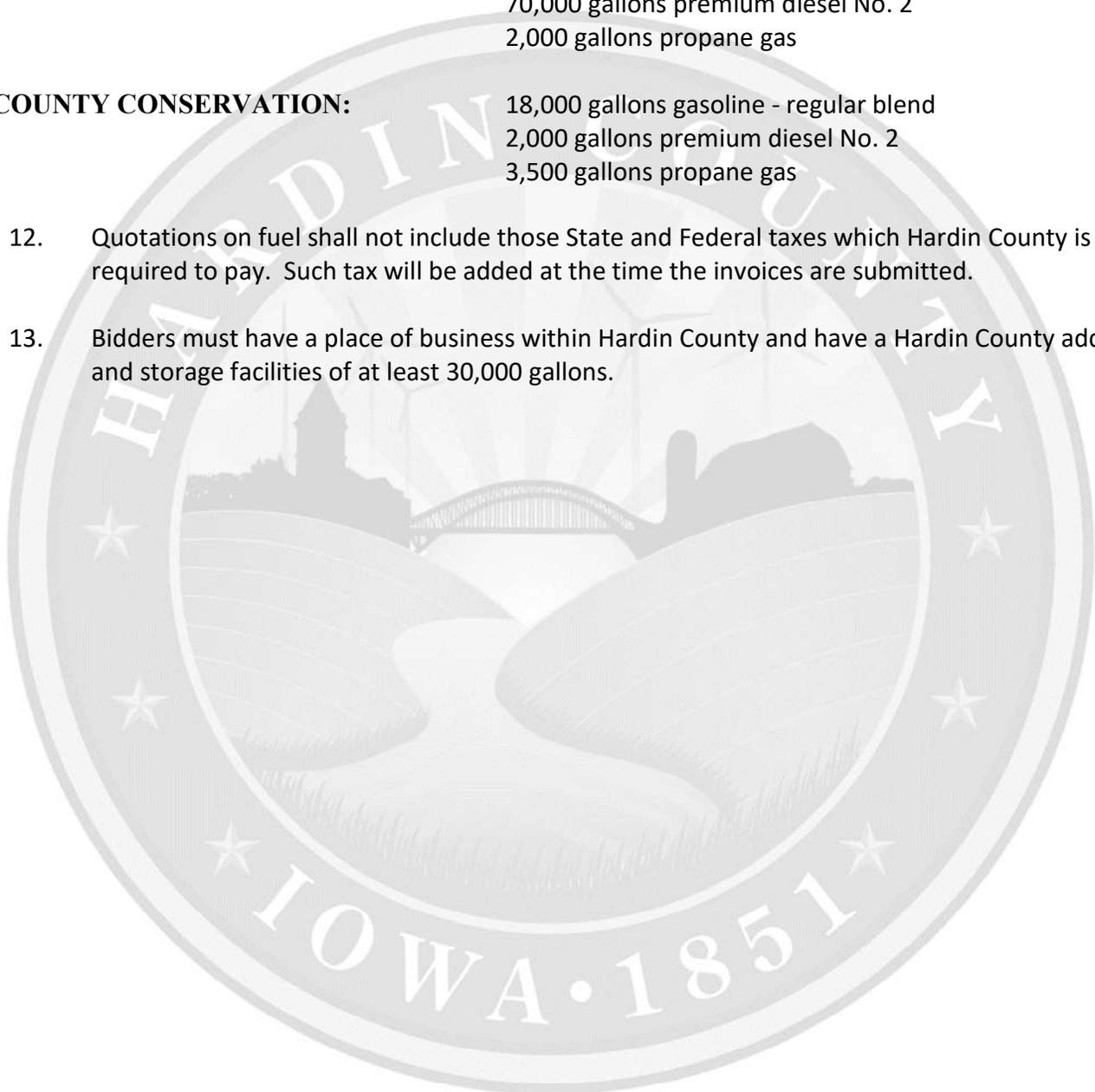
TAYLOR ROLL, P.E. | ENGINEER
708 16TH STREET
ELDORA, IA 50627
OFFICE: 641.858.5058
FAX: 641.858.3182
TROLL@HARDINCOUNTYIA.GOV

11. Material to be purchased consists of the season's supply of gasoline – ethanol blend, regular gasoline, diesel fuel, and propane gas, or approximately:

FOR COUNTY SHOP BUILDINGS: 30,000 gallons gasoline - ethanol blend
20,000 gallons premium diesel No. 1
70,000 gallons premium diesel No. 2
2,000 gallons propane gas

FOR COUNTY CONSERVATION: 18,000 gallons gasoline - regular blend
2,000 gallons premium diesel No. 2
3,500 gallons propane gas

12. Quotations on fuel shall not include those State and Federal taxes which Hardin County is required to pay. Such tax will be added at the time the invoices are submitted.
13. Bidders must have a place of business within Hardin County and have a Hardin County address and storage facilities of at least 30,000 gallons.



BIDDING PROPOSAL
For Locally Let Federal-aid Contracts

Type of Work Fuel Bids Project No. _____

Letting Date 9:00 a.m., June 15, 2022 Length (Miles) _____ City/County Hardin

Location _____

Description of Work: Season's supply of gasohol, diesel fuel, and propane gas by Tank Wagon

DBE Goal (%)	Amount of Proposal Guaranty	Working Day Contracts		Calendar Date Contracts	Liquidated Damages Per Day
		Working Days	Start Date	Completion Date	
0.00	\$1,000.00			July 1, 2022 - June 30, 2023	

The bidder hereby certifies that no other principal is involved in or has an interest in this proposal; that the bidder has thoroughly examined the plans and specifications and this contract form and is aware of the special provisions contained herein; that the bidder has examined the site of the work and understands that the quantities of work required by the plans and specifications are approximate only and are subject to increases and decreases; that the bidder understands that all quantities of work actually required must be performed and that payment therefore shall be at the unit prices stipulated herein; that the bidder proposes to timely furnish the specified materials in the quantities required and to furnish the machinery, equipment, labor and expertise necessary to competently complete this project by the time specified; that no state or county official or employee has a direct or indirect interest in the contract which would cause violation of Iowa Code Section 314.2; that the bidder has made no agreement with any supplier of motor fuel or special fuel which will result in violation of Iowa Code Section 452A.17(8).

If this bid is accepted, Bidder agrees: to perform all "extra work" required to complete the project at unit prices or lump sums to be agreed upon in writing prior to commencement of such "extra work" or, if prior agreement cannot be reached, to perform the work on a "force-account basis" as provided in the specifications; to execute the formal contract within thirty days of the date of approval for award or to forfeit the proposal guaranty furnished herewith; to begin work in accordance with the contract documents and to either complete the work within the contract period or pay liquidated damages, which shall accrue at the daily rate specified above, for each additional working day the work remains uncompleted; and to furnish a performance bond in an amount equal to the contract award as security for the full and complete performance of the contract in accordance with the plans and specifications.

Enclosed herewith is a certified check, credit union share draft, cashier's check, bank draft on a solvent bank or a bid bond in the penal sum shown in the contract document as a proposal guaranty. It is understood by bidder that the said guaranty document shall be retained by the Contracting Authority as a forfeiture in the event the formal contract is not executed or performance bond is not furnished if the award is made to the undersigned.

The signing of this Bid Document shall serve as an unsworn declaration that, I (the owner, partner, President, other corporate officer, or an authorized representative) hereby certify under penalty of perjury under the laws of the United States and the State of Iowa that I have read, understand, and accept the Bidding Certifications and other provisions contained in the Proposal Notice and the DBE Contract Provisions (if a DBE goal has been set).

Proposal of _____
Name of Bidder

Street Address

City State Zip Code

Federal Tax I.D. No. _____

Signatures are to be by authorized agent. If joint venture, each shall sign.

Signature Date Signature Date



State of Iowa

Alcoholic Beverages Division

Applicant

NAME OF LEGAL ENTITY	NAME OF BUSINESS(DBA)	BUSINESS		
Pine Lake Country Club	Pine Lake Country Club	(641) 858-3031		
ADDRESS OF PREMISES	PREMISES SUITE/APT NUMBER	CITY	COUNTY	ZIP
22502 Co. Hwy S 56		Eldora	Hardin	50627-0000
MAILING ADDRESS	CITY	STATE	ZIP	
22502 Co. Hwy S 56 P.O. Box 428	Eldora	Iowa	50627-0000	

Contact Person

NAME	PHONE	EMAIL
Diana Dickenson	(224) 275-4414	plcc@heartofiowa.net

License Information

LICENSE NUMBER	LICENSE/PERMIT TYPE	TERM	STATUS
LC0029404	Class C Liquor License	12 Month	Submitted to Local Authority

TENTATIVE EFFECTIVE DATE	TENTATIVE EXPIRATION DATE	LAST DAY OF BUSINESS
July 17, 2022	July 16, 2023	

SUB-PERMITS

Class C Liquor License



State of Iowa

Alcoholic Beverages Division

PRIVILEGES

Outdoor Service, Sunday Service

Status of Business

BUSINESS TYPE

Privately Held Corporation

Ownership

• Individual Owners

NAME	CITY	STATE	ZIP	POSITION	% OF OWNERSHIP	U.S. CITIZEN
KEN BROWNLEE	ELDORA	Iowa	50627	TREASURER	0.00	Yes
KEVIN ENGELKING	ELDORA	Iowa	50627	BOARD PRESIDENT	0.00	Yes
MARSHA PETTIGREW	ELDORA	Iowa	50627	SECRETARY BOARD OF DIRECTORS	0.00	Yes
Sharla Ashby						

Insurance Company Information

INSURANCE COMPANY

Wadena Insurance Company

POLICY EFFECTIVE DATE

Jan 23, 2022

POLICY EXPIRATION DATE

Jan 23, 2023



State of Iowa

Alcoholic Beverages Division

DRAM CANCEL DATE

OUTDOOR SERVICE EFFECTIVE
DATE

OUTDOOR SERVICE EXPIRATION
DATE

BOND EFFECTIVE DATE

TEMP TRANSFER EFFECTIVE
DATE

TEMP TRANSFER EXPIRATION
DATE

This Memorandum of Understanding (hereinafter "MOU") is entered into between Central Iowa Community Services (CICS) and Hardin County, Iowa.

- I. **MENTAL HEALTH DISABILITY SERVICES CLIENT FILES.** In recognition that Hardin County, Iowa is a member county of Central Iowa Community Services 28E Agreement to create a mental health and disability service region to provide local access to mental health and disability services, it is acknowledged that ownership and possession of client mental health and disability services files generated prior to July 1, 2013 shall be transferred to CICS effective July 1, 2022. The following special responsibilities are assumed by the parties:
 - a. **CICS Responsibilities.** CICS agrees to:
 - i. Follow and implement Health Insurance Portability and Accountability Act (HIPAA) requirements
 - ii. Follow and implement any other Federal, State, or local laws governing confidentiality of client information
 - b. **Hardin County Responsibilities.** Hardin County agrees to:
 - i. Release client files to CICS
 - ii. Inform individuals requesting records to contact CICS
- II. **TERMINATION.** This MOU shall remain in effect through June 30, 2023. The requirements under I. a. and I. b. shall survive the ending or termination of this agreement. The agreement is subject to revision due to legislation, change in operating practices and policies of the involved parties, or other factors, as agreed to by the involved parties. It may be amended by mutual written agreement of the parties.
- III. **INDEMNIFICATION.** Each party agrees to hold harmless all other parties (including its officers, agents and employees) from and against any and all claims, demands, liabilities and costs incurred by the indemnified party, including reasonable attorney's fees, directly or indirectly arising out of or in connection with the indemnifying party's performance, or any service, or any other act or omission by or under the direction of the indemnifying party, or its officers, agents or employees.
- IV. **NOTICES.** All notices related to this MOU shall be addressed as follows:
 - a. To: Hardin County Board of Supervisors:
Attn: Board Chair
1215 Edgington Ave., Ste. 1
Eldora, IA 50627
 - b. To: CICS – Story County
Attn: Operations Officer
126 S. Kellogg Ave., Ste. 001
Ames, IA 50010

MOU Between Central Iowa Community Services and Hardin County, Iowa

IN WITNESS WHEREOF, the parties have here unto set their hand, and the effective date of this agreement is the _____ day of _____ 2022 .

HARDIN COUNTY BOARD OF SUPERVISORS

1215 Edginton Ave. Ste. 1
Eldora, IA 50627

CENTRAL IOWA COMMUNITY SERVICES

126 S. Kellogg Ave., Ste. 001
Ames, IA 50010

By: _____
Chair, Hardin County Board of Supervisors

By: _____
Chair, CICS Governing Board

Date: _____

Date: _____

HARDIN COUNTY UTILITY PERMIT APPLICATION



Permit No: UT-22-010

Underground
 Aerial

Permanent Installation
 Temporary Installation

This is a Utility Permit Application for telecommunications, electric, gas, water and sewer utilities. The applicant agrees to comply with the following permit requirements. Compliance shall be determined by the sole discretion of the County Engineer as deemed necessary to promote public health, safety, and general welfare. These requirements shall apply unless waived in writing by the County Engineer prior to installation.

APPLICANT NAME: INTERSTATE POWER AND LIGHT

STREET ADDRESS: 410 LAWLER STREET

CITY: IOWA FALLS STATE: IOWA ZIP: 50126

PHONE: 641-746-7611 FAX: _____ CONTACT PERSON: SERGIO MARIN

TYPE OF WORK: ELECTRICAL

1. LOCATION PLAN

An applicant shall file a completed location plan as an attachment to this Utility Permit Application. The location plan shall set forth the location of the proposed line on the secondary road system and include a description of the proposed installation.

2. WRITTEN NOTICE

At least five (5) working days prior to the proposed installation, an applicant shall file with the County Engineer a written notice stating the time, date, location, and nature of the proposed installation.

3. INSPECTION

The County Engineer may provide a full-time inspector during the installation of all lines to ensure compliance with this Utility Permit. The inspector shall have the right, during reasonable hours and after showing proper identification, to enter any installation site in the discharge of the inspector's official duties, and to make any inspection or test that is reasonably necessary to protect the public health, safety, and welfare.

4. INSPECTION FEES

The applicant shall pay actual costs directly attributable to the installation inspection conducted by the County Engineer. Within thirty (30) days after completion of the installation, the County Engineer shall submit a statement for inspection services rendered. The applicant agrees to reimburse the county within thirty (30) days of billing.

5. REQUIREMENTS

The installation inspector shall assure that the following requirements have been met:

- A. Construction signing shall comply with the Manual on Uniform Traffic Control Devices
- B. Depth – (Add additional depth if ditch has silted to the thickness of the deposited silt.) The minimum depth of cover shall be as follows:

Telecommunications....	36"	Electric.....	48"
Gas.....	48"	Water.....	60"
Sewer.....	60"		
- C. Minimum roadway overhead clearance for utility lines shall be 20 feet.
- D. The applicant shall use reference markers in the right-of-way (ROW) boundary to locate line and changes in alignment as required by the County Engineer. A permanent warning tape shall be placed one (1) foot above all underground utility lines.
- E. All tile line locations shall be marked with references located in the ROW line.
- F. No underground utility lines shall cross over a crossroad drainage structure without approval from the County Engineer.
- G. Residents along the utility route shall have uninterrupted access to the public roads. An all weather access shall be maintained for residents adjacent to the project.
- H. After construction, granular surfacing shall be added to the road by the applicant to restore the road to its original condition. After surfacing has been applied, the road surface shall be reviewed by the County Engineer once the road has been saturated, to determine if additional surfacing on the roadway by the applicant is necessary.

6. NON-CONFORMING WORK

The County Engineer may halt the installation at any time if the applicant's work does not meet the requirements set forth in this Utility Permit Application.

7. COUNTY INFRACTION

Violation of this permit is a county infraction under Iowa Code Section 331.307, punishable by a civil penalty of \$100 for each violation. Each day that a violation occurs or is permitted to exist by the applicant constitutes a separate offense.

8. HOLD HARMLESS

The utility company shall save this county harmless of any damages resulting from the applicant's operations. A copy of a certificate of insurance naming this county as an additional insured for the permit work shall be filed in the County Engineer's Office prior to installation. The minimum limits of liability under the insurance policy shall be \$1,000,000.

9. PERMIT REQUIRED

No applicant shall install any lines unless such applicant has obtained a Utility Permit from the County Engineer and has agreed in writing that said installation will comply with all ordinances and requirements of the county for such work. Applicants agree to hold the county free from liability for all damage to applicant's property which occurs proximately as a result of the applicant's failure to comply with said ordinances or requirements.

10. RELOCATION

The applicant shall, at any time subsequent to installation of utility lines, at the applicant's own expense, relocate or remove such lines as may become necessary to conform to new grades, alignment or widening of ROW resulting from maintenance or construction operations for highway improvements.

DATE: 6/1/2022 COMPANY: INTERSTATE POWER AND LIGHT

SIGNATURE: Sergio Marin

RECOMMENDED FOR APPROVAL:

DATE: 6-7-22

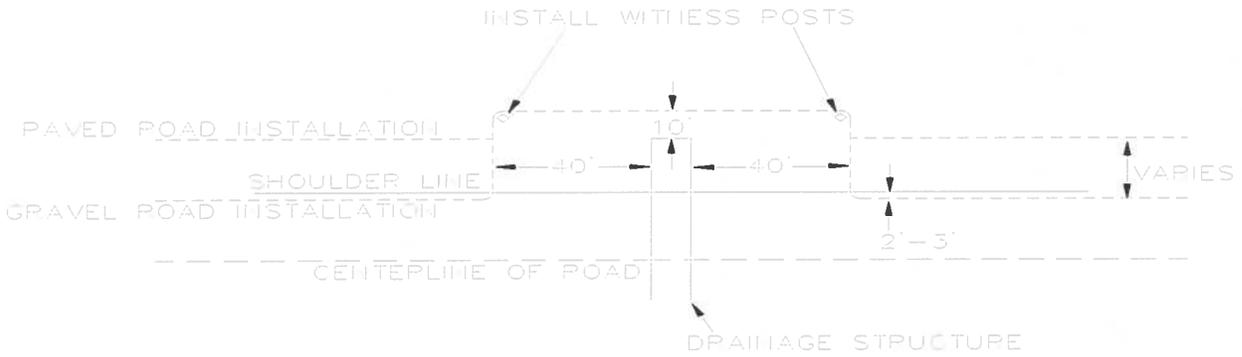
[Signature]
COUNTY ENGINEER

APPROVAL:

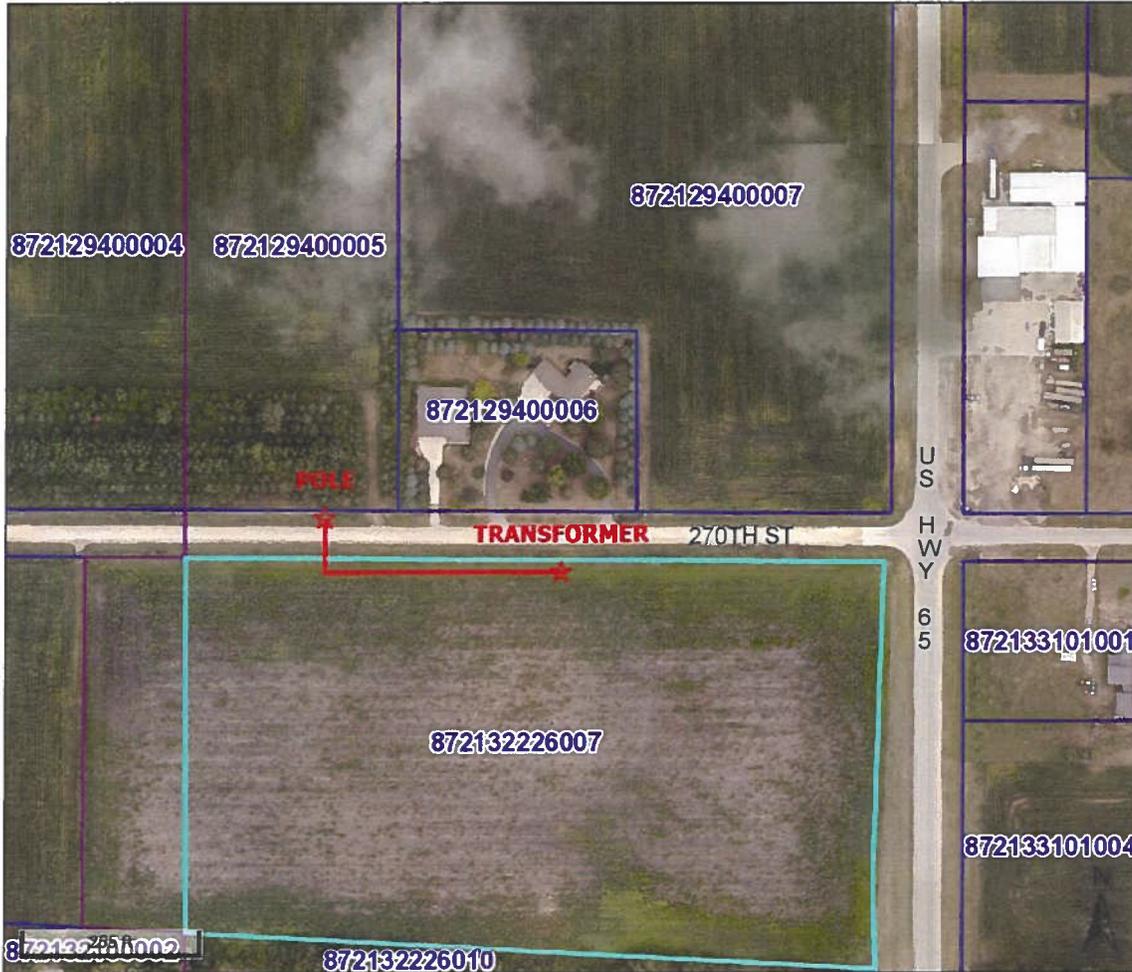
DATE: _____

CHAIRMAN, BOARD OF SUPERVISORS

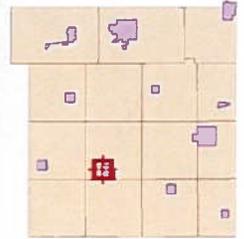
NON-BORED INSTALLATION DETAIL



BORED INSTALLATION DETAIL



Overview



Legend

-  Corporate Limits
-  Political Township
-  Parcels
-  Drainage Tiles

Parcel ID	872132226007	Alternate ID	250000100	Owner Address	State Street Land Partnership, LLC
Sec/Twp/Rng	32-87-21	Class	A		PO Box 429
Property Address	27089 US HWY 65 HARDIN	Acreage	11.85		Hubbard, IA 50122
District	71000				
Brief Tax Description	E1000FT NE NE N OF RR (PARCEL C) SEC32-T87N-R21W <i>(Note: Not to be used on legal documents)</i>				

Disclaimer: The maps included in this website do not represent a survey and are compiled from official records, including plats, surveys, recorded deeds, and contracts, and only contain information required for government purposes. No warranties, expressed or implied, are provided for the data herein, its use or its interpretation. Hardin County assumes no responsibility for use or interpretation of the data. Any person that relies on any information obtained from this site does so at his or her own risk. All critical information should be independently verified.

Date created: 6/1/2022
Last Data Uploaded: 5/31/2022 11:24:02 PM

Developed by  **Schneider**
GEOSPATIAL

Situs Cultivation, LLC
Chris Newhouse

18025 Oak Street Suite B
Omaha, Nebraska 68130

Phone (402) 973-2133
rcm202122@gmail.com

May 20, 2022

Board of Supervisors
c/o Machel
1215 Edington Ave
Eldora, IA 50627

RE: See Attached Exhibit "A"

Dear Board:

We are requesting of the Board of Supervisors the acquisition of the attached list of County Held tax liens on property in Hardin County (see Exhibit "A").

We would like to acquire a couple for a reduced amount. We would be willing to pay all the principal monies owed, plus current taxes if the Board will waive the interest that has been accruing since it became delinquent. The remaining at full redemption.

Our goal in requesting this is to acquire the property and to liquidate the property to someone who will improve and/or maintain the asset, which will increase the value of the property and the properties in the area. In addition, the taxes on these improved properties will keep revenue generating for your county/city.

We appreciate your consideration of this request and look forward to discussing further with you. If you have any questions, please feel free to contact me at 1-402-214-3866.

Respectfully,

Chris Newhouse
Director of Operations
Situs Cultivation, LLC

Exhibit "A"

Certificate # CH19003 – Parcel #891902406009 – Full Redemption

Certificate # CH19005 – Parcel #882223408008 –Principal Monies owed/
Reduction of interest

Certificate # CH19006 – Parcel #871908302006 –Principal Monies owed/
Reduction of interest

Certificate # CH19009 – Parcel #861913282003 –Principal Monies owed/
Reduction of interest



Hardin County

Tax Sale Certificate Detail

Interest Date 06/30/2022

Certificate Number	Certificate Date	Parcel Number	Current Owner	Situs Address
CH19003	6/17/2019	<u>891902406009</u>	Kowalkowski, Wojciech M & Angelia M	702 STATE
Legal	LOT 10, BLOCK 50, ACKLEY ORIGINAL TOWN, ACKLEY BLOCK 50 LOT 10			

Payments

Date	Bill Number	Tax Type	Year	Tax Amount	Interest	Misc Amount	Total
Tax Sale							
6/17/2019	012942.0	Tax	2016	\$210.00	\$57.00	\$4.00	\$271.00
6/17/2019	164430	Tax	2017	\$113.00	\$5.00	\$4.00	\$122.00
Total Payments for Certificate CH19003				\$323.00	\$62.00	\$8.00	\$393.00

Status	Date	Tax Sale Certificate	Lien Amount	Investor Interest	Service Fee	Total To Redeem Certificate
Open	6/17/2019	CH19003	\$413.00	\$306.00	0.00	\$719.00



Hardin County - Treasurer
 P.O. Box 391
 1215 Edgington Avenue
 Eldora, IA 50627-0391
 (641) 939-8230

Tax Charge Information Sheet

Amount Due if Paid By: 06/30/2022

Kowalkowski, Wojciech M & Angelia M
 714 4th Ave
 Ackley, IA 50601

Parcel Number: 891902406009 Situs: 702 STATE
 Owner: Kowalkowski, Wojciech M & Angelia M Legal: LOT 10, BLOCK 50, ACKLEY ORIGINAL TOWN, ACKLEY BLOCK 50 LOT 10

<u>Taxes Due</u>		Bill Number	1st Half Tax	1st Half Interest	2nd Half Tax	2nd Half Interest	Additional Costs	Total Due
2020	Tax	247965	\$119.00	\$16.00	\$119.00	\$5.00	\$4.00	\$263.00
Total Taxes Due for Parcel Number 891902406009:			\$119.00	\$16.00	\$119.00	\$5.00	\$4.00	\$263.00

<u>Tax Sale</u>		Date	Certificate#	Tax	# of Months	Interest	Service Fee	Total Due
County Held		06/17/2019	CH19003	\$413.00	37	\$306.00	\$0.00	\$719.00
Total To Redeem for Certificate Number CH19003:				\$413.00		\$306.00	\$0.00	\$719.00

Total Due for Parcel Number 891902406009: \$982.00

Tax Charge Summary for 1 Parcel

Total Unpaid Charges:	
First Half Due:	\$139.00
Second Half Due:	\$124.00
Total Due:	\$263.00
Total Unpaid Tax Sale Certificates:	\$719.00
Grand Total Unpaid:	\$982.00



Hardin County

Tax Sale Certificate Detail

Interest Date 06/30/2022

Certificate Number	Certificate Date	Parcel Number	Current Owner	Situs Address
CH19005	6/17/2019	<u>882223408008</u>	Belden, Don E Belden, Davina L	212 EAST ST
Legal	BLOCK 1, BUCKEYE ORIGINAL TOWN, BUCKEYE LOTS 14-15			

Payments

Date	Bill Number	Tax Type	Year	Tax Amount	Interest	Misc Amount	Total
Tax Sale							
6/17/2019	005853	Drainage	2018	\$36.00	\$7.80	\$0.00	\$43.80
6/17/2019	008107	Special	2018	\$1,700.83	\$230.00	\$0.00	\$1,930.83
6/17/2019	017032.0	Tax	2016	\$55.00	\$12.00	\$4.00	\$71.00
6/17/2019	163359	Tax	2017	\$132.00	\$12.00	\$4.00	\$148.00
Total Payments for Certificate CH19005				\$1,923.83	\$261.80	\$8.00	\$2,193.63

Status	Date	Tax Sale Certificate	Lien Amount	Investor Interest	Service Fee	Total To Redeem Certificate
Open	6/17/2019	CH19005	\$2,213.63	\$1638.00	0.00	\$3851.63



Hardin County - Treasurer
 P.O. Box 391
 1215 Edgington Avenue
 Eldora, IA 50627-0391
 (641) 939-8230

Tax Charge Information Sheet

Amount Due if Paid By: 06/30/2022

Belden, Don E Belden, Davina L
 212 East St
 Alden, IA 50006

Parcel Number: 882223408008 **Situs:** 212 EAST ST
Owner: Belden, Don E Belden, Davina L **Legal:** BLOCK 1, BUCKEYE ORIGINAL TOWN, BUCKEYE LOTS 14-15

Taxes Due								
Year	Type	Bill Number	1st Half Tax	1st Half Interest	2nd Half Tax	2nd Half Interest	Additional Costs	Total Due
2018	Tax	184217	\$65.00	\$28.00	\$65.00	\$22.00	\$0.00	\$180.00
2019	Special Delinq Garbage	008573	\$765.42	\$333.00	\$0.00	\$0.00	\$0.00	\$1,098.42
2019	Tax	207539	\$160.00	\$50.00	\$160.00	\$36.00	\$4.00	\$410.00
2020	Tax	246907	\$106.00	\$14.00	\$106.00	\$5.00	\$4.00	\$235.00
Total Taxes Due for Parcel Number 882223408008:			\$1,096.42	\$425.00	\$331.00	\$63.00	\$8.00	\$1,923.42

Tax Sale								
	Date	Certificate#	Tax	# of Months	Interest	Service Fee	Total Due	
County Held	06/17/2019	CH19005	\$2,213.63	37	\$1,638.00	\$0.00	\$3,851.63	
Total To Redeem for Certificate Number CH19005:			\$2,213.63		\$1,638.00	\$0.00	\$3,851.63	

Total Due for Parcel Number 882223408008: \$5,775.05

Tax Charge Summary for 1 Parcel

Total Unpaid Charges:	
First Half Due:	\$1,529.42
Second Half Due:	\$394.00
Total Due:	\$1,923.42
Total Unpaid Tax Sale Certificates:	\$3,851.63
Grand Total Unpaid:	\$5,775.05



Hardin County

Tax Sale Certificate Detail

Interest Date 06/30/2022

Certificate Number	Certificate Date	Parcel Number	Current Owner	Situs Address
CH19006	6/17/2019	<u>871908302006</u>	Rockey, Mark	1309 12TH ST
Legal	LOT 4 BLOCK 12 EXC N3' OF W78' (OLD JAIL)			

Payments							
Date	Bill Number	Tax Type	Year	Tax Amount	Interest	Misc Amount	Total
Tax Sale							
6/17/2019	008375	Special	2018	\$780.00	\$228.00	\$5.00	\$1,013.00
6/17/2019	018878.0	Tax	2016	\$878.00	\$13.00	\$0.00	\$891.00
6/17/2019	090011.1	Special	2017	\$780.00	\$226.00	\$0.00	\$1,006.00
6/17/2019	155713	Tax	2017	\$824.00	\$75.00	\$4.00	\$903.00
Total Payments for Certificate CH19006				\$3,262.00	\$542.00	\$9.00	\$3,813.00

Status	Date	Tax Sale Certificate	Lien Amount	Investor Interest	Service Fee	Total To Redeem Certificate
Open	6/17/2019	CH19006	\$3,833.00	\$2836.00	0.00	\$6669.00



Hardin County - Treasurer
P.O. Box 391
1215 Edgington Avenue
Eldora, IA 50627-0391
(641) 939-8230

Tax Charge Information Sheet

Amount Due if Paid By: 06/30/2022

Rockey, Mark
PO Box 274
Los Lunas, NM 87031

Parcel Number: 871908302006 **Situs:** 1309 12TH ST
Owner: Rockey, Mark **Legal:** LOT 4 BLOCK 12 EXC N3' OF W78' (OLD JAIL)

Taxes Due								
Year	Type	Bill Number	1st Half Tax	1st Half Interest	2nd Half Tax	2nd Half Interest	Additional Costs	Total Due
2018	Tax	176615	\$416.00	\$181.00	\$416.00	\$144.00	\$0.00	\$1,157.00
2019	Special 9241 ELD TOWN	009100	\$780.00	\$464.00	\$0.00	\$0.00	\$5.00	\$1,249.00
2019	Tax	198145	\$427.00	\$135.00	\$427.00	\$96.00	\$4.00	\$1,089.00
2020	Special 9241 ELD TOWN	009791	\$800.00	\$311.00	\$0.00	\$0.00	\$5.00	\$1,116.00
2020	Tax	239367	\$440.00	\$59.00	\$440.00	\$20.00	\$4.00	\$963.00
2021	Special 9241 ELD TOWN	011743	\$786.00	\$148.00	\$0.00	\$0.00	\$5.00	\$939.00
Total Taxes Due for Parcel Number 871908302006:			\$3,649.00	\$1,298.00	\$1,283.00	\$260.00	\$23.00	\$6,513.00

Tax Sale								
	Date	Certificate#	Tax	# of Months	Interest	Service Fee	Total Due	
County Held	06/17/2019	CH19006	\$3,833.00	37	\$2,836.00	\$0.00	\$6,669.00	
Total To Redeem for Certificate Number CH19006:			\$3,833.00		\$2,836.00	\$0.00	\$6,669.00	

Total Due for Parcel Number 871908302006: \$13,182.00

Tax Charge Summary for 1 Parcel

Total Unpaid Charges:	
First Half Due:	\$4,970.00
Second Half Due:	\$1,543.00
Total Due:	\$6,513.00
Total Unpaid Tax Sale Certificates:	\$6,669.00
Grand Total Unpaid:	\$13,182.00



Hardin County

Tax Sale Certificate Detail

Interest Date 06/30/2022

Certificate Number	Certificate Date	Parcel Number	Current Owner	Situs Address
CH19009	6/17/2019	<u>861913282003</u>	Cole, Elvin H Jr	401 CENTER ST
Legal	N58.33FT LOTS 1-2 BLOCK 11			

Payments

Date	Bill Number	Tax Type	Year	Tax Amount	Interest	Misc Amount	Total
Tax Sale							
6/17/2019	020538.0	Tax	2016	\$528.00	\$142.00	\$4.00	\$674.00
6/17/2019	151088	Tax	2017	\$510.00	\$45.00	\$4.00	\$559.00
Total Payments for Certificate CH19009				\$1,038.00	\$187.00	\$8.00	\$1,233.00

Status	Date	Tax Sale Certificate	Lien Amount	Investor Interest	Service Fee	Total To Redeem Certificate
Open	6/17/2019	CH19009	\$1,253.00	\$927.00	0.00	\$2180.00



Hardin County - Treasurer
 P.O. Box 391
 1215 Edgington Avenue
 Eldora, IA 50627-0391
 (641) 939-8230

Tax Charge Information Sheet

Amount Due if Paid By: 06/30/2022

Cole, Elvin H Jr
 401 Center St
 PO Box 232
 Whitten, IA 50269

Parcel Number: 861913282003 **Situs:** 401 CENTER ST
Owner: Cole, Elvin H Jr **Legal:** N58.33FT LOTS 1-2 BLOCK 11

Taxes Due				1st Half		2nd Half	Additional	
Year	Type	Bill Number	1st Half Tax	Interest	2nd Half Tax	Interest	Costs	Total Due
2018	Tax	172035	\$250.00	\$109.00	\$250.00	\$86.00	\$0.00	\$695.00
2019	Tax	196119	\$257.00	\$81.00	\$257.00	\$58.00	\$4.00	\$657.00
2020	Tax	234844	\$257.00	\$35.00	\$257.00	\$12.00	\$4.00	\$565.00
Total Taxes Due for Parcel Number 861913282003:			\$764.00	\$225.00	\$764.00	\$156.00	\$8.00	\$1,917.00

Tax Sale		Date	Certificate#	Tax	# of Months	Interest	Service Fee	Total Due
County Held		06/17/2019	CH19009	\$1,253.00	37	\$927.00	\$0.00	\$2,180.00
Total To Redeem for Certificate Number CH19009:				\$1,253.00		\$927.00	\$0.00	\$2,180.00

Total Due for Parcel Number 861913282003: \$4,097.00

Tax Charge Summary for 1 Parcel

Total Unpaid Charges:	
First Half Due:	\$997.00
Second Half Due:	\$920.00
Total Due:	\$1,917.00
Total Unpaid Tax Sale Certificates:	\$2,180.00
Grand Total Unpaid:	\$4,097.00



Iowa Department of Natural Resources

Construction Permit Application Form Confinement Feeding Operations

INSTRUCTIONS:

Prior to constructing, installing, modifying or expanding a confinement feeding operation structure¹, 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 structure². 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): _____
 - b) Date when the operation was first constructed: _____ Separation distance table used: _____
 - c) Date when the last construction, expansion or modification was completed: _____

(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: Hardin Buckeye 3

Location:	<u>NW/SW</u>	<u>NE</u>	<u>03</u>	<u>T88N R22W</u>	<u>Buckeye</u>	<u>Hardin</u>
	(¼ ¼)	(¼)	(Section)	(Tier & Range)	(Name of Township)	(County)

B) Applicant information:

Name: Summit Farms Pork, LLC Title: _____

Address: 10640 Co Hwy D20, Alden, IA 50006

Telephone: 515-854-9820 Fax: _____ Email: _____

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

Name: Kent Krause Title: _____

Address: 620 Country Club Rd., Iowa Falls, IA 50126

Telephone: 641-648-7300 Fax: _____ Email: _____

Enclose aerial photo or engineering drawing showing the proposed location of the confinement feeding operation structure¹ 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 have a 10% or more ownership interest in 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/>. 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 structure³, constructing or modifying a confinement building that uses an unformed manure storage structure³, or increasing animal units in a confinement building that uses an unformed manure storage structure.
2. Constructing, installing or modifying a confinement building or a formed manure storage structure² 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 structure³, 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 structure² 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 structure³ or egg washwater storage structure;
 2. The confinement feeding operation includes only confinement buildings and formed manure storage structures² 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:

I will be constructing a 2 barn site that will house 4999 head of finishing swine.

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 structure¹ 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 for the purpose of determining a qualified operation.
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 structure¹ 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 structure¹ is abandoned if the confinement feeding operation structure¹ 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 structure¹ so that it cannot be used as a confinement feeding operation structure¹ 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 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		0.4			0.4	
Farrowing sows & litter		0.4			0.4	
Boars		0.4			0.4	
Gilts		0.4			0.4	
Finished (Market) hogs	0	0.4	0	4999	0.4	1999.6
Nursery pigs 15 lbs to 55 lbs		0.1			0.1	
Sheep and lambs		0.1			0.1	
Goats		0.1			0.1	
Horses		2.0			2.0	
Turkeys 7 lbs 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	
Ducks		0.04			0.04	
Fish 25 grams or more		0.001			0.001	
Fish less than 25 grams		0.00006			0.00006	
TOTALS:			a) Existing AUC: 0			b) Total proposed AUC: 1999.6

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):

1999.6

(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						
Farrowing sows & litter						
Boars						
Gilts						
Finished (Market) hogs						
Nursery pigs 15 lbs to 55 lbs						
Sheep and lambs						
Goats						
Horses						
Turkeys 7lbs or more						
Turkeys less than 7 lbs						
Broiler/Layer chickens 3 lbs or more						
Broiler/Layer chickens less than 3 lbs						
Ducks						
Fish 25 grams or more						
Fish less than 25 grams						
TOTALS:			a) Existing AWC:			b) Total proposed AWC:

c) New AWC = b) - a):

(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 structure¹ and AUC proposed. To determine which checklist to use, choose the option that best describes your confinement feeding operation:

- A) **Formed manure storage structures²:** The proposed confinement feeding operation structure¹ will be or will use a formed manure storage structure². 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 engineer⁴ 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 engineer⁴ and a Professional Engineer (PE) is not required. Use Submittal Checklist No. 1 (page 10).

- B) **Unformed manure storage structure³:** The proposed confinement feeding operation structure¹, will be or will use an unformed manure storage structure³ 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).

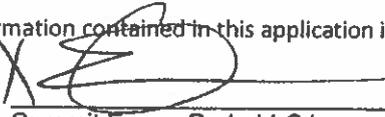
ITEM 6- UTILIZING RURAL WATER SYSTEM FOR WATER SUPPLY

- The proposed facility will utilize rural water and the providing rural water system has been notified and is aware of the proposed increase in water use.

ITEM 7 – SIGNATURE:

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

Signature of Applicant(s):


Summit Farms Pork, LLC by
Eric Peterson, Representative

Date: 5/10/22

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/fieldoffice>.

⁴ Threshold requirements for an engineer apply to the construction of a formed manure storage structure². 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 8

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.

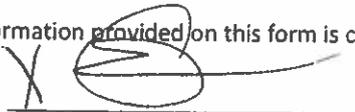
Full Name	Address	City/State	Zip
Bruce Rastetter	10640 Co Hwy D20	Alden, IA	50006
Summit Farms Pork, LLC	10640 Co Hwy D20	Alden, IA	50006

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 (¼ ¼, ¼, Section, Tier, Range, Township, County)	City
<input type="checkbox"/> None [There are no other confinements in Iowa in which the above listed person(s) has or have an interest].		
See Attached		

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

Signature of Applicant(s):



Summit Farms Pork, LLC by
Eric Peterson, Representative

Date: 5/10/22

Confined Feeding Operations - Summit Farms

4/15/2022

Site Name	DNR Number	Location (1/4 1/4 Sec, 1/4 Sec, Sec, Twp, Range, County)	City
AA Ave	61421	NE, NE, & SE, NW, 29, & NE, SW, & SE, SW 20, T-89-N, R-22-W, Hardin	Alden
A & W Site	67013	SE, NE, 1, T-93-N, R-33-W, Pocahontas	Mallard
B55 Site	65697	NE, NW, 31, T-95-N, R-32-W, Palo Alto	Mallard
Beaver Bay	65380	NE, NW, 33, T-94-N, R-32-W, Palo Alto	Mallard
Birch Site	67308	NE, SE, 6, T-96-N, R-26-W, Hancock	Wesley
Blairsburg 1	67738	NW, NW, 1, T-89-N, R-24-W, Hamilton	Blairsburg
Poplar Grove	70467	NE, NE, 21, T-89-N, R-24-W, Hamilton	Blairsburg
Blairsburg 23	70314	NW, NW, 23, T-89-N, R-24-W, Hamilton	Blairsburg
Boothill Cattle	64885	NW, NE, 26, T-89-N, R-23-W, Hamilton	Williams
Brannigan Site	67014	NE/NW, NE, 23, T-91-N, R-34-W, Pocahontas	Fonda
Brinks	67351	SW, SE, 32, T-94-N, R-32-W, Palo Alto	Mallard
Buckeye Finisher	58324	NW, SE, 24, T-88-N, R-22-W, Hardin	Alden
Buckeye 21	67918	SE, NE, 21, T-88-N, R-22-W, Hardin	Alden
Buckeye 27	67909	SW, NW, 27, T-88-N, R-22-W, Hardin	Alden
Buffalo 11	70505	SE, SW, 11, T-99-N, R-29-W, Winnebago	Buffalo Center
Burt 21 E	71743	SE, SE, 21, T-97-N, R-29-W, Kossuth	Lone Rock
Burt 21 W	71732	SE, SW, 21, T-97-N, R-29-W, Kossuth	Lone Rock
Caribou	63820	SW, NW, 7, T-92-N, R-20-W, Franklin	Hampton
Concord 25	67909	NW, NE, 25, T-88-N, R-22-W, Hardin	Garden City
County Line Cattle	66728	SE, NE, 5, T-89-N, R-22-W, Hardin	Alden
Crystal 5	70446	SE, NE, 5, T-97-N, R-25-W, Hancock	Crystal Lake
Crystal-Ladd	63984	SE, NE, 35, T-97-N, R-25-W, Hancock	Crystal Lake
Crystal-Maple	63983	SE, NE, 25, T-97-N, R-25-W, Hancock	Crystal Lake
Cummins North	65111	SE, SW, 16, T-93-N, R-33-W, Pocahontas	Havelock
Cummins South	65112	SW, SE, 32, T-93-N, R-33-W, Pocahontas	Havelock
Deer Site	67253	SW, SW, 22, T-97-N, R-26-W, Hancock	Woden
Denmark 13	70131	SW, SE, T-98-N, R-31-W, Emmet	Ringsted
Denmark 18	71635	SE, SE, 18, T-98-N, R-31-W, Emmet	Ringsted
Denmark 24	70513	SE, SE, 24, T-98-N, R-31-W, Emmet	Ringsted
Denmark 20	71610	SE, SW, 20, T-98-N, R-31-W, Emmet	Ringsted
Denmark 30	71717	SE, SW, 30, T-98-N, R-31-W, Emmet	Ringsted
Denmark 32	70337	NW, NE, 32, T-98-N, R-31-W, Emmet	Ringsted
Denmark 35	71614	NE, SE, 35, T-98-N, R-31-W, Emmet	Ringsted
Dorweiler Finisher	64651	SE, NW, 04, T-94-N, R-30-W, Kossuth	West Bend
Dreier	57789	SW, SW, 8, T-92-N, R-18-W, Butler	Dumont
E & F Pork	63402	SW, NW, 20, T-100-N, R-21-W, Worth	Northwood
Eagle 1	57826	SW, SE, 11, T-91-N, R-26-W, Winnebago	Eagle Grove
Eagle 2	58151	SW, NE, 22, T-92-N, R-22-W, Franklin	Latimer
Eagle 3	59355	NW, NE, 33, T-99-N, R-23-W, Winnebago	Lake Mills
Eagle 5	59515	SW, NW, 35, T-100-N, R-24-W, Winnebago	Leland
Eagle 7	65871	SW, NW, 8, T-98-N, R-23-W, Winnebago	Forest City
Eagle 8	65304	SE, SW, 15, T-99-N, R-24-W, Winnebago	Leland
Eagle 9	65916	NE, SE, 29, T-99-N, R-23-W, Winnebago	Lake Mills
Eagle 10	68889	NE, NW, 24, T-99-N, R-25-W, Winnebago	Thompson
Eagle 11	68996	SE, NE, 32, T-99-N, R-23-W, Winnebago	Lake Mills
Eagle 12	66997	NW, NE, 32, T-99-N, R-23-W, Winnebago	Lake Mills
Eagle 13	69465	SW, SW, 9, T-97-N, R-24-W, Hancock	Forest City
Eagle 14	71067	NE, SW, 7, T-99-N, R-24-W, Winnebago	Thompson
Eagle 15	71616	NE, SE, 22, T-100-N, R-24-W, Winnebago	Scarville
Echo Site	67254	SE, SE, 22, T-97-N, R-26-W, Hancock	Woden
Eden 27	50478	SW, SW, 27, T-100-N, R-25-W, Winnebago	Thompson
Elk Site	64625	SW, SE, 16, T-89-N, R-22-W, Hardin	Alden
Ellington	64723	SE, SE, 9, T-94-N, R-32-W, Palo Alto	Mallard
Ellington West	65205	SW, SE, 29, T-94-N, R-32-W, Palo Alto	Mallard
Faris	64744	SE, SE, 8, T-86-N, R-20-W, Hardin	New Providence
Finch Site	59664	SE, SE, 35, T-93-N, R-22-W, Wisner, Franklin	Alexander
Freedom 12	71753	NW, SW, T-96-N, R-32-W, Palo Alto	Emmetsburg
Freedom 34	70385	NW, NW, 34, T-96-N, R-32-W, Palo Alto	Emmetsburg
Fox Site	71379	NW, NE, T-89-N, R-23-W, Hamilton	Williams
Garfield 4	71735	SE, SW, 4, T-94-N, R-30-W, Kossuth	West Bend
Garfield 10	71716	NE, NW, 10, T-94-N, R-30-W, Kossuth	West Bend
Garfield-Nash	63982	NE, NW, 7, T-96-N, R-24-W, Hancock	Garner
Great Oak 26	70441	NE, SE, 26, T-95-N, R-33-W, Palo Alto	Curlew
Grant 27 Site	71475	SW, NW, 27, T-98-N, R-26-W, Winnebago	Buffalo Center

Hardin Site	61516	SW, SE, 21, T-89-N, R-22-W, Hardin	Alden
Himi	64526	SW, SW, 28, T-89-N, R-22-W, Hardin	Alden
Humboldt 23	67815	NW, NE, 23, T-93-N, R-28-W, Humboldt	Livermore
Independence 1	67797	SE/SW, SE, 1, T-88-N, R-25-W, Hamilton	Webster City
Irvington 25	71703	NE, NW, 25, T-95-N, R-28-W, Kossuth	Lu Verne
Irvington 23	65348	NE, SW, 23, T-95-N, R-28-W, Kossuth	Lu Verne
J & M site	61534	NW, SW, 25, T-95-N, R-28-W, Kossuth	Lu Verne
J Ave	63981	NE, SE, 32, T-88-N, R-21-W, Hardin	Hubbard
Jack Creek 23	71663	SE, SE, 23, T-98-N, R-32-W, Emmet	Ringsted
Jack Creek 26	70408	NW/NE, NW, 26, T-98-N, R-32-W, Emmet	Ringsted
Johnson	63778	NW, SW, 21, T-88-N, R-21-W, Hardin	Buckeye
Kohl South Site	62463	NE, NE, 27, T-88-N, R-24-W, Hamilton	Kamrar
Kurt Wolf Site	58535	SE, SE, 04, T-92-N, R-19-W, Franklin	Hampton
Lake Farm	57791	NW, NE, 32, T-88-N, R-21-W, Hardin	Iowa Falls
Lark Site	57744	NE, SE, 11, T-92-N, R-21-W, Franklin	Hampton
Little Wall Site	59222	SW, NE, 23, T-89-N, R-24-W, Hamilton	Blairsburg
Lincoln 36	67737	NE, SE, 36, T-87-N, R-23-W, Hamilton	Radcliffe
Linden 7	71420	SW, SW, 7, T-98-N, R-25-W, Winnebago	Forest City
Luverne 7	65326	SE, SW, 7, T-94-N, R-27-W, Kossuth	Lu Verne
Miller Feedlot	68334	NW, NE, 19, T-89-N, R-22-W, Hardin	Alden
Nevada Site	64724	NE, SE, 33, T-95-N, R-32-W, Palo Alto	Mallard
Nevada 4	50536	SE, NE, 4, T-95-N, R-32W, Palo Alto	Emmetsburg
Cylinder Creek	50536	SE, SW, 11, T-95-N, R-32W, Palo Alto	Emmetsburg
Newton 28	71371	NW, SW, 28, T-99-N, R-24-W, Winnebago	Leland
Norske 1	62918	SE, SE, T-99-N, R-27-W, Kossuth	Buffalo Center
North Tipton Ridge	65214	NE, NW, 20, T-87-N, R-21-W, Hardin	Hubbard
Norway 10	70306	SW, SW, 10, T-100-N, R-23-W, Winnebago	Lake Mills
Norway 10 East	71744	SW, SE, 10, T-100-N, R-23-W, Winnebago	Lake Mills
Oak Site	65973	SW, NW, 8, T-96-N, R-24-W, Hancock	Garner
Oakland Site	61420	NE, NE, 32, T-90-N, R-22-W, Franklin	Alden
Oakland 10	67910	SW, NW, 22, T-90-N, R-22-W, Franklin	Dows
Olsen Ave Site	50034	NE, NE, 29, T-89-N, R-24-W, Hamilton	Blairsburg
Pacific Rail	63952	SW, SE, 35, T-88-N, R-22-W, Hardin	Hubbard
Patriot Site	68963	NW, SW, 31, T-90-N, R-22-W, Franklin	
Plum Creek 36	67810	NE, NE, 36, T-96-N, R-28-W, Kossuth	Westley
Providence 36	68849	SW, NE, 36, T-86-N, R20-W, Hardin	New Providence
Red Bam	61423	NE, NW, 19, T-89-N, R-22-W, Hardin	Alden
Rehm Site	60772	SW, NE, 28, T-90-N, R-21-W, Franklin	Alden
Rouse Site	61525	NW, NW, 10, T-94-N, R-34-W, Palo Alto	Curlew
Robinson Site	67088	SE, SE, 13, T-88-N, R-22-W, Hardin	Alden
Scott 30	67809	NE, NE, 30, T-94-N, R-18-W, Floyd	Dougherty
Seneca 19	70511	SW, NW, 19, T-98-N, R-30-W, Kossuth	Ringsted
Sherman 9	71668	NW, SW, 9, T-94-N, R-28-W, Kossuth	Lu Verne
South Tipton Ridge	65215	SW, SE, 20, T-87-N, R-21-W, Hardin	Hubbard
Springfield 13	71763	SW, SW, 13, T-100N, R-28-W, Kossuth	Ledyard
Staley Finishers	58321	SE, SE, 11, T-88-N, R-22-W, Hardin	Alden
Sunray Pork 1	65747	SW, SE, 11, T-93-N, R-21-W, Franklin	Sheffield
Sunray Pork 2	65881	NE, NW, 13, T-94-N, R-23-W, Hancock	Meservey
Sunray Pork 3	66172	NW, NW, 13, T-95-N, R-23-W, Hancock	Garner
Sunray Pork 4	66060	SW, NW, 25, T-91-N, R-21-W, Franklin	Hampton
Sunray Pork 5	66207	NE, NE, 31, T-93-N, R-19-W, Franklin	Hampton
Sunray Pork 6	65852	SE, SW, 22, T-94-N, R-22-W, Cerro Gordo	Thornton
Swan Lake 34	67654	SE, NE, 34, T-99-N, R-32-W, Emmet	Ringsted
Swea 32 North	70516	NW, NE, 32, T-99-N, R-30-W, Kossuth	Armstrong
Swea 32 South	70593	NW, SW, 32, T-99-N, R-30-W, Kossuth	Armstrong
Triangle Beef	63324	NW, NW, 27, T-89-N, R-22-W, Hardin	Alden
Vail	64527	NE, NE, 33, T-97-N, R-23-W, Hancock	Garner
Vernon 2	67759	NW, SW, 2, T-97-N, R-32-W, Palo Alto	Graettinger
Vernon 10	70676	SE, SW, 10, T-97-N, R-32-W, Palo Alto	Graettinger
Vernon 12	70470	NE, NE, 12, T-97-N, R-32-W, Palo Alto	Graettinger
Vernon 12 W	71497	SW, NW, 12, T-97-N, R-32-W, Palo Alto	Graettinger
Vernon 22	70678	SW, NW, 22, T-97-N, R-32-W, Palo Alto	Emmetsburg
Walnut 13	67753	SE, NE, 13, T-97-N, R-33-W, Palo Alto	Emmetsburg
Ward Site	65248	SW, NW, T-92-N, R-33-W, Pocahontas	Pocahontas
Weber Site	64647	SW, SE, 21, T-95-N, R-30-W, Kossuth	Whittemore
Wickman Site	61640	SE, SE, 26, T-94-N, R-32-W, Palo Alto	Rolfe
Williams 15	70015	NW/NE, NW, 15, T-89-N, R-23-W, Hamilton	Williams
Whittemore 23	71736	SE SW, 23, T-95-N, R-30-W, Kossuth	Whittemore
Wirtz	67282	SW, SE, 2, T-94-N, R-32-W, Palo Alto	Mallard
Young Finisher	61425	NW, SW, 18, T-89-N, R-21-22-W, Hardin	Alden

ITEM 9

**Manure Storage Indemnity Fee Form
for Construction Permits**

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

Credit fees to: Summit Farms Pork, LLC

Name of operation: Hardin Buckeye 3

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:

$$(800 \text{ AU}) \times (\$ 0.15 \text{ per AU}) = \$ 120.00$$

- **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:

$$(2,000 \text{ AU}) \times (\$ 0.06 \text{ per AU}) = \$ 120.00$$

- **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:

$$(3,500 \text{ AU}) \times (\$ 0.20 \text{ per AU}) = \$ 700.00$$

- **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	1999.6	x	\$ 0.15 =	299.94
3,000 AU or more	5	Poultry		x	\$ 0.08 =	
	6	Other		x	\$ 0.20 =	

ITEM 9 (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: Summit Farms Pork, LLC

Name of operation: Hardin Buckeye 3

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)	\$ <u>299.94</u>
- Total filing fees (see item 4 on this page) to be deposited in the Animal Agriculture Compliance Fund (473)	\$ <u>500.00</u>
TOTAL DUE:	\$ <u>799.94</u>

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 10

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: Summit Farms Pork, LLC Telephone: 515-854-9820

Name of operation: Hardin Buckeye 3

Location: NW /SW NE 3 T88N R22W Buckeye Hardin
(¼¼) (¼) (Section) (Tier & Range) (Name of Township) (County)

Documents being submitted to the county:

- Construction permit application form: submit items 1 to 9 (see Submittal Checklist No. 1 or 2)
- Attachment 1 - Aerial photos: Must clearly show the location of the proposed confinement feeding operation structure¹ and that all the separation distances are met, including those claimed for points in the master matrix (if applicable).
- Attachment 2 - Statement of design certification, submit any of the following (see Checklist No. 1 or 2):
 - 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 structure³ or an egg washwater storage structure submit documentation required in Addendum "A" of this construction application form.
- Attachment 3 - Manure management plan (MMP).
- Attachment 4 - Master Matrix (if required). You must include supporting documents (see Checklist No. 1 or 2)

Revised Documents: Application CDS Matrix MMP Other _____

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 280.24. On behalf of the Board of Supervisors for:

COUNTY: Hardin
NAME: JAMIE GEISLER James Geisler
TITLE: Accts Payable
(Member of the County Board of Supervisors or its designated official/employee)

Date: June 2, 20 22

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



Construction Design Statement (CDS)

Instructions:

1. This form is for new or expanding confinement feeding operations with an AUC¹ of more than 500 AU, not required to have a professional engineer (PE)², that are proposing to construct a formed manure storage structure³.
2. Complete and submit Sections 1, 2 and 3 (pages 1 to 6).
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 structures⁴.
4. Mail only pages 1 to 6, as instructed on page 6 and 7. Do not mail the remainder of this form.
5. If the site-specific design is sealed by a PE², 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: Hardin Buckeye 3 Facility ID No.: N/A
 Location: NW/SW NE 3 T88N R22W Buckeye Hardin
 (¼ ¼) (¼) (Section) (Tier & Range) (Name of Township) (County)

Provide latitude and longitude coordinates of the facility driveway at the right of way (ROW) line. Go to the DNR Siting Atlas and left click (to place a teardrop) at that location. The latitude and longitude coordinates appear in the info box. Print off this page, with the info box open (as shown on sample map on Page 7) and submit with CDS.

Latitude: 42.466953 Longitude (negative value) _-93.395360

B) Description of the proposed formed manure storage structure³. 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:

Two 101'10" x 193' x 8' deep, below ground, covered, formed concrete manure storage tanks will be built.

No water lines will enter through the concrete manure storage floors and all pit fans will be mounted on top of concrete pump outs

C) Utilizing Rural Water System and Domestic Sewage Disposal

- The proposed facility will utilize rural water and the providing rural water system has been notified and is aware of the proposed increase in water use.
- I understand that no domestic wastewater (toilets, showers, or sinks) or laundry facilities can be discharged to the manure storage structure.

D) 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) and 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.")

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.

All separation distances that are not clearly in excess of the required minimum separation distance must be measured according to 567 IAC 65.11(9) using standard survey methods. Go to the [DNR Fact Sheet Page](#) on our website and select DNR fact sheet "Distance Requirements for Construction" to find the required separation distances. Or, go directly to the [Minimum Separation Distances for Construction or Expansion of Confinement Feeding Operation Structures Form](#). An [example aerial photo](#) can be found on pages 18 to 19 of the AFO Construction Permit Application (DNR Form 542-1428), or at the previously listed link.

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.

E) **Karst Determination:** Go to DNR AFO Siting Atlas at <http://programs.iowadnr.gov/maps/af/>. 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).

F) **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 866-849-0321. Check one of the following:

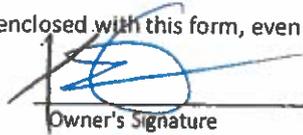
- The site is not in alluvial soils. Print and enclose the map with the name and location of the site clearly marked.
- If the site is in alluvial soils contact DNR Flood Plain at 866-849-0321. You will be required to submit a petition for a declaratory order if less than 1000 AU or request a flood plain 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.

NOTE: You may not be in a flood plain per DNR, however in a County Flood Hazard Area and need a county permit.

Section 2 - Manure management plan:

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

Summit Farms Pork, LLC by
Eric Peterson, Representative
Owner's Name (print)


Owner's Signature

5/10/22
Date

Section 3 - Construction design standards: The person responsible for constructing the formed manure storage structure(s)³ must complete Section 3.

A) **Liquid and semi-liquid manure:** The proposed formed manure storage structure³ 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 structure³ 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 3 for each formed manure storage structure³ that have different dimensions. Complete all of the following information:

Number of buildings: two Building name: swine finisher

Dimensions of proposed formed manure storage structure³

	Length	Width	Height or depth	Wall thickness	Diameter (circular tanks only)
Feet	193	101	8	0	N/A
Inches	0	10	0	8	N/A

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 page 9), 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 structures³ 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 page 10) 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 10 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 <u>not</u> 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 <u>not</u> 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			10	9	12
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 structure³, 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. **Perimeter tiles must be tied into existing tile, day light, or have an operating sump pump installed in tile riser. Perimeter tiles CANNOT dead end at riser or monitoring port.**
 - In lieu of the drain tile, a certification signed by a PE², 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 $-\frac{1}{2}$ 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 12). 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 12). 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. Form ties shall be non-removable.
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 structure³ 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: Hardin Buckeye 3 County: Hardin

Owner's name: Summit Farms Pork, LLC

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

- Page 1-3, for each formed manure storage structure³ that have different dimensions
- Pages 4 to 6 (applicable sections)
- Other documents (specify): _____

Brent V Rastetter

(Print name)

Quality Ag, Inc

(Company)



(Signature)

15481 Co Hwy D20, Alden, IA 50006

(Address)

5/10/22

(Date)

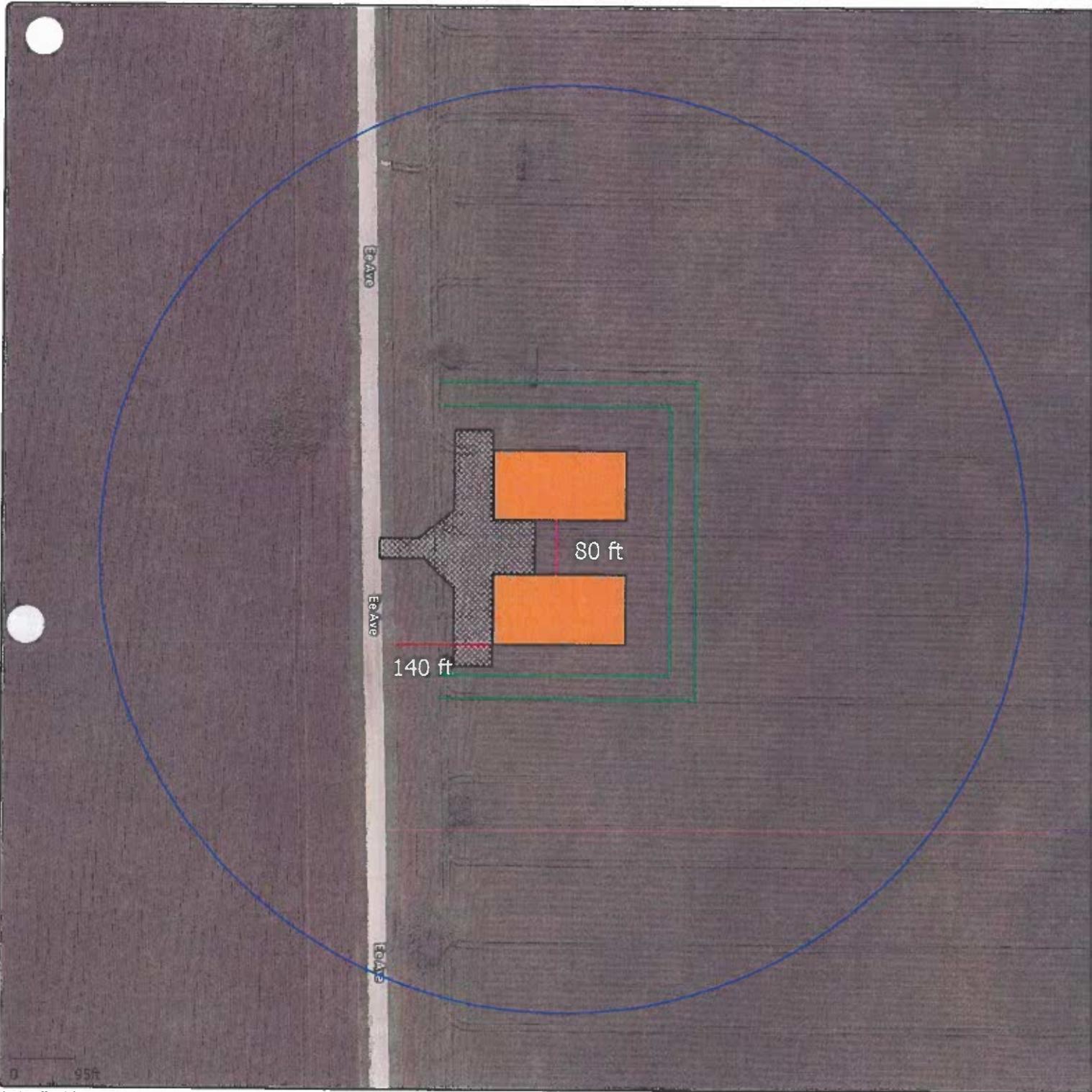
515-859-7824 ext 11

(Phone No.)

(See page 7 for marking instructions)

Buckeye 3

Site Placement



- No Well within 100'
- No Public Use within 4001'
- No Wetlands within 2500'
- No HQ & Protected Water within 2000'

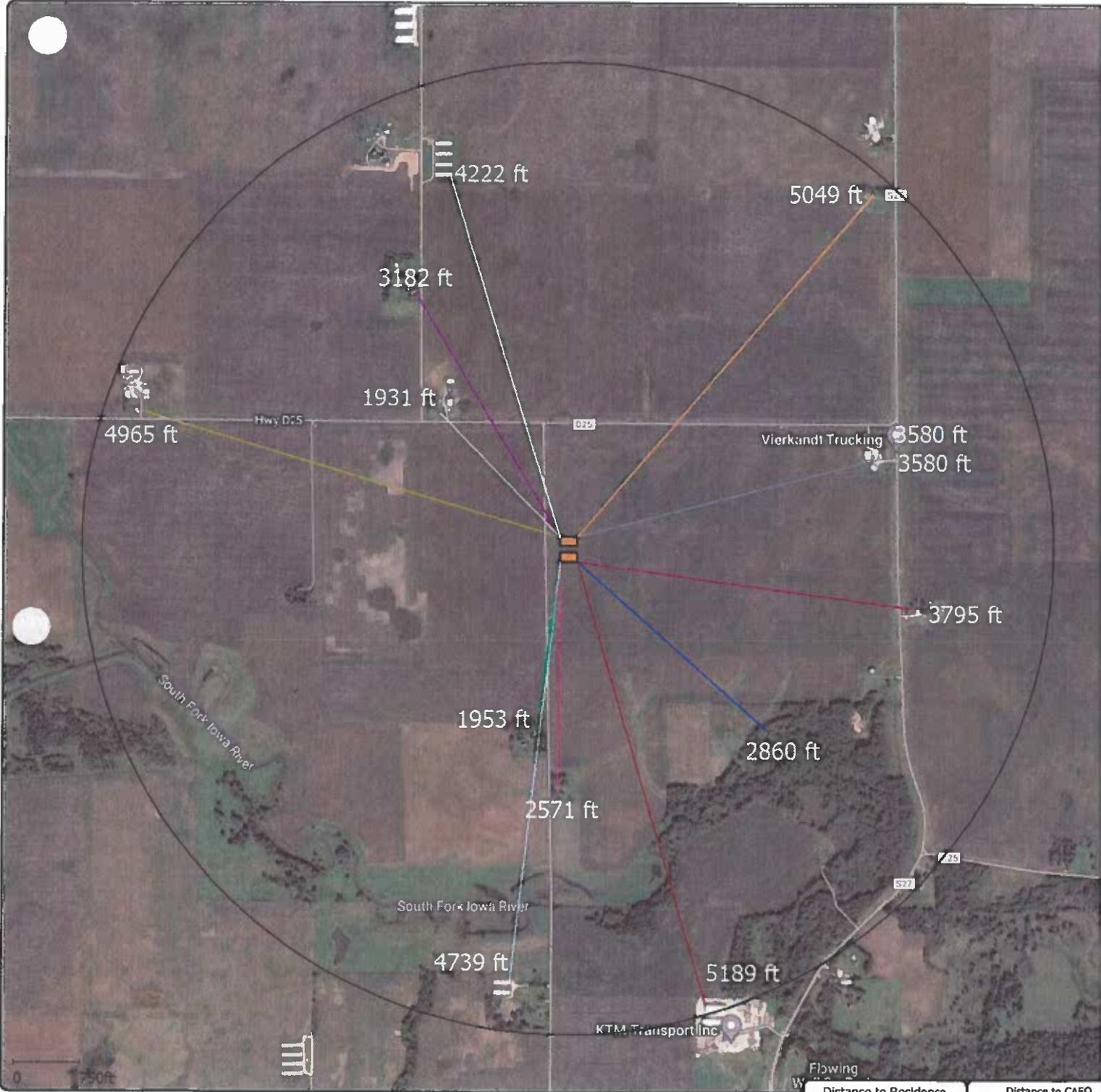
Date: 6/1/22
 Buckeye 3
 Hardin County, IA
 Section 03, T88N, R22W
 Grower : Buckeye 3
 Farm : Site Placement
 Field : Distances



Trees	Drive
Distance to Fence (ft) 140	500 Ft Water Buf
Distance Between Barns (ft) 80	Feature ID Site

Hardin Buckeye 3

Site Placement



No Well within 100'
 No Public Use within 4001'
 No Wetlands within 2500'
 No HQ & Protected Water within 2000'

Date: 6/1/22
 Key: 3
 Hardin County, IA
 Section 03, T88N, R22W

Grower : Buckeye 3
 Farm : Site Placement
 Field : Distances



Distance to Residence (ft)	Distance to CAFO (ft)
1953	4739
2571	4222
3795	
3580	Distance to Water (ft)
5049	2860
3182	
1931	
4965	
	1 Mile Buffer
Distance to CAFO (ft)	
4739	
4222	Feature ID
	Site



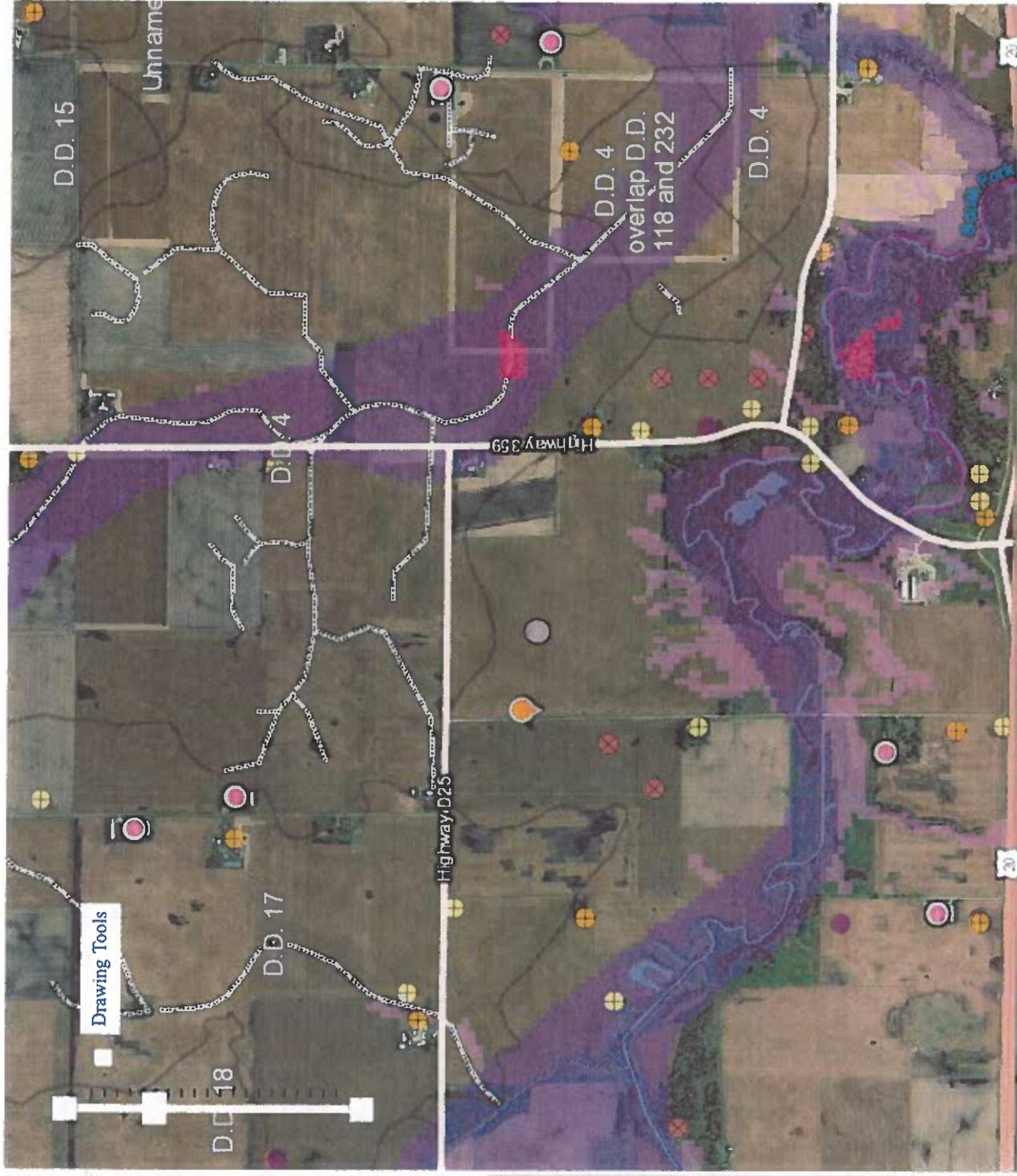
DEPARTMENT OF NATURAL RESOURCES

Agencies Search

Measure Basemaps Bookmarks Mail Map Info

Map layers Legend

- Plugged Well
- Animal Feeding Operation
- Active, Confined/Open
- Active, Confinement
- Active, Open Feedlot
- Inactive
- Public Drainage Infrastructure
- Ditch
- Tile
- Drainage Districts
- High Qty Wtr Resource (Rivers)
- High Qty Wtr Resource (Waterbody)
- Major Water Source (Rivers)
- Major Water Source (Lake)
- Surface Water
- Public Land
- Public Land Survey (PLSS)
- Political_Townships
- Designated Wetland
- Designated Wetland Buffer
- Percent Slope
- Alluvial Soils
- Alluvial Aquifer
- Alluvial Soils



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.

$1931 - 1875 = 56$

	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.

$2500 + 1501 = \text{Now within } 4001$

	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.

$3850 - 1875 = 1975'$

	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.

$2800 - 500 = 2300'$

	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.

$2500 + 500 = \text{None within } 3000'$

	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 distance.

7. 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.

$1000 + 2501 = \text{None within } 3501'$

	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.

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

$1000 \times 2 = \text{None within } 2000'$

	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>

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/off-et-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.

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.

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.

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.

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.

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.

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.

$4999 \times .4 = 1999.6 \text{ AU}$

	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.

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 one 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 remaining manure is applied under the requirements of an approved department manure management plan	30	9.00	9.00	12.00
	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.

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.

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.

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.

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

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.

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.

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.

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>.

36. Demonstrated community support.

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

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.

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.

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/regional/sites.htm>. Select the appropriate region and then select "Regional Profile."

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.

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.

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.

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.

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.

Score to pass

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

Site: Buckeye 3

Date: 5/6/22

**APPENDIX C
MASTER MATRIX**

Question	Score	Air	Water	Community
1	0	0	0	0
2	30	12	0	18
3	30	12	0	18
4	30	0	30	0
5	0	0	0	0
6	10	4	0	6
7	0	0	0	0
8	50	5	25	20
9	25	7.5	7.5	10
10	30	0	22.5	7.5
11	0	0	0	0
12	30	27	0	3
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	30	0	27	3
18	0	0	0	0
19	20	0	0	20
20	30	0	0	30
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	20	0	0	20
25	25	0	12.5	12.5
26	30	12	12	6
27	0	0	0	0
28	0	0	0	0
29	0	0	0	0
30	0	0	0	0
31	5	2	0	3
32	0	0	0	0
33	0	0	0	0
34	0	0	0	0
35	10	0	7.5	2.5
36	0	0	0	0
37	10	0	0	10
38	0	0	0	0
39	0	0	0	0
40	5	0	2.5	2.5
41	5	0	2.5	2.5
42	15	4.5	4.5	6
43	0	0	0	0
44	0	0	0	0

Only for: "b,c, or d" Only for: "a & e"

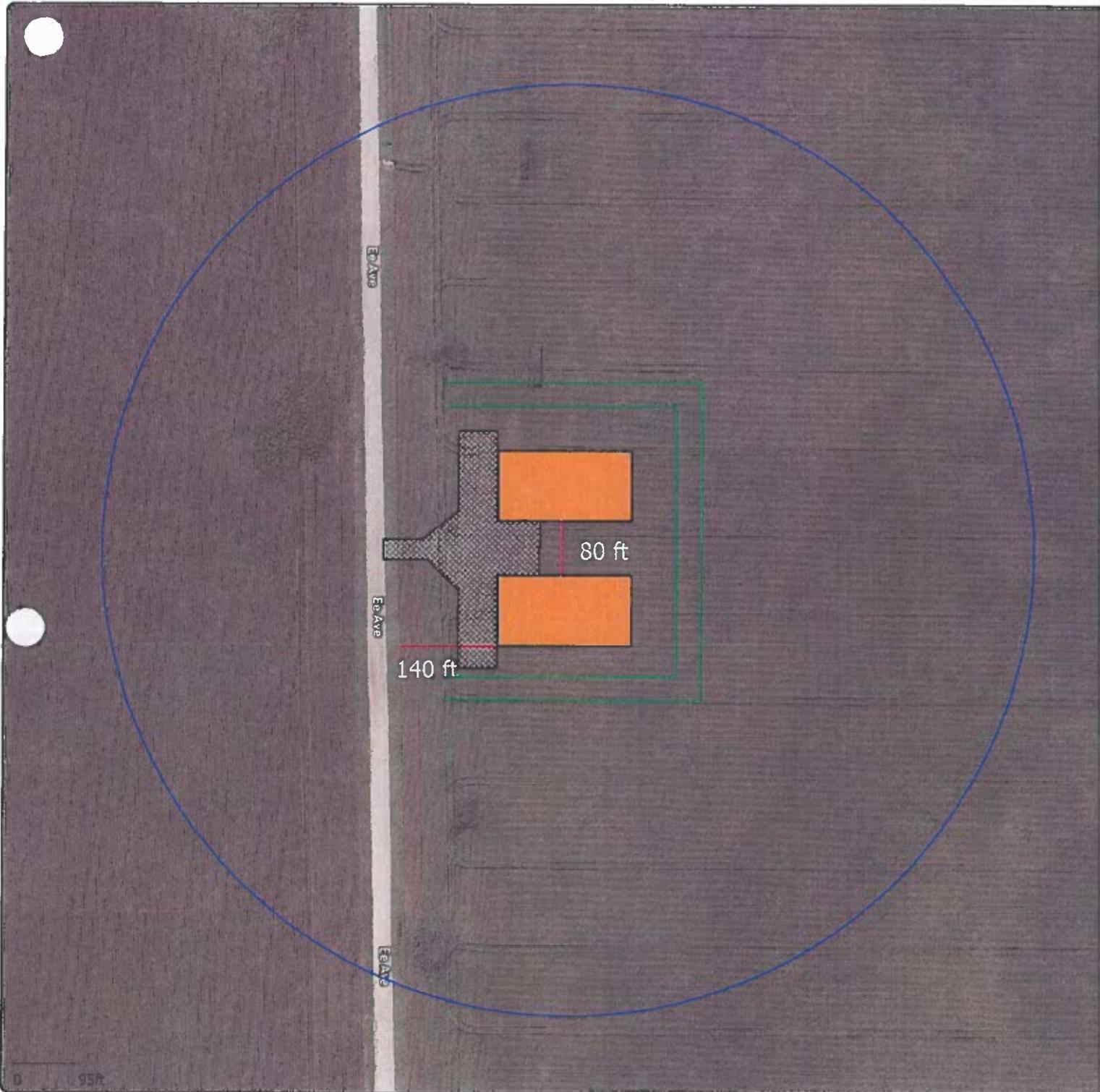
Total	440	86	153.5	200.5
Total to Pass	440	53.38	67.75	101.13

Requires: "Design, Operation, and Maintenance Plan"

Requires: "Supporting Documentation"

Buckeye 3

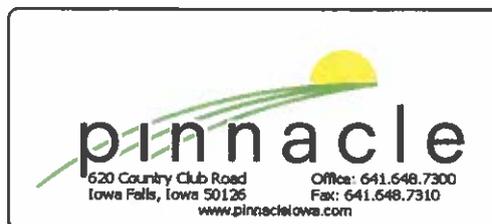
Site Placement



- No Well within 100'
- No Public Use within 4001'
- No Wetlands within 2500'
- No HQ & Protected Water within 2000'

Date: 6/1/22
 Buckeye 3
 Hardin County, IA
 Section 03, T88N, R22W

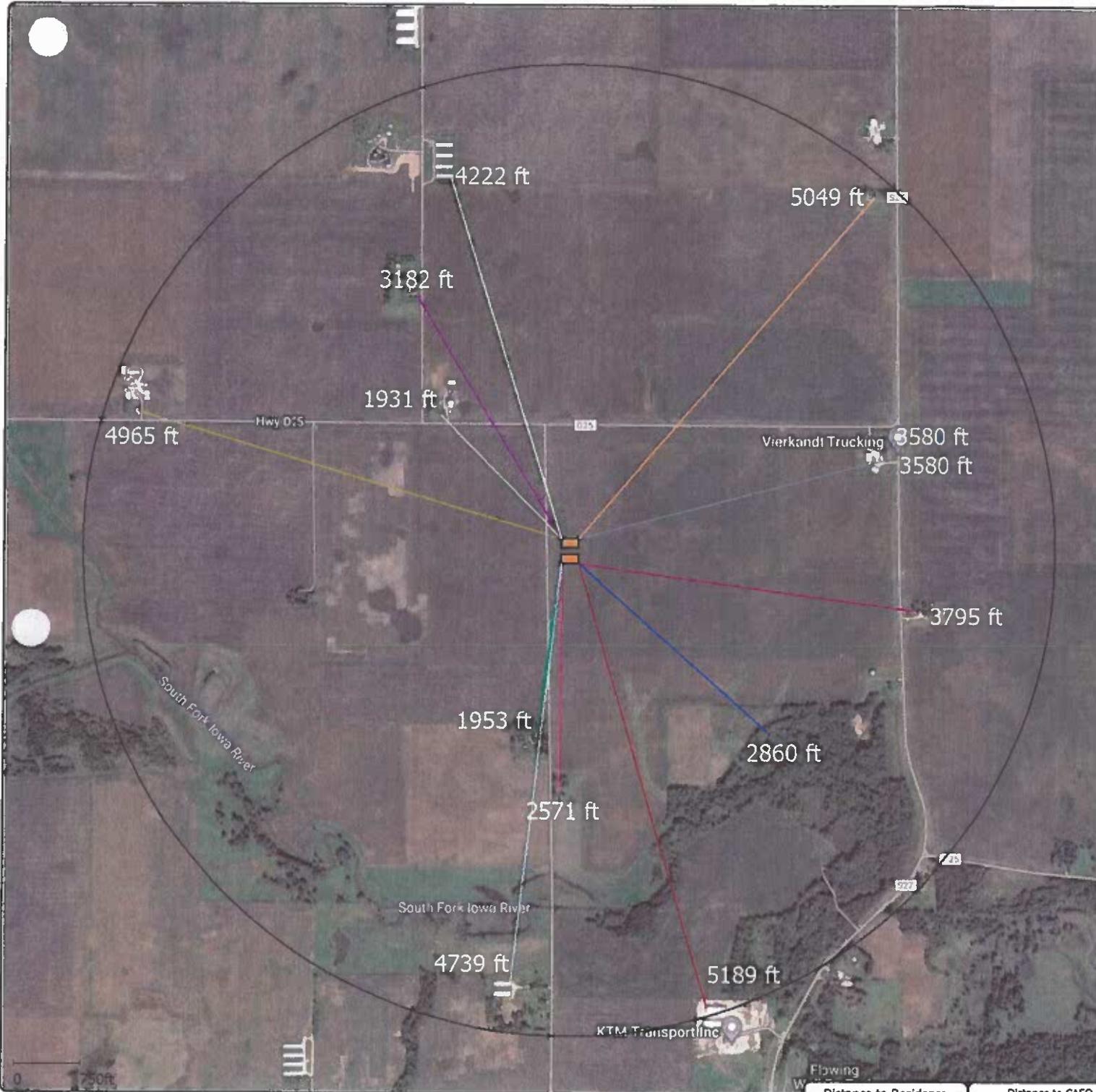
Grower : Buckeye 3
 Farm : Site Placement
 Field : Distances



 Trees	 Drive
 Distance to Fence (ft) 140	 500 Ft Water Buffer
 Distance Between Barns (ft) 80	 Feature ID Site

Hardin Buckeye 3

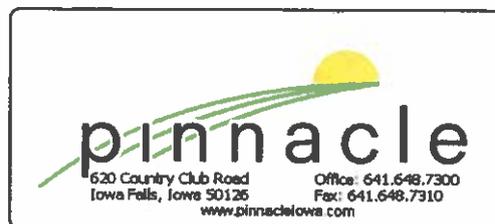
Site Placement



No Well within 100'
 No Public Use within 4001'
 No Wetlands within 2500'
 No HQ & Protected Water within 2000'

Date: 6/1/22
 Key: 3
 Hardin County, IA
 Section 03, T88N, R22W

Grower : Buckeye 3
 Farm : Site Placement
 Field : Distances



Distance to Residence (ft)		Distance to CAFO (ft)	
1953	2571	4739	4222
3795	3580	Distance to Water (ft)	
5049	3182	2860	
1931	4965	1 Mile Buffer	
Distance to CAFO (ft)		Feature ID	
4739	4222	Site	

Design, Operating, & Maintenance Plans & Supporting Documentation

SITE NAME – Buckeye 3

Master Matrix #2

The swine facility is located at least an additional **1,501 feet**, above the required **2,500 feet**, away from the closest Public Use Area; defined as 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. Refer to site map. Credits of **30 pts** have been counted in the Master Matrix for **Item 2**.

Master Matrix #3

The swine facility is located an additional **1,975 feet**, above the required **1,875 feet**, away from the closest Educational Institute, Religious Institution, or Commercial Enterprise. Refer to site map. Credits of **30 pts** have been counted in the Master Matrix for **Item 3**.

Master Matrix #4

The swine facility is located an additional **2,360 feet**, above the required **500 feet**, away from the closest water source. Refer to site map. Credits of **30 pts** have been counted in the Master Matrix for **Item 4**.

Master Matrix #6

The swine facility is located an additional **500 feet**, above the required **2,500 feet**, away from the closest critical public area. Refer to site map. Credits of **10 pts** have been counted in the Master Matrix for **Item 6**.

Master Matrix #8

The swine facility is located an additional **2,501 feet**, above the required **1,000 feet**, away from the closest Agricultural drainage well, known sinkhole, or major water source. Refer to site map. Credits of **50 pts** have been counted in the Master Matrix for **Item 8**.

Master Matrix #9

The swine facility is located at least **three-quarters of a mile** away from the nearest confinement facility that has a submitted department manure management plan. Refer to site map. Credits of **25 pts** have been counted in the Master Matrix for **Item 9**.

Master Matrix #10

The swine facility is located at least two times the minimum separation distance of **1,000 feet**, from the closest high quality water, high quality resource water, or protected water areas. Refer to site map. Credits of **30 pts** have been counted in the Master Matrix for **Item 10**.

Master Matrix #12

Points: We are claiming 30 points because this Manure Storage Structure has a cover. Iowa Code states that “a formed manure storage structure directly beneath a floor where animals are housed in a confinement feeding operation is deemed to be covered.” On this Site the building roof is the cover.

Design: The site will consist of 2 swine finishing buildings that have manure storage pits directly beneath the roof and floor where the pigs are housed, as required by DNR rules to be considered covered liquid manure storage. The roof has been designed and warranted using ribbed painted, or galvanized steel to withstand appropriate snow and wind loads for **Hardin** County, Iowa.

Operation: The roof is part of the Structure and has no moving parts, therefore it does not require an operating plan.

Maintenance: Each building’s roof and floor will be maintained to provide coverage of the manure storage structure. Maintenance of this cover will be minimal since it consists of steel. This facility will have a caretaker on site and in the buildings daily, if there is evidence of storm damage, or any holes/water leaks, which would be evidence of a hole; if found, they will be immediately repaired with appropriate materials to achieve as-built condition.

Credits of 30 points have been counted in the Master Matrix for **Item 12**.

Master Matrix # 17

Points: We are claiming 30 points because the manure storage structure is formed. The pit is “cast in place” reinforced concrete.

Design: The site will utilize an 8’ deep cast in place reinforced concrete pit. The reinforced cast in place structure meets requirements of Chapter 65 for manure storage, the housing of swine, and the support of roof, slats and walls. Tables for steel grade, size and spacing are reviewed by a DNR engineer through the permitting process. Wall and floor thickness, concrete strength, backfill soil categories, and traffic patterns are also reviewed. There will be a wall poured over an approved footing and floor incorporating a water stop that prevents infiltration/exfiltration. Refer to the Construction Design Statement for specifics. The Construction Design Statement has been completed and signed by the building contractor and contains a Construction Certification stating that it was designed in accordance with DNR rules.

Operation: The Manure Storage Structure is static and has no moving parts. The pit will be cleaned and inspected before animals are placed in building looking for any defects, such as cracks or honeycombing, and if discovered will be repaired to industry standards. The facility will be operated as a below building concrete pit. There will be a Caretaker on site and in the buildings daily, and will visually monitor manure levels. In addition water usage meters are routinely monitored by the caretaker to insure the ample water supply to pigs, and will also be used to identify excessive usage or leaks. The concrete walls of the manure storage pit are designed for heavy equipment to be operated no less than 5 feet from the walls. The pump-out pits are designed to allow heavy equipment to be operated closer than 5 feet, and are constructed using stronger design specifications. Perimeter Tile are requirement of this CDS and every tile outlet will have a monitoring location consisting of either a monitoring port including a valve in case of leak, or an outlet to the surface.

Maintenance: Due to the concrete design and specifications for the formed structure, maintenance is expected to be minimal for this structure. As a requirement of the CDS all concrete will be cured to minimize shrinking and cracking. Approximately 12" of pit will be exposed above the soil surface. There will be a Caretaker on site and in the buildings daily, and will routinely looking for cracks in the walls. The building contractor will be notified if any cracking is discovered.

The Caretaker will make routine observations of the perimeter footing tile discharge point, or monitoring port for signs of contamination; such as manure odor, visual discoloration, excessive liquid in the tile during dry periods, and dead foliage. If contamination is observed, an immediate investigation will be conducted to locate the source and the problem will immediately be corrected. A groundwater and/or structural expert will direct the investigation, and the investigation will include closing the tile shutoff valve and taking water samples for visual and laboratory analysis.

Initial Settling of soils will be monitored and corrected to eliminate standing water next to the manure storage structure.

Credits of **30** pts have been counted in the Master Matrix for **Item 17**.

Master Matrix # 19

Design: The site will have a truck turnaround area at least 120 feet in diameter and adequately surfaced for traffic in inclement weather. The site will have a truck turnaround area allowing the trucks to pull in to the site completely off of the road and turn around.

Operation: The driveway will be operated to provide for safe entrance and exit to the property for delivery vehicles and not obstruct the public thoroughfare.

Maintenance: The driveway will be maintained to a level that will support regular truck traffic. The driveway will be constructed with a 2-3 inch base. Road rock gravel will be used as a road surface that will be monitored for the purposes of leveling, filling potholes, and adequate snow removal.

Credits of **20** pts have been counted in the Master Matrix for **Item 19**.

Master Matrix #20

The construction permit applicant has no history of Administrative Orders in the last five years at any site in which the applicant has any interest.

Credits of **30** pts have been counted in the Master Matrix for **Item 20**.

Master Matrix #24

The facility has a capacity of **1 to 2000** animal units. Refer to Construction Permit Application, page 3.

Credits of **20** pts have been counted in the Master Matrix for **Item 24**.

Master Matrix #25

Design: The buildings on the site will utilize a wet/dry feeder, dry feeder with watering cups, or swinging nipples. Industry wide accepted data shows significant water savings from any of the three options as compared to a gate mounted watering nipple. Please refer to the attached scientific article illustrating the water savings and benefits any of the three methods mentioned above.

Operation: Feeders, watering cups, or swinging nipples will be adjusted to reduce waste and optimize feed efficiency for the facility. The water savings result in reducing the gallons of water in the pit that later has to be hauled out onto farm fields.

Maintenance: The feeders, watering cups, or swinging nipples will be inspected on a regular basis and adjusted as needed. Water flow will be monitored and adjusted to control waste and excess manure volume.

Credits of **25 pts** have been counted in the Master Matrix for **item 25**.

Master Matrix # 26 “e”

All manure will be injected or incorporated on the same date that it is applied.

Credits of **30 pts** have been counted in the Master Matrix for **Item 26e**.

Master Matrix # 31

Matrix item 26e states that all manure will be Injected or Incorporated.

There are no “public use areas” within 200 feet of any of the fields included in the Manure Management Plan. There will be no manure applied within 200’ of a public use area.

Credits of **5 pts** have been counted in the Master Matrix for **Item 31**.

Master Matrix #35

A separation distance of **400 feet** from the closest high quality water, high quality resource water, or protected water area, will be kept when land application of manure occurs.

Credits of **10 pts** have been counted in the Master Matrix for **Item 35**.

Master Matrix #37

A worker safety and protection plan is submitted with the construction permit application and was made a condition in the construction permit. The worker safety and protection plan and subsequent records will be kept on site with the manure management plan records.

Credits of **10 pts** have been counted in the Master Matrix for **Item 37**.

Master Matrix #40

An Emergency Action Plan in compliance with the Iowa State University Extension publication PM 1859 was submitted with the construction permit application and was made a condition in the construction permit. **The emergency action plan and subsequent records will be kept on site with the manure management plan records.**

Credits of **5 pts** have been counted in the Master Matrix for **Item 40**.

Master Matrix #41

THIS CLOSURE PLAN MUST BE KEPT ON SITE WITH ALL OTHER MMP DOCUMENTS. Closure Plan as of 5/31/22. This plan has been written in accordance with NRCS Conservation Practice Standard "Closure of Waste Impoundments". The closure plan is based on NRCS Code #360. This also meets the standards and requirements, which are set forth by the Iowa DNR. The closure shall comply with all federal, State of Iowa, local, and tribal laws, rules and regulations that are in place at the time of the closure. **Summit Farms Pork, LLC** will notify the DNR Filed office of their intent to close the structures on this farm which consists of two 8' deep pit barns, subsequent to six (6) months of the structure being empty of livestock. Applicant will follow any closure rules that may be established at that time that is more stringent than this closure plan. **Summit Farms Pork, LLC** and the DNR will establish a time line of completion for the closure plan.

1. Manure should be well agitated to try to remove as much manure as possible. The effluent, solids and any sludge will have an analysis for both nitrogen and phosphorus. This analysis will be used in determining the amount of material to be applied on a per acre basis according to the Manure Management Plan.
2. Non-concrete construction material should be removed and disposed of following DNR guidelines.
3. Slats should be removed for pit cleaning. Slates can be broken and added back after the pit is clean and walls have been knocked in.
4. All solids left in concrete containment shall be removed and field applied using agronomic rates.
5. After concrete containment is cleaned, applicant shall contact the DNR Field Office for visual inspection if DNR so advises. If DNR determines containment is clean enough to no create environmental impact, applicant may proceed to the next step.
6. Floor of containment shall be broken up so as to not impound water. Sub drain tile may be removed. Containment walls will be broken up and pulled into pit area. Demolished building materials shall be placed on top of concrete if not disposed of in another way.
7. Materials are to be covered with soil to a settled depth of one foot, and the backfill be sufficiently mounded such that runoff will be diverted from the site after the backfill settles.
8. Measures shall be taken during the construction to minimize site erosion and pollution of downstream water resources. This may include such items as silt fences, hag able barriers, temporary vegetation, and mulching.

Credits of 5 pts have been taken for **Item 41**.

Master Matrix #42

An Environmental Management System (EMS) is submitted with the construction permit application and was made a condition in the construction permit.

Credits of 15 pts have been counted in the Master Matrix for **Item 42**.

Original research

Impact of feeders and drinker devices on pig performance, water use, and manure volume

Michael C. Brumm, MS, PhD; James M. Dahlquist, MS; Jill M. Heemstra, MS

Summary

Objective: To determine the impact of feeder and drinker designs on pig performance, water use, and manure volume.

Methods: Experiment One compared a wet/dry feeder to a dry feeder with wall-mounted nipple drinker. Experiment Two compared a swinging nipple drinker to a gate-mounted nipple, and Experiment Three compared a bowl drinker to the swinging drinker of Experiment Two. In all experiments, pigs were housed in pens of 20–24 pigs per pen in partially slatted, mechanically ventilated facilities.

Results: In Experiment One, water disappearance (L per pig per day) was 4.49 for the wet/dry feeder versus 6.06 for the dry feeder plus nipple drinker. In Experiment Two, water disappearance was 4.90 L per pig per day for the swinging drinker versus 5.50 for the gate-mounted drinker. In Experiment Three, water disappearance was 3.78 for the bowl versus 5.01 for the swinging drinker. Summer manure production in Experiment One was 4.96 L per pig per day for the wet-dry feeder versus 7.02 for the nipple drinker. Winter manure production was 3.96 L per pig per day for the swinging drinker versus 4.59 for the nipple drinker in Experiment Two.

Implications: These results document the wide range in water use and manure volume associated with feeder and drinker devices installed in swine facilities. They also suggest lower amounts of total water use and manure volume than those currently cited in the literature or used by regulatory officials.

For the overall experiment, pigs on wet/dry feeders used 1 kg of water less per kg of feed than did pigs on the conventional system.

The overall W:F ratio was lowest for the wet/dry feeder (1.78; Experiment One) and similar to the bowl drinker (1.89; Experiment Three).

In observations consistent with ours in Experiment One, Maton and Daelemans¹⁴ concluded that all wet feeders included in their experiments reduced water spillage so that water consumption was only 70%–80% of that observed from conventional feeders and nipple drinkers. In addition, slurry (manure) volume was reduced by 20%–30% in their study.

Table 2: Manure production

	Experiment One (summer)		Experiment Two	
	Dry	Wet/dry	Swing	Nipple
Per pig per day				
Volume	7.02 L (1.85 gal)	4.96 L (1.31 gal)	3.96 L (1.05 gal)	4.59 L (1.21 gal)
Mass [*]	7.0 kg (15.4 lb)	4.9 kg (10.8 lb)	3.9 kg (8.6 lb)	4.5 kg (9.9 lb)
Per 1000 kg bodyweight				
Mass	109 kg (240 lb)	76 kg (167 lb)	61 kg (134 lb)	70 kg (154 lb)

* 990 kg per m³ (61.8 lb per cu. foot); ASAE⁰

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Swine Employee Safety & Protection Plan

If, at any time, you feel you cannot do a job safely, stop and discuss it with us and we will work together to fix the problem.

Work clothes

You are expected to come to work dressed in suitable clothes that do not pose a safety risk. Suitable clothes include:

- sturdy work boots with non-slip soles for general work on-farm;
- tough overalls or long, washable trousers;
- a comfortable shirt – long sleeves should be either buttoned at the wrist or rolled up so that no loose ends can be caught in machinery or on protruding materials, the shirt should also be tucked into your trousers for the same reason;
- a broad-brimmed hat for outdoor work; and
- wet weather gear.

You are expected to wash your work clothes daily, particularly after working with chemicals.

Hygiene

Attention to personal hygiene is essential. It is in the interests of your health and our business.

If you are a smoker, we will support your attempts to quit, as smoking in a rural environment poses a fire risk.

You must:

- ensure your skin, especially your hands, are kept clean and washed with soapy water after working;
- wash your work clothes daily;
- keep up to date with your tetanus vaccinations;
- not be in possession of, consume or be suffering the effects of alcohol or illicit drugs;
- promptly report skin infections to the owner/manager;
- not smoke in the barns or any other farm buildings; and
- advise the owner/manager of any prescription medicines you may need to take during working hours – this is particularly important if you use asthma medication.

Use of protective clothing and equipment (PPE)

Protective clothing and equipment is provided for your personal protection while you work with us. All personal protection equipment (PPE) should be used as instructed, cleaned properly after use and kept in good order.

Let the owner/manager know if PPE is damaged or unavailable, or if you are having difficulty using the equipment provided.

The PPE includes:

- rubber boots;
- protective gloves for handling cleaning agents;
- hearing protection when noise is a problem;
- protective gloves, face masks, coveralls and respirators for handling chemicals;
- sunscreen when working in direct sunlight;
- goggles or safety glasses for eye protection; and

Handling chemicals

The chemicals used on-farm include detergents and other chemicals used to control insects, weeds, fungal diseases, mice and rats.

- Only use chemicals if you have been trained in their use and are authorised to do so.
- Anyone handling farm chemicals must comply with the instructions on the label and the Material Safety Data Sheet (MSDS). The MSDSs are located in the site office
- If you cannot understand the label or the MSDS, or have difficulty reading them, ask for help before continuing.
- The recommended personal protection equipment (PPE) should be worn during chemical mixing, application and clean up.

- Always have clean water available for washing down and clean clothes when using chemicals.
- When you have finished your job, the equipment should be washed down and the chemicals locked away in the chemical storage area.

Equipment operation and maintenance

- Make sure you have received instruction and training, or have been assessed before you operate any equipment for the first time.
- Become familiar with the operator's manual for all the machinery you operate.
- Read, understand and comply with all the safety warnings on machinery and equipment, and in the operator's manual.
- Ensure the power has been isolated before removing the guards on any machinery for maintenance or testing.
- As soon as the job is finished, always replace a guard that has been removed for machine maintenance or to clear a blockage.
- Tell the owner/manager about guards that have been damaged or exposed moving parts on machinery that may present the risk of injury.
- Keys must be removed from machinery after use and placed in the key cupboard.

Being ready for emergencies

- All accidents and injuries must be reported to the owner/manager.
- Before setting out each day, ensure you have enough water to keep you well hydrated.
- Always let someone know where you plan to be on the farm, particularly if you are on your own. If no one is about, write it down and leave a note in a conspicuous place.
- First aid kits are located in the office
- Make sure the emergency telephone numbers are posted in the office

Emergency Action Plans

Emergency action plans provide detailed information on what to do if you have an accident or emergency at your livestock facility, such as a manure spill. While Emergency Action Plans are not required, it is a good idea to keep a copy of the plan with your manure management plan or records, production records, or somewhere that is easily located by you, family members, or employees. A well-designed and implemented emergency action plan can reduce the severity of emergencies, the risk to humans and animals, the economic losses, and the potential of environmental pollution.

This fact sheet is designed to address emergency action plans in the event of a manure leak or spill. In addition to developing an emergency action plan to address manure management, you might consider developing additional plans to address mass animal mortalities; weather-related emergencies; or electrical, plumbing, or other mechanical failures.

An emergency action plan should contain four items:

- 1) a plan of action to prevent the release of manure or prevent environmental contamination
- 2) a detailed map of the site and application fields
- 3) a list of contact names and numbers included with the plan and posted near the phone
- 4) a clean-up plan

This fact sheet is not designed to be a “fill-in-the-blank” form. It is designed to give you the basic information needed to prepare an emergency action plan. The plan you design will be specific to your livestock facility and your management practices. You may want to work with your local emergency management coordinator when developing your emergency action plan. The coordinator can help you identify resources and file any necessary notifications needed in the response of an accident or spill.

PLAN OF ACTION

A plan of action should be developed for each livestock facility. Review the plan of action every six months and make sure all personnel involved with the livestock facility are familiar with the plan. Items to consider for a plan of action include:

- Assess the situation, know what factors are at risk (human health, animal welfare, the environment, livestock structures)
- Reduce risk through implementation of planned steps
 - Prevent spills or discharges by maintaining equipment and following plans
 - Eliminate the source of manure if spill or discharge occur
 - Contain the spill
- Contact appropriate authorities to report emergencies or accidents
- Assess damages

In the event of a manure spill or leak, every effort possible should be made to prevent movement of manure off-site. If necessary, contact neighbors or nearby contractors with earth-moving equipment available to assist with containment. If tile intakes are present, have devices on hand to prevent manure from entering the tile lines. Contact neighbors with manure handling equipment to land apply the manure. Prevent manure from entering bodies of water or other environmentally sensitive areas, such as sinkholes and ag drainage wells. For assistance, contact your local sheriff's department or other emergency response personnel in your county. **State law requires that you report manure spills or leaks to the Iowa Department of Natural Resources as soon as possible, but not later than 6 hours from onset or discovery of the problem (see Contact Names and Numbers).**

Emergency Action Plans

SITE MAP

A good planning tool for emergency action plans is a site map of the livestock facility. A site map can be of assistance to new employees, delivery personnel, and emergency response personnel. A site map should include the following information:

- Facility address and location (including e911 address)
- Building locations
- Electrical service boxes
- Water main connections and shut-off valves
- Identification of the manure storage structure with associated pump-out ports, valves, pumps, etc...
- Location of wellheads
- Identification of nearby tile intakes, sinkholes, ag drainage wells, streams, lakes or other environmentally sensitive areas
- Drainage and water movement indications
- Identification of property boundaries
- First aid kit
- Fire extinguisher(s)

In addition to a site map for livestock facilities, copies of maps of fields for land application of manure should be included. If you already have these maps filed with your manure management plans, an extra set could be filed with your emergency action plan. These maps should include manure application setback distances, designated areas, watercourses, and property boundaries. It is also helpful to include the location of field access roads and gates. You may wish to file a site map with your DNR regional field office.

CONTACT NAMES AND NUMBERS

See attached sheets.

CLEAN-UP PLAN

A clean-up plan should include methods of proper manure removal and land application of manure at agronomic rates. Manure applications from a spill should also be recorded in your manure management plan if you are required to have one. You should consult DNR field staff for appropriate clean-up methods. You may be required to file a report following a manure spill, leak or other incident.



This fact sheet was developed by the Iowa Manure Management Action Group (IMMAG). Special thanks to Don Peterson and Paul Miller, NRCS; Karen Grimes and Kathie Lee, IDNR staff; and Jeff Lorimor and Angela Rieck-Hinz, ISU; for development of this material. Members of IMMAG include: Natural Resource Conservation Service (NRCS), Iowa Environmental Council, Agribusiness Association of Iowa, Iowa Farm Bureau, Iowa Pork Producers Association, Iowa Cattlemen's Association, Iowa Poultry Association, Conservation Districts of Iowa, Farm Credit Services of America, Iowa Department of Natural Resources (IDNR), Division of Soil Conservation of the Iowa Department of Agriculture and Land Stewardship (DSC-DALS), Iowa Beef Center, Iowa Pork Industry Center and Iowa State University Extension, and the College of Agriculture.

A special thanks to the IDNR field staff, Extension field staff, and State Emergency Response personnel for assistance.

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Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture. Stanley R. Johnson, director, Cooperative Extension Service, Iowa State University of Science and Technology, Ames, Iowa.

Contact Names and Numbers

A list of contact names and numbers should be filed with the emergency action plan and a copy posted by the phone for emergencies.

Site Name

Buckeye 3

Owner/Operator

Name: Summit Farms Pork, LLC
Phone: 515-854-9820

Site Address (including e911 address)

EE Ave.
Alden, IA 50006

Specific Directions to the Site

See Attached maps

HUMAN INJURY

Explain that self-contained breathing apparatus may be required if someone has been overcome by gases.

Rescue Unit/Ambulance

Phone: 911

Doctor or Physician

Name: Hansen Family Hospital
Phone: 641-648-7000

Hospital or Medical Clinic

Name: Hansen Family Hospital
Phone: 641-648-7000

Fire Department

Phone: 911

County Sheriff

Name: Hardin County Sheriff
Phone: 641-959-8189

County Health Official

Name: Hardin County Public Health
Phone: 641-939-8444

Poison Control Center

Phone: 1800-222-1222

Others

Name: Hardin County Environmental Health
Phone: 641-849-7372

Name: _____

Phone: _____

From Buckeye → Buckeye 3



7 min (5.1 miles)

Start in Buckeye, Ohio

Destination: Buckeye 3

Buckeye

Ohio

Head west on County Hwy D38 (Highway Ave) toward

Market St

1 Continue to follow County Hwy D38

0.2 mi

2 Right turn to stay on County Hwy D38

0.1 mi

3 Left turn onto County Rd 827

0.1 mi

4 Turn left onto Hwy 125

1.4 mi

5 Turn left onto Ex 406

1 Buckeye exit will be on the right

0.1 mi

Buckeye Township

Ohio

7 min (5.1 miles) route from Buckeye, Ohio to Buckeye 3, Ohio. The route is 5.1 miles long and takes 7 minutes to complete. The route starts in Buckeye, Ohio and ends in Buckeye 3, Ohio. The route is marked in blue on the map.

Contact Names and Numbers

Manure Leaks or Spills

IOWA DEPARTMENT OF NATURAL RESOURCES FIELD OFFICE

State law requires that you report manure spills or leaks to the Iowa Department of Natural Resources as soon as possible, but not later than 6 hours from onset or discovery of the problem (see *Contact Names and Numbers*).

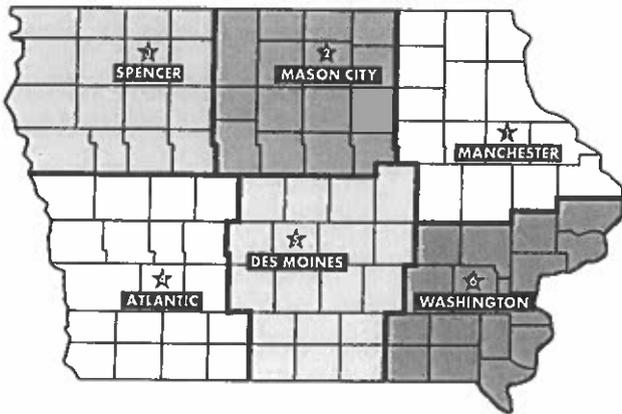
Work Days 8 a.m. - 4:30 p.m.

Phone: 641-424-4073

Weekends, Holidays, and After Business Hours

Phone: (515) 281-8694

**FIELD OFFICE LOCATIONS
ENVIRONMENTAL PROTECTION DIVISION**



FIELD OFFICE	LOCATION	PHONE NUMBER
1	909 W. Main, Suite 4 • Manchester, IA 52057	319-927-2640
2	2300 15th St. SW • Mason City, IA 50401	641-424-4073
3	1900 North Grand Ave. • Spencer, IA 51301	712-262-4177
4	1401 Sunnyside Lane • Atlantic, IA 50022	712-243-1934
5	401 SW 7th St., Suite 1 • Des Moines, IA 50309	515-725-0268
6	1004 West Madison • Washington, IA 52353	319-653-2135

COUNTY SHERIFF

Name: Hardin County Sheriff

Phone: 641-939-8189

CONTRACTOR

Earth Moving

Name: Summit Agricultural Group

Phone: 515-854-9820

Pumping Equipment

Name: Summit Agricultural Group

Phone: 515-854-9820

Hauling Equipment

Name: Summit Agricultural Group

Phone: 515-854-9820

Equipment Owners

Name: Summit Agricultural Group

Phone: 515-854-9820

County Engineer

Name: Hardin County Engineer

Phone: 641-858-5058

Others

Name: _____

Phone: _____

Contact Names and Numbers

PARTIAL SYSTEM FAILURE

Equipment suppliers and technicians:

Electricity

Name: Quality Ag Builders, Inc

Phone: 515-859-7824

Insurance Carrier

Name: West Field

Phone: 1-800-243-0210

Policy: _____

Plumbing

Name: Quality Ag Builders, Inc

Phone: 515-859-7824

Other

Ventilation

Name: Quality Ag Builders, Inc.

Phone: 515-859-7824

Heating

Name: Quality Ag Builders, Inc.

Phone: 515-859-7824

Feed

Name: Summit Agricultural Group

Phone: 515-854-9820

Veterinarian

Name: Summit Agricultural Group

Phone: 515-854-9820

Mortality Disposal

Name: Darling International, Inc

Phone: 515-883-7700

Emergency Action Plan

1) A plan of action to prevent the release of manure or prevent environmental contamination.

- The building will be designed with cup waters, wet/dry feeders, or swinging nipple waters which will result in a significant reduction in annual manure production.
- There will be a Caretaker on site and in the barns daily, and will visually inspect and monitor manure levels.
- During the manure removal process, it will be our plan to cap any agitation pumps and never leave any loading pumps with load stands unattended.

2) A detailed map of the site and application fields.

- A map of the proposed site layout is attached.
- A plat map of the application fields is attached.

3) A list of contact names and numbers included with the plan and posted near the phone.

- Attached

4) A clean-up plan

- In the event of a manure spill we will use any appropriate means to prevent the manure from leaving the site, or reaching any water. Contained liquids will be sucked up using pump and applied as a slurry according to the MMP. Wood chips or straw will be used as a final drying agent where possible, and then will also be applied per the MMP.

Buckeye 3
EE Ave.
Alden, IA 50006

Environmental Management System

Purpose

The purpose of the Environmental Management System (EMS) and its components is to implement management practices that improve financial, social and environmental sustainability of an animal feeding operation.

Key Components to the EMS

Construction and Permitting of the Site: Site Location is crucial to the community and site owners. Prior to construction the site is planned out and mapped to avoid any areas of concern and to make sure the DNR distance requirements are met. The site is inspected to make sure that it is not on Karst soils or in a flood plain. Measurements are taken within one mile around the site to residences, water, other CAFOS, businesses and public use areas to confirm separation distances. The site owner works with a contractor and has submitted a Construction Design Statement to prove quality of concrete in the pit. DNR will be or has been called and notified on first pour of concrete for inspection. After construction and before pigs are placed in barn the construction certification has been filled out and submitted to DNR.

Manure Management Plan: A manure management plan is updated and filed each year with Iowa DNR according to the 567 Iowa Administrative Code 65.16 (1). Manure is applied to fields that have been scored using the Iowa Phosphorus Index. The Iowa Phosphorus Index takes into account soil type, erosion potential, slope, distance to nearest water as well as phosphorus levels in the soil. Rates are then calculated from a manure sample that is taken yearly. Calculated rates do not exceed the nitrogen use levels necessary to obtain optimum crop yields. Field acres are sufficient to apply all manure in the MMP to and all have written consent forms with land owners to apply manure to their fields.

Manure Storage: Manure storage is crucial to the hog operation. Manure is collected in a pit under each building. With the use of wet dry feeders, pits have a capacity to hold 12 months of storage in an 8ft pit. This allows for producer flexibility on timing of manure application.

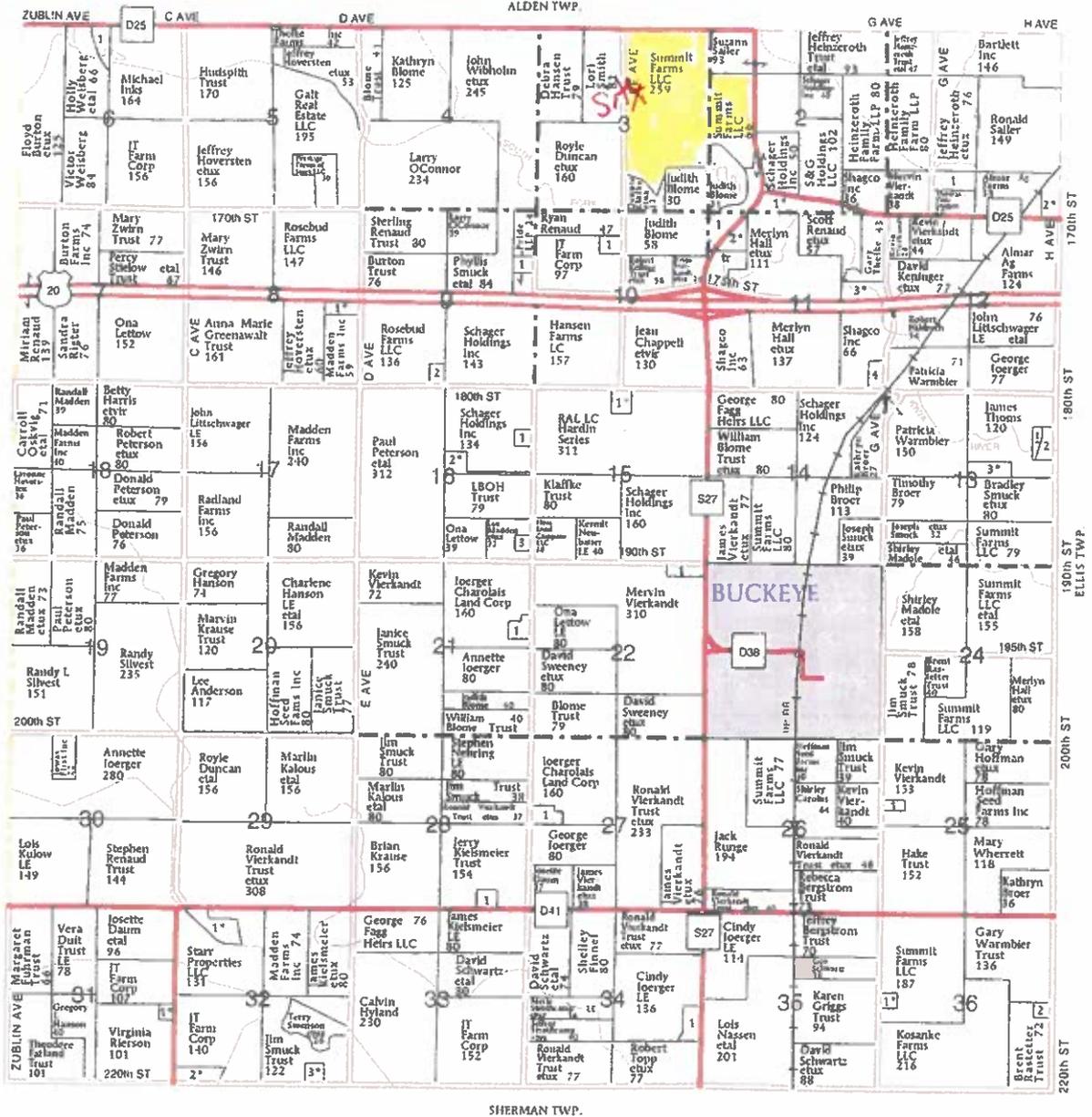
Application of Manure: Application takes place either in the Spring or Fall. Before application rates are calculated and pits are agitated to make the manure more consistent. Certified applicators are hired by the site owner and manure is injected onto fields in the Manure Management Plan (MMP). Injection of the manure is beneficial to the producer as it reduces nitrogen volatility, reduces odor and reduces nutrient loss. Manure that is injected has a Nitrogen application loss factor of 0.98 compared to surface application with a factor of 0.75. The injection of manure applies nutrients in the soil directly where it is needed so crops can utilize them.

Spill Response: Site has implemented a response and cleanup plan in case of spills during the transportation and hauling of manure. If a spill takes place DNR will be contacted as well as contacts for hauling equipment, pumping equipment and the MMP service provider. An emergency action plan is in place and on site with all contacts and numbers needed for a spill. Manure will be contained and cleaned up to DNR requirements.

Mortality Disposal: There are two main kinds of mortality disposal, rendering and composting. Both are good ways to dispose of any mortalities.

Rendering is a practice that converts dead animals to value added product such as protein feed. Hog mortalities are placed in secure containers to prevent access to wildlife. Mortalities are picked up weekly by a rendering company. In the event of a catastrophic loss due to disease or weather event owner will provide labor and trucking assistance to the rendering facility.

Composting is a practice that converts dead animals into compost to then be applied to fields as a fertilizer. Mortalities are placed in bins and covered with material such as corn stover as well as other organic material. Mortalities then break down naturally and are applied to fields as a soil amendment. Compost piles are checked daily to make sure all mortalities are covered properly.



BUCKEYE TOWNSHIP

SECTION 1

- 1. Saller, Ronald 15
- 2. Roberts Trust, Tom et ux 13

SECTION 2

- 1. Keninger, David et ux 16

SECTION 6

- 1. Weisberg, Ann 13

SECTION 8

- 1. Madden, Randall et ux 13

SECTION 9

- 1. Christensen Farms Midwest LLC 7

SECTION 10

- 1. Schutt, Clinton 7

SECTION 11

- 1. Blome, Judith 12
- 2. Clouse, Emmett et ux 27
- 3. Vierkandt, Mervin et ux 14

SECTION 13

- 1. Raska, Allen et ux 6
- 2. Raska, Allen 13
- 3. Smuck, Bradley et ux 17

SECTION 15

- 1. VanLangen, Julie et vir 8

SECTION 16

- 1. Schager, Scott 7
- 2. Klafke, Marvin et ux 15
- 3. Madden Farms Inc 8

SECTION 21

- 1. Summit Pork LLP 7

SECTION 22

- 1. Vierkandt, Kevin 9

SECTION 25

- 1. KDM Farms LLC 6

SECTION 27

- 1. Summit Pork LLP 8

SECTION 28

- 1. Kletsmeier, Jeffrey 6

SECTION 31

- 1. Bradshaw, Daniel et ux 6

SECTION 32

- 1. Halvorsen, Brett et ux 19
- 2. Jones, Merlin et ux 12
- 3. Swanson, Terry et ux 6

SECTION 34

- 1. Sweeney LE, Anette 20

SECTION 36

- 1. Berndt Trust, Roger et ux 5
- 2. Research Farms LLC 5

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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

Corn-Corn N-Rate (A)

(identify this application scenario by letter)

Method to determine optimum crop yield^g Timing of application

Method of application^h Application loss factor

If spray irrigation is used, identify methodⁱ

Table 2. Manure nutrient concentration

Manure Nutrient Content (lbs/1000gal or lbs/ton) ^j					
Total N	56	P ₂ O ₅		38	
%TN Available 1st year ^k	90%	2nd year	0%	3rd year	0%
Available N 1st year ^l	49.4	2nd year ^m	0.0	3rd year ⁿ	0.0

Table 3. Crop usage rates^o

lb/bu or lb/ton	N	P ₂ O ₅
Corn	1.2	0.32
Soybean	3.8	0.72
Alfalfa	50	13
Other crop <input type="text"/>	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 <input type="text"/>	Corn <input type="text"/>	Corn <input type="text"/>	Corn <input type="text"/>
2	Optimum Crop Yield ^q	bu or ton/acre	219	219	219	219
3	P ₂ O ₅ removed with crop by harvest ^r	lb/acre	70.1	70.1	70.1	70.1
4	Crop N utilization ^r	lb/acre	263	263	263	263
5a	Legume N credit ^s	lb/acre	0.00	0	0	0
5b	Commercial N planned ^t	lb/acre	0	0	0	0
5c	Manure N carryover credit ^u	lb/acre	0	0.0	0.0	0.0
6	Remaining crop N need ^v	lb/acre	263	263	263	263
7	Manure rate to supply remaining N ^w	gal/acre	5321	5321	5321	5321
8	P ₂ O ₅ applied with N-based rate ^x	lb/acre	202	202	202	202

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

9	Commercial P ₂ O ₅ planned ^y	lb/acre	0	0	0	0
10	Manure rate to supply P removal ^z	gal/acre	1844	1844	1844	1844
11	Manure rate for P based plan ^{aa}	gal/acre	1844	1844	1844	1844
12	Manure N applied with P-based plan ^{bb}	lb/acre	91	91	91	91

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

13	Planned manure application rate ^{cc}	gal/acre	5321	5321	5321	5321
----	---	----------	------	------	------	------

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.

(>15) No manure application.

42882203P6000 - Roben



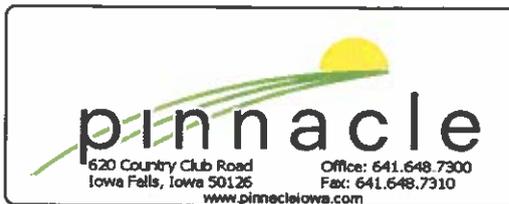
Grower : Buckeye 3

Farm : Fields

Field : 42882203P6000 - Roben

Latitude : 42.46328068

Longitude : -93.39342716



Feature ID
■ Total Acres (259.4 ac)



RUSLE2 Profile Erosion Calculation Record

Info: 42882203P6000

File: profiles\default

Inputs:

Location: USA\Iowa\Hardin County
 Soil: SSURGO\Hardin County, Iowa\L638C2 Clarion-Storden complex, Bemis moraine, 6 to 10 percent slopes, moderately eroded\Clarion Loam Bemis moraine, moderately eroded 45%
 Slope length (horiz): 130 ft
 Avg. slope steepness: 8.0 %

Management		Vegetation	Yield units	# yield units, #/ac
managements\CMZ 04\c.Other Local Mgt Records*CC North	vegetations\Corn, grain, high yield	Corn, grain, high yield	bushels	200.00

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: 2.4 t/ac/yr
 Detachment on slope: 2.4 t/ac/yr
 Soil loss for cons. plan: 2.4 t/ac/yr
 Sediment delivery: 2.4 t/ac/yr

Crit. slope length: 130 ft
 Surf. cover after planting: 62 %
 Avg. ann. total biomass removal: 0 lb/ac

Date	Operation	Vegetation	Surf. res. cov. after op. %
11/1/0	Manure injector, liquid high disturb. 30 inch		87
11/2/0	Chisel, st. pt.		64
4/12/1	Cultivator, field 6-12 in sweeps		60
4/15/1	Planter, double disk opnr w/fluted coultter	Corn, grain, high yield	62
10/20/1	Harvest, killing crop 50pct standing stubble		88

Iowa Phosphorus Index

Credits: Iowa State University
 USDA National Soil Tilth Laboratory
 USDA Natural Resource Conservation Service

Field Number	Gross Erosion		Sediment		Erosion		Erosion		Erosion		Runoff		Tile / Subsurface Recharge		Overall P Index		
	Erosion x	Trap Factor	x	SDR	x	Factor	x	Factor	x	Factor	STP	Factor	x	Factor		Tile/Sub PI	
42882203P6000 --	2.40	1.00	1.00	0.08	1.00	1.00	1.10	0.82	0.18	1.53	0.19	0.09	0.43	1.00	0.07	0.07	0.89

CY2022

Manure Management Plan Form

Appendix A8: Iowa Ag Statistics County Corn and Soybean Yield Averages, 2016-2020

Page 7

County	Corn			Soybeans		
	5-yr. avg. yield (bu/ac)	5-yr. ave. yield + 10% (bu/ac)	Avg. yield of 4 highest (bu/ac)	5-yr. avg. yield (bu/ac)	5-yr. ave. yield + 10% (bu/ac)	Avg. yield of 4 highest (bu/ac)
Adair	172	189	178	52	57	53
Adams	181	199	183	55	60	55
Allamakee	196	215	198	55	61	56
Appanoose	162	178	167	47	52	49
Audubon	197	217	203	56	61	58
Benton	195	214	207	59	65	59
Black Hawk	200	219	207	57	63	58
Boone	190	209	197	55	60	56
Bremer	207	228	212	57	63	58
Buchanan	208	229	213	57	63	57
Buena Vista	192	211	193	56	62	57
Butler	207	227	210	56	62	57
Calhoun	191	210	199	55	60	57
Carroll	199	219	211	58	64	59
Cass	188	207	193	55	60	57
Cedar	202	222	213	60	66	46
Cerro Gordo	192	212	195	55	61	56
Cherokee	206	227	211	62	68	64
Chickasaw	199	218	202	54	59	55
Clarke	153	168	159	47	51	47
Clay	182	201	188	54	60	56
Clayton	203	223	206	59	65	60
Clinton	203	223	209	59	65	59
Crawford	213	235	221	60	67	62
Dallas	180	198	190	53	58	55
Davis	161	177	174	48	53	51
Decatur	159	175	167	48	53	49
Delaware	208	229	212	61	68	63
Des Moines	195	214	199	60	66	61
Dickinson	180	198	184	54	59	55
Dubuque	211	232	214	59	65	60
Emmet	189	207	197	55	60	57
Fayette	198	218	203	57	63	58
Floyd	195	215	198	54	59	55
Franklin	200	220	204	57	63	58
Fremont	193	212	196	54	60	55
Greene	193	212	203	56	61	57
Grundy	207	228	213	61	67	63
Guthrie	187	206	196	54	59	56
Hamilton	192	211	198	54	59	55
Hancock	194	214	199	56	62	58
Hardin	199	219	210	57	63	58

Manure Management Plan Form

Appendix A8: Iowa Ag Statistics County Corn and Soybean Yield Averages, 2016-2020

(continued)

Page 8

County	Corn			Soybeans		
	5-yr. avg. yield (bu/ac)	5-yr. ave. yield + 10% (bu/ac)	Avg. yield of 4 highest (bu/ac)	5-yr. avg. yield (bu/ac)	5-yr. ave. yield + 10% (bu/ac)	Avg. yield of 4 highest (bu/ac)
Harrison	193	212	197	54	60	55
Henry	185	203	190	58	64	59
Howard	195	214	197	53	59	54
Humboldt	192	211	199	56	62	57
Ida	211	232	216	61	67	62
Iowa	196	216	207	54	60	56
Jackson	196	215	198	57	63	58
Jasper	205	225	212	59	65	60
Jefferson	178	196	182	54	59	56
Johnson	192	211	199	56	61	57
Jones	201	221	208	57	63	58
Keokuk	186	204	191	55	60	56
Kossuth	196	216	200	59	65	60
Lee	184	203	187	57	63	59
Linn	205	225	214	57	63	58
Louisa	194	214	199	56	62	57
Lucas	150	165	155	46	51	47
Lyon	201	221	204	61	67	63
Madison	175	193	177	53	58	53
Mahaska	192	211	196	57	62	57
Marion	184	203	188	55	61	56
Marshall	212	233	220	61	67	62
Mills	192	211	195	53	58	54
Mitchell	201	221	203	56	61	57
Monona	189	208	191	56	61	56
Monroe	167	184	170	52	57	54
Montgomery	193	213	195	54	60	56
Muscatine	193	213	198	59	64	60
O'Brien	206	227	208	61	67	62
Osceola	193	212	196	56	61	57
Page	188	207	190	54	60	55
Palo Alto	186	205	193	56	61	57
Plymouth	202	222	208	59	65	61
Pocahontas	191	210	194	55	61	57
Polk	187	205	196	53	58	54
Pottawattamie	198	217	203	55	61	57
Poweshiek	197	217	212	56	61	57
Ringgold	170	187	174	51	56	51
Sac	201	221	211	57	63	60
Scott	204	225	210	62	69	63
Shelby	204	224	208	57	63	59
Sioux	208	229	212	63	69	64

Manure Management Plan Form

Appendix A8: Iowa Ag Statistics County Corn and Soybean Yield Averages, 2016-2020

(continued)

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County	Corn			Soybeans		
	5-yr. avg. yield (bu/ac)	5-yr. ave. yield + 10% (bu/ac)	Avg. yield of 4 highest (bu/ac)	5-yr. avg. yield (bu/ac)	5-yr. ave. yield + 10% (bu/ac)	Avg. yield of 4 highest (bu/ac)
Story	189	207	198	54	59	55
Tama	198	218	215	58	64	60
Taylor	164	180	166	51	56	52
Union	167	184	172	51	56	52
Van Buren	165	181	174	49	54	52
Wapello	175	192	180	54	59	56
Warren	171	188	175	51	57	52
Washington	202	222	207	57	63	58
Wayne	159	175	167	49	54	50
Webster	193	212	197	53	59	54
Winnebago	199	219	204	58	63	59
Winneshiek	198	217	202	55	60	55
Woodbury	207	227	210	58	64	59
Worth	195	214	198	55	60	56
Wright	194	214	198	56	61	56

The manure nutrient concentration varies considerably between animal species; dietary options; animal genetics; animal performance; production management and facility type; and collection, bedding, storage, handling, and agitation for land application.

Use of average or "book" nutrient values can be helpful for designing a new facility and creating manure management plans but is not very helpful in determining specific manure nutrient supply or application rates due to wide variation in nutrient concentrations between production facilities. For example, a recent sampling across swine finishing facilities found a range in total N from 32 to 79 lb N/1,000 gal, P from 17 to 54 lb P₂O₅/1,000 gal, and K from 23 to 48 lb K₂O/1,000 gal. A similar or larger range can be found with other manure types. Nutrient analyses often vary greatly as storage facilities are emptied or manure is stockpiled, and also among multiple samples collected from loads during land application. Therefore, collecting multiple manure samples and maintaining a history of analysis results will improve use of manure nutrients.

Manure has characteristics that make nutrient management different and sometimes more complicated than fertilizer. These include a mix of organic and inorganic nutrient forms; variation in nutrient concentration and forms; variation in dry matter and resultant handling as a liquid or solid; and relatively low nutrient concentration requiring large application volumes. Since manure nutrient composition can vary significantly, sampling and laboratory analysis are always needed, while with fertilizer nutrient concentrations are provided at a guaranteed analysis.

Manure can supply nutrients required by crops and replenish nutrients removed from soil by crop harvest. Since manure contains multiple nutrients, applications should consider not only what is needed for the crop to be grown but also how the ratio of nutrients in manure could affect soil test levels. This ensures adequate nutrient supply and reduces potential for over- or under-application and subsequent buildup or depletion in the soil. Good manure nutrient management should consider short-term and long-term impacts on crop nutrient supply and soil resources.

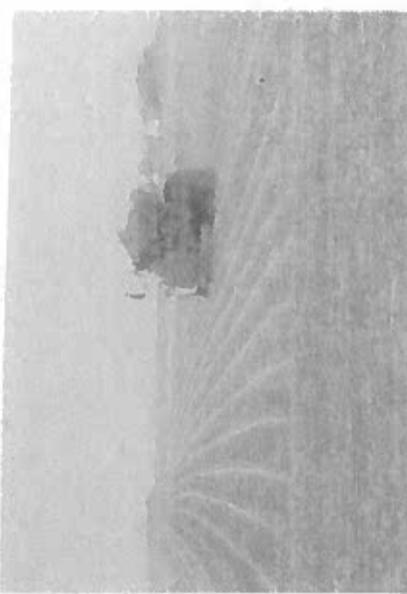
recommendations. Those can be found in the extension materials listed on page 7. If manure analyses are provided from the laboratory in other units, they must be converted to these units. See the ISU Extension manure sampling publication for appropriate conversion factors. If manure average nutrient values or methods to estimate manure nutrient concentrations based on excretion are of interest or needed for planning purposes, those can be found in the Midwest Plan Service bulletins listed on page 7.

Manure Nutrient Availability to Crops

Nutrient management guidelines use the words "manure nutrient availability" when suggesting manure applications to supply nutrients needed by crops. However, the meaning of "availability" for manure nutrients often is not clear or is not consistent. Available is defined as present or ready for immediate use, or present in such chemical or physical form as to be usable (as by a plant). The main reasoning for using the term "available" in describing manure nutrients is that some portions are in forms that cannot be used by plants immediately upon application to soil and have to be converted to a form that plants can take up. The term "available" is not typically applied to fertilizers because most include chemical forms that plants can take up or are quickly converted upon application to soil. According to this definition, most inorganic fertilizers contain basically

100 percent crop-available nutrients. For example, anhydrous ammonia dissolves in water and rapidly changes to ammonium, urea hydrolyzes to ammonium within a few days, and ammonium is further transformed to nitrate by soil microorganisms. Monopotassium phosphate (MAP) and diammonium phosphate (DAP) are highly soluble in water and dissolve to ammonium and orthophosphate. Potassium chloride (KCl, potash), dissolves in water to potassium (K⁺) and chloride (Cl⁻) ions. Both orthophosphate and K ions are taken up by plants. Because all K contained in manure is in the K⁺ ionic form, manure K is readily crop available in all manure sources.

For manure N and P, there is usually a mix of organic and inorganic materials that varies among manure sources, production systems, bedding, storage, and handling. This variety in forms of N and P in manure contributes to greater uncertainty in manure nutrient management compared with fertilizers. The ratio of inorganic (mainly ammonium) and organic N varies considerably with the manure source. This was shown, for example, by on-farm research that included manure sampling and analysis from swine and poultry operations. The fraction of total N as ammonium N was almost 100 percent for swine manure from the liquid portion of anaerobic lagoons, 65 to 100 percent (average 84 percent) for liquid swine manure from under-building pits or storage tanks, and 10 to 40 percent (average 20 percent) for solid poultry manure. The large ammonium-N concentration and organic-N fraction that is easily mineralized after application to soil explain why N in liquid swine manure is considered "highly" crop available and almost comparable to fertilizer N. Other manures have lower ammonium-N concentrations and greater (and tougher to degrade)



Using Manure Nutrients for Crop Production

organic materials due to bedding and feed materials. Considerable P in swine manure is orthophosphate and calcium phosphate compounds (derived both from feed and mineral supplements added to rations) that are soluble or dissolve quickly once applied to soil. The rest is organic P, which varies greatly in complexity and reaction in soil. Testing manure for ammonium-N or water-soluble N can be a way of estimating immediately available N. Unfortunately, a similarly useful test does not exist for P. Therefore, the availability estimate for manure N and P can be, and often is, less than 100 percent of total N and P.

Estimating Nutrient Availability

There is a clear difference between crop availability of nutrients in fertilizer or manure and season-long supply of nutrients. Significant

amounts of plant usable forms of nutrients in both fertilizer and manure might be lost and become unavailable to crops after application. For example, N can be lost through processes such as leaching, volatilization, or denitrification while P can be lost through erosion and surface runoff. Also, these nutrients can be converted for short or long periods of time into forms not usable by plants through processes such as immobilization to organic materials for N and retention by soil mineral constituents for P. Nutrient loss issues are not as pertinent for P and K as for N in Iowa soils as long as there is little soil erosion and surface runoff.

The immediate or long-term fate of plant usable nutrients in soil can be similar for manure and fertilizer. However, variation in manure nutrient concentration, application rate, and application distribution affect nutrient supply and contribute to increased uncertainty with manure management. Application rate and distribution uncertainties affect all applied nutrient sources but are more difficult to manage with manure than with fertilizer. With careful manure sampling, pre-application nutrient analysis, study of nutrient analysis history, and calibration of application equipment, reasonable manure nutrient application rates can be achieved. Due to material characteristics, and sampling and analysis variability, field distribution and application rate variability often is greater for dry manure sources.

These supply issues can be important for N, P, and K, although typically are of greater concern with N. There are several reasons, including manure usually is applied for corn production where N supply is critical, many Iowa soils have optimum or higher P and K test levels where need for and response to P and K is much less than with N, and crop deficiency symptoms and yield loss resulting from nutrient supply problems are more obvious for N.

Manure nutrient loss, application rate, and distribution uncertainties usually are not included in crop nutrient availability estimates. Instead, they

are handled by suggested management practices. Not all published guidelines are consistent in this regard and, therefore, suggested crop nutrient availabilities do vary between states and regions. In this publication, use of "availability" refers to manure nutrients potentially available for plant uptake (with no losses) by the first crop after application or beyond, and percent nutrient availability values provided correlate to those for commonly used fertilizers. The guidelines in this publication assume supply issues are handled in the best way possible as is done with fertilizers.

It is important to understand that for successful manure nutrient management, in many instances supply issues are as, or more, critical than estimates of nutrient availability.

Improving crop nutrient supply with manure can be achieved by understanding the issues related to manure nutrient analysis, application rate, application distribution, and the benefits and risks related to management practices such as application timing and placement that influence potential losses. Additionally, use of available tools to determine initial soil nutrient levels and adjust application rates can help provide for adequate season-long nutrient supply when either manure or fertilizer is used. These tools include commonly used pre-plant soil testing for P and K, estimates of N application rate need based on response trial data (such as the *Corn Nitrogen Rate Calculator*), and tools to help determine need for

additional N after planting corn such as the late-spring soil nitrate test and in-season crop sensing for N stress.

Manure Nutrient Application Recommendations

To determine manure application rates, the following information is required: needed crop nutrient fertilization rate for N, P, K, or other deficient nutrients; manure type; nutrient analysis; nutrient crop availability; and method of application. Nutrient recommendations for crops are provided in other Iowa State University Extension publications and are not repeated here (see list on page 7).

Once the needed nutrient application rate is determined, the manure rate to supply crop available nutrients is calculated based on the specific manure source being used

An additional consideration is what portion of the needed fertilization will be supplied from manure—to meet the full crop nutrient requirement, or a partial requirement from manure and the remaining from fertilizer. This is an important consideration because manure contains multiple nutrients and a manure rate to supply the most deficient nutrient can over-supply other nutrients. Also, manure application to meet the least deficient or most environmentally restrictive nutrient application can result in under-supply of other nutrients.

In these cases, use of fertilizers in addition to manure application is necessary to appropriately meet all nutrient application requirements.

Manure Nutrient Availability Values

Many of the manure N, P, and K crop availability estimates listed in Table 1 are derived from research trials conducted in Iowa. However, when local research is lacking, applicable information was taken from research conducted in other states. For manure sources not listed in the table, values based on manure with similar characteristics can provide a reasonable estimate. The ranges in nutrient availability are provided to account for variation in the proportion of organic and inorganic N and P forms, bedding type and amount, manure sampling and analysis variation, and application importance at different P and K soil test levels. See the footnote in Table 1 for further information on variability in manure nutrient availability.

First-Year Availability Estimates

Table 1. First-year nutrient availability for different animal manure sources.

Manure Source	Nitrogen ¹	Phosphorus ²	Potassium ²
	Percent of Total Nutrient Applied		
Beef cattle (solid or liquid)	30-50	80-100	90-100
Dairy (solid or liquid)	30-50	80-100	90-100
Liquid swine (anaerobic pit)	90-100	90-100	90-100
Liquid swine (anaerobic lagoon)	90-100 ³	90-100 ³	90-100
Poultry (all species)	50-60	90-100	90-100

¹The estimates for N availability do not account for potential volatile N losses during and after application. Correction factors for volatile loss are given in Table 2. The ranges are provided to account for variation in the proportion of ammonium N (and for poultry manure also uric acid) bedding type and amount, and both sampling and analysis.

²The ranges in P and K availability are provided to account for variation in sampling and analysis, and for needed P and K supply with different soil test levels. A small portion of manure P may not be available immediately after application, but all P is potentially available over time. Use lower P and K availability values for soils testing in the Very Low and Low soil test interpretation categories, where large yield loss could occur if residual P or K is applied and a reasonable buildup is desirable. Use 100% when manure is applied to maintain soil-test P and K in the Optimum soil test category, when the probability of a yield response is small.

³Values apply for the liquid portion of swine manure in lagoons; the N and P availability will be less and difficult to estimate with settled solids.

Second- and Third-Year Availability Estimates

While manure N may become crop available over multiple years for some sources, there should not be an expectation that all of the manure N will eventually become crop available. This happens because some of the N is in difficult to degrade organic forms (recalcitrant) and will become part of the soil organic matter. For some manure sources, such as with bedded systems, not all of the manure N should be accounted for in manure plans over multiple years and the first-, second-, or third-year availability may not add up to 100 percent.

Animal manure that has considerable organic material can have some residual-N availability in the second or third year after application. The second-year N availability estimate for beef cattle and dairy manure is 10 percent.

Adjusting for Manure Nitrogen Volatilization

The estimates for manure N availability in Table 1 do not consider potential volatile N losses during or after application. Losses are from various volatile N compounds in manure, such as ammonia, and ammonia that is produced when urea, ureic acid, or other compounds convert to ammonium. These are similar losses that can occur from some N fertilizers such as anhydrous ammonia, urea, and urea-ammonium nitrate (UAN) solutions. If manure is left on the soil surface, losses may occur until N is moved into the soil with rainfall or incorporated with tillage. Many factors affect the rate and amount of volatile loss, such as temperature, humidity, rainfall, soil moisture, soil pH, surface residue cover, and days to incorporation.

Volatile losses at or after application often are difficult to predict accurately. However, losses can be significant, and, therefore, it is important to make an adjustment for volatile N losses from applied manure and for manure management planning purposes. Values given in Table 2 provide guidance on potential volatile losses. The correction factors in Table 2 do not account for N losses during storage and handling (time from excretion to sampling for analysis) and assume a reasonable time period from sampling to land application so that the manure analysis represents the manure being applied. To estimate manure N remaining in soil after application, multiply the applied manure N rate by the appropriate correction factor.



Table 2. Correction factors to account for N volatilization losses during and after land application of animal manure.¹

Application Method	Incorporation	Volatilization Correction Factor ²
Direct Injection	—	0.98–1.00
Broadcast (liquid/solid)	Immediate incorporation	0.95–0.99
Broadcast (liquid)	No incorporation	0.75–0.90
Broadcast (solid)	No incorporation	0.70–0.85
Irrigation	No incorporation	0.60–0.75

¹Adapted from Midwest Plan Service MWP5-18, Third Edition. Nitrogen losses during and within four days of application.
²Multiply the manure total N rate applied times the volatilization correction factor to determine the portion of total manure N remaining.

Considerations for Time of Application

The time of application influences nutrient availability and potential manure and nutrient loss from soil. Fall applications allow more time for organic N and P portions of manure to mineralize so they are available for plant uptake the next crop season. This is more important for N in manures with high organic matter content, such as bedded systems. Iowa research has shown that fall versus springtime P and K application usually is not an agronomic issue for fertilizers or manure. The increased time for organic N mineralization with fall application also allows for nitrification of ammonium and therefore more potential nitrate loss through leaching or denitrification with excessively wet spring conditions. This is a more important issue for manure with large ammonium-N concentration, such as liquid swine manure. Coarse-textured soils, with high permeability, are the most likely to have leaching losses. Fine- and moderately fine-textured soils, prone to excess wetness, are most likely to have denitrification losses. Manure applied in the spring has less time for organic N and P mineralization before crop uptake. Delayed mineralization can be an important issue for manure with high organic matter content, especially in cold springs. With manure that

contains a large portion of N as ammonium, spring application allows for better timing of nitrification to nitrate and subsequent crop use, and less chance of N loss.

As a general rule, do not apply manure in the fall unless the soil temperature is 50° F and cooling at the four-inch soil depth. This will slow the mineralization and nitrification processes and is an especially important consideration for manure containing a large portion of N as ammonium.

Broadcasting manure onto frozen, snow-covered, water-saturated soils increases the potential for nutrient losses with rainfall or snowmelt runoff to surface water systems. If manure must be applied in these conditions, it should be applied on relatively flat land, slopes less than 5 percent, and well away from streams and waterways (see Iowa Department of Natural Resources rules on setback distances).



Using Manure Nutrients for Crop Production

Example: Calculation of Manure Application Rate:

Note: The N, P, and K fertilization requirements in these examples are determined from appropriate extension publications and Web-based tools listed at the right.

Example 1

Manure source: liquid swine manure, finishing under-building pig

Manure analysis: 40 lb N/1,000 gal, 23 lb P₂O₅/1,000 gal, 35 lb K₂O/1,000 gal

Intended crop: corn in a corn-soybean rotation.

Soil test: 19 ppm Bray P-1 (Optimum), 183 ppm Ammonium Acetate K (Optimum).

Crop yield and P and K removal for determining nutrient rates needed to maintain the Optimum soil test category: 200 bu/cropland yield, 73 lb P₂O₅/acre and 60 lb K₂O removal

Manure rate based on corn N fertilization requirement at 125 lb N/acre

Manure application injected bar fall

Manure nutrient availability 100 percent for N, P, and K

Manure N volatilization correction factor 0.98

Manure rate: 125 lb N/acre ÷ (98) = 127.56 lb N/1,000 gal × 1,000 gal/acre = 127,560 gal/acre

Manure available P and K nutrients applied: 127,560 gal/acre × (23 lb P₂O₅/1,000 gal × 1,000) = 2,934,720 lb P₂O₅/acre and 1,816,920 lb K₂O/acre

Phosphorus and K applied with the manure are adequate for P (slightly more than expected even removal) and will supply more than needed K. The extra P and K can be used by the next crop and should be accounted for. However, additional P and K will need to be applied for the following soybean crop

Example 2

Manure source: solid layer manure

Manure analysis: 72 lb N/ton, 09 lb P₂O₅/ton, 24 lb K₂O/ton

Intended crop: corn-soybean rotation

Soil tests: 18 ppm Bray P-1 (Optimum), 120 ppm Ammonium Acetate K (Low)

Manure rate based on P requirement for the crop rotation at 120 lb P₂O₅/acre

Manure application: bar fall, incorporated after four days

Manure nutrient availability: 55 percent for N, 100 percent for P and K

Manure N volatilization correction factor 0.80

Manure rate: 120 lb P₂O₅/acre ÷ (80) = 150 lb P₂O₅/ton × 1,000 = 150,000 lb/acre

Manure available N and K nutrients applied: 150,000 lb/acre × (72 lb N/ton × 1,000) = 10,800,000 lb N/acre and 3,600,000 lb K₂O/acre

Corn N fertilization need and K needed for the corn and soybean crops with a Low soil test category: 130 lb N/acre and 172 lb K₂O/acre

Crop available N and K applied with manure is not adequate for N, need additional 70 lb fertilizer N/acre (130 lb N/acre - 60 lb N/acre) and applied K is not adequate for the corn and soybean crops, need additional 80 lb K₂O/acre (172 - 92 lb K₂O/acre) from fertilizer

Using Manure Nutrients for Crop Production

Summary

- Carefully manage the nutrients in animal manure as you would manage fertilizer.
- Have representative manure samples analyzed to determine nutrient concentration. At a minimum, samples should be analyzed for moisture (dry matter) and total N, P, and K. For additional information on N composition, samples can be analyzed for ammonium. Maintain a manure analysis history for production facilities.
- Set the manure application rate according to crop fertilization requirements and for the crop availability of manure N, P, and K.
- Adjust manure rates for estimated N volatilization.
- For manure application rates, consider the crop N, P, and K fertilization requirements and field P-Index ratings, but do not exceed the crop N fertilization need.
- Consider the nutrient needs of crops rather than just individual crops, which is especially important for P and K management.
- Allocate manure to fields based on soil tests and crops to be grown.
- Fall applications of manure should not be made until the soil temperature is 50° F and cooling, especially for manure sources that have a large portion of N as ammonium.
- Do not apply manure to snow-covered, frozen, or water-saturated sloping ground to reduce risk of nutrient loss and water quality impairment.

Prepared by John E. Sawyer and Antonio P. Mellano, professors of agronomy and extension soil fertility specialists, Iowa State University



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... and justice for all

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Department	Employee	FY 2021/22	FY 2022/23
Board of Supervisors	Lance Granzow	\$ 38,536.00	\$ 40,848.00
	Reneé McClellan	\$ 38,536.00	\$ 40,848.00
	William Hoffman	\$ 38,536.00	\$ 40,848.00
Auditor	Jolene Pieters	\$ 66,759.00	\$ 70,764.00
	Jamie Geisler	\$ 19.14	\$ 19.90
	Tanner Lachied	\$ 19.00	\$ 19.50
	**Rebecca Junker	\$ 43,400.00	\$ 46,004.00
	Michelle Kuechenberg	\$ 17.50	\$ 18.25
Treasurer	Machel Eichmeier	\$ 66,360.00	\$ 70,342.00
	**Deanna Vaux	\$ 54,415.00	\$ 57,680.00
	**Jessica Wright	\$ 47,116.00	\$ 49,943.00
	Kristi Hofmeister	\$ 20.42	\$ 21.17
	**Sherry Simons	\$ 47,116.00	\$ 49,943.00
	Michelle Harken	\$ 19.74	\$ 20.49
	Ann Larson	\$ 18.30	\$ 19.05
Attorney	Darrell Meyer	\$ 102,583.00	\$ 108,748.00
	Clifford Cory	\$ 46,148.00	\$ 48,917
	Carol Fletcher	\$ 42,280.00	\$ 44,817
	Renee Springston (Part-Time)	\$ 15.50	\$ 16.00
Sheriff	David McDaniel	\$ 94,249.00	\$ 106,803.00
	Civil Deputy		
	Anita Reed	\$ 53,235.00	\$ 56,936.75
	Administrative Assistant		
	Mindy Gehrke	\$ 18.36	\$ 45,718.40
	Deputies		
	Jeffrey Brenneman	\$ 28.98	\$ 30.93
	Christain Copper	\$ 27.60	\$ 29.48
	James D. Holmes	\$ 80,115.00	\$ 90,766.50
	Lance Lemke	\$ 29.34	\$ 31.31
	Sean McKnight	\$ 26.51	\$ 28.34
	Kourtney Nachazel	\$ 29.48	\$ 31.45
	William Raum	\$ 29.60	\$ 31.58
	Israel Ruiz	\$ 26.51	\$ 28.34
	Tyler Swenson	\$ 26.51	\$ 28.34
	Part-Time Deputies		
	Michael Liitschwager	\$ 21.22	\$ 22.78
	Blake Munro	\$ 21.22	\$ 22.78
	Communications/Dispatch		
	Alissa Aronson	\$ 19.90	\$ 21.40
	Kassidy Havens	\$ 18.78	\$ 20.22
	Sara Robinson	\$ 24.46	\$ 26.18
	Heather Stacey	\$ 18.78	\$ 20.22
	Colin Chinery	\$ 20.00	\$ 21.50
	Part-Time Communications		
	Hannah Metz	\$ 18.78	\$ 20.22
	Jamie Kolthoff	\$ 18.78	\$ 20.22
	Jail Administration		
	Nicholas Whitmore	\$ 78,526.93	\$ 83,574.40
	Collections		
	Karla Gear	\$ 21.37	\$ 22.94
	Correctional Officers		
	Ryan Buseman	\$ 26.83	\$ 30.93
Benjamin Brandow	\$ 23.06	\$ 24.71	
Joshua June	\$ 23.06	\$ 24.71	
John Sorenson	\$ 23.06	\$ 24.71	
Drake Baade	\$ 18.90	\$ 20.35	
Jennifer Crosser	\$ 18.90	\$ 20.35	
Jeffrey Folkerts	\$ 21.30	\$ 22.87	
Brittany Gronewold	\$ 18.90	\$ 20.35	
Rebecca Maifeld	\$ 21.24	\$ 22.80	
Deb Mesch	\$ 22.31	\$ 23.93	
Leland Mosch	\$ 19.96	\$ 21.46	
Steve Recker	\$ 21.35	\$ 22.92	
Harli Schutt	\$ 18.90	\$ 20.35	
Paula Schutt	\$ 18.90	\$ 20.35	
Ian Showers	\$ 18.90	\$ 20.35	
Part-Time Correctional Officers			
Clint Brooner	\$ 18.90	\$ 20.35	
Shania Christensen	\$ 18.90	\$ 20.35	
Robert Drake	\$ 18.90	\$ 20.35	
Eric Eugenio	\$ 18.90	\$ 20.35	
Jeffery Grego	\$ 18.90	\$ 20.35	
Jennifer Kappel	\$ 18.90	\$ 20.35	
Daniel Kluesner	\$ 18.90	\$ 20.35	
Michelle Ryan	\$ 18.90	\$ 20.35	
Brooke Thieme	\$ 18.90	\$ 20.35	
Matron & Attendant	\$ 9.00	\$ 9.00	
Recorder	Lori Kadner	\$ 64,330.00	\$ 68,190
	**Cheryl Lawrence	\$ 54,701.00	\$ 57,962
	Laura Isenhower (Part-Time)	\$ 14.50	\$ 15.25
Assessor	****Connie Mesch**	\$ 74,250.00	\$ 80,950.00
	****Tifani Eisentrager	\$ 25.75	\$ 26.50
	****Denise Smith	\$ 20.00	\$ 20.75
IT	Matthew Jones	\$ 71,400.00	\$ 77,000.00

	Michael Pearce	\$ 50,000.00	\$ 55,000.00
Engineer	∞Taylor Roll	\$ 110,200.00	\$ 126,000.00
	Bruce Dieken	\$ 70,657.00	\$ 72,997.00
	Joseph Donald	\$ 28.32	\$ 29.57
	Mark Oliver	\$ 62,630.00	\$ 64,918.00
	Greg Ringena	\$ 71,260.00	\$ 74,900.00
	Carroll Adams	\$ 17.25	\$ 17.50
	Josh Benson	\$ 21.50	\$ 22.70
	Cole Birchmier	\$ 22.49	\$ 23.34
	Lucas Burton	\$ 22.60	\$ 23.65
	Chad Cearly	\$ 22.48	\$ 23.53
	Terry Clemons	\$ 23.18	\$ 24.28
	Keith Crosser	\$ 22.80	\$ 23.85
	Austin Day	\$ 21.50	\$ 22.50
	Brayton Diedrich	\$ 14.00	\$ 14.00
	Brandon Dilley	\$ 21.50	\$ 22.75
	Marty Eide	\$ 22.78	\$ 23.93
	Clint Friest	\$ 22.70	\$ 23.70
	Justin Goedken	\$ 21.25	\$ 22.25
	Glendon Granzow	\$ 22.69	\$ 23.79
	Scott Hackney	\$ 22.53	\$ 23.63
	Shane Holdgrafer	\$ 22.82	\$ 23.92
	Landon Janes	\$ 22.70	\$ 23.80
	Andrew Jeske	\$ 22.16	\$ 23.31
	Blake Jones	\$ 22.44	\$ 23.39
	Jason Leverton	\$ 22.68	\$ 23.88
	Paul Martin	\$ 22.20	\$ 23.35
	Miroslav Moore	\$ 21.50	\$ 22.40
	Mitchell Mosch	\$ 22.66	\$ 23.66
	Dan Nelson	\$ 22.36	\$ 23.16
	Travis Prochaska	\$ 22.13	\$ 23.03
	Clint Reents	\$ 22.83	\$ 24.03
	Rod Ryan	\$ 23.07	\$ 24.07
	Shane Schossow	\$ 23.18	\$ 24.18
	Dale Schwarck	\$ 22.37	\$ 23.37
	Ryan Stupp	\$ 22.60	\$ 23.65
	Johnathan Tjarks	\$ 22.60	\$ 23.70
	Shawn Toomsen	\$ 22.73	\$ 23.53
	Mark Whipple	\$ 21.50	\$ 22.25
Veteran's Affairs	****Janetta Buck	\$ 31,520.00	\$ 31,520.00
Conservation	****Wesley Wiese	\$ 66,592.33	\$ 68,143.00
	Craig Boomgarden	\$ 54,801.59	\$ 56,368.00
	Christopher Barber	\$ 59,145.60	\$ 60,719.00
	Kit Paper	\$ 45,406.00	\$ 46,967.00
	Davis Horton	\$ 43,895.61	\$ 45,447.00
	Brett Lawrence (Part-Time)	\$ 14.00	\$ 15.00
	Laura Carr (Part-Time)	\$ 12.00	\$ 14.00
Environmental Health	Jessica Sheridan	\$ 53,040.00	\$ 54,463.00
County Office Buildings	Jody Mesch	\$ 74,460.00	\$ 76,296.00
	Jordan Strait	\$ 21.50	\$ 43,387.00
Mental Health Services	Mary Swartz	\$ 26.64	\$ 28.24
Emergency Management	****Thomas Craighton	\$ 60,000.00	\$ 63,600.00
Economic Development	Angela De La Riva	\$ 61,863.00	\$ 66,500.00

****Set by board or commission other than Board of Supervisors

** Deputies - set by department heads

∞ Contract approved bi-annually for fiscal year basis

Approved by the Hardin County Board of Supervisors

BJ Hoffman, Chairperson

Date

Hardin County Wellness 2022



Join Hardin County's Wellness Program for the opportunity to earn a personal wellness day!

Earn points by participating in different county sponsored activities:

100 Points – Wellness Exam

50-75 Points – Exercise Program

At Least 3 County-Sponsored Activities Worth 25 Points Each:

Water Drinking Activity

Immunization Clinic

1-2 In-Person Classes (Topic To Be Determined)

The personal wellness day is the equivalent of what is given as personal leave hours each year and will be credited to any employees reaching 200 points or more.



Please sign up for the program by contacting Taylor Roll at the Engineer's Office.

troll@hardincountyia.gov or (641) 858-5058



HARDIN COUNTY

Courthouse

HARDIN COUNTY COURTHOUSE
1215 EDGINGTON AVE.
ELDORA, IA 50627

HARDIN COUNTY Employee Change of Status Report

Please enter the following change(s) as of 06/30/2022
Date

Name: Terry Clemons
Address: 101 Perry Street
Union IA 50258
City State Zip Code

Department: Secondary Roads
Position: Motor Grader Foreman
Salary/Hourly Rate: \$23.18/hr

Fund: _____

Status: Full-time Permanent Part-time Temporary/Seasonal Part-time

Reason of Change:

- Hired
- Promotion
- Demotion
- Pay Increase
- Leave of Absence _____
Dates
- Resignation
- Retirement
- Layoff
- Discharge

Other: _____

Dates of Employment: 07/24/1995 to 06/30/2022 Last Day of Work 06/30/2022
From To (if applicable)

Beyond the last day of work, the following vacation time was (or will be paid): _____ to _____
From To

Authorized by: _____ Date
Elected Official or Department Head

Authorized by: _____ Date
Board of Supervisors



HARDIN COUNTY

Courthouse

HARDIN COUNTY COURTHOUSE
1215 EDGINGTON AVE.
ELDORA, IA 50627

HARDIN COUNTY Employee Change of Status Report

Please enter the following change(s) as of 06/24/2022
Date

Name: Allison Lake
Address: 14032 U Avenue
Ackley IA 50601
City State Zip Code

Department: Secondary Roads
Position: Office Manager
Salary/Hourly Rate: \$18.50/hr

Fund: _____

Status: Full-time Permanent Part-time Temporary/Seasonal Part-time

Reason of Change:

Hired Resignation
 Promotion Retirement
 Demotion Layoff
 Pay Increase Discharge
 Leave of Absence _____
Dates

Other: Raise 50 cents per hour after 6 month probation period

Dates of Employment: 02/21/2022 to 06/24/2022 Last Day of Work 06/24/2022
From To (if applicable)

Beyond the last day of work, the following vacation time was (or will be paid): _____ to _____
From To

Authorized by: _____ Elected Official or Department Head Date _____

Authorized by: _____ Board of Supervisors Date _____



HARDIN COUNTY

Courthouse

HARDIN COUNTY COURTHOUSE
1215 EDGINGTON AVE.
ELDORA, IA 50627

HARDIN COUNTY Employee Change of Status Report

Please enter the following change(s) as of 06/15/2022
Date

Name: Christopher Klein

Department: County Attorney

Address: _____

Position: Assistant County Attorney

Fund: _____

Salary/Hourly Rate: 74,000

Weekly Scheduled Hours: FT

This position is: Exempt Non-Exempt

Status: Full-time Permanent Part-time Temporary/Seasonal Part-time

Reason of Change:

- Hired
- Resignation
- Promotion
- Retirement
- Demotion
- Layoff
- Pay Increase
- Discharge
- Leave of Absence _____
Dates

Other: Last day is 6/15/2022

Dates of Employment: 07/01/2018 From to 06/15/2022 To

Last Day of Work 06/15/2022
(if applicable)

Beyond the last day of work, the following vacation time was (or will be paid): 6-16-22 From to 6-17-22 To

Authorized by: [Signature]
Elected Official or Department Head

6-6-22
Date

Authorized by: _____
Board of Supervisors

Date



HARDIN COUNTY

Courthouse

HARDIN COUNTY COURTHOUSE
1215 EDGINGTON AVE.
ELDORA, IA 50627

HARDIN COUNTY

Employee Change of Status Report

Please enter the following change(s) as of 6/9/2022
Date

Name: Joshua Nelson
Address: 19217 Hwy D20
Alden Ia 50006
City State Zip Code

Department: Sheriff
Position: Sergeant
Salary/Hourly Rate: \$32.28

Fund: _____

Status: Full-time Permanent Part-time Temporary/Seasonal Part-time

Reason of Change:

- Hired
- Resignation
- Promotion
- Retirement
- Demotion
- Layoff
- Pay Increase
- Discharge
- Leave of Absence _____
Dates

Other: Accepted the position of Chief for the Iowa Falls Police Dept.

Dates of Employment: 12/27/2004 to 6/9/2022 Last Day of Work 6/9/2022
From To (if applicable)

Beyond the last day of work, the following vacation time was (or will be paid): _____ to _____
From To

Authorized by: *James D. Holmes* 06-06-2022
Elected Official or Department Head Date

Authorized by: _____
Board of Supervisors Date



HARDIN COUNTY Courthouse

HARDIN COUNTY COURTHOUSE
1215 EDGINGTON AVE.
ELDORA, IA 50627

HARDIN COUNTY Employee Change of Status Report

Please enter the following change(s) as of 6/10/2022
Date

Name: Sophia Lupkes

Department: Sheriff

Address: 704 State St

Position: P/T Dispatcher

Ackley Ia 50601
City State Zip Code

Salary/Hourly Rate: \$18.78

Fund: _____

Status: Full-time Permanent Part-time Temporary/Seasonal Part-time

Reason of Change:

- Hired
- Resignation
- Promotion
- Retirement
- Demotion
- Layoff
- Pay Increase
- Discharge
- Leave of Absence _____
Dates

Other: Will be getting married and moving to Wisconsin.

Dates of Employment: 02/21/2020 to 6/10/2022
From To

Last Day of Work 6/10/2022
(if applicable)

Beyond the last day of work, the following vacation time was (or will be paid): _____ to _____
From To

Authorized by: *James D. Holmes*
Elected Official or Department Head

06-06-2022
Date

Authorized by: _____
Board of Supervisors

Date



HARDIN COUNTY

Courthouse

HARDIN COUNTY COURTHOUSE
1215 EDGINGTON AVE.
ELDORA, IA 50627

HARDIN COUNTY Employee Change of Status Report

Please enter the following change(s) as of 6-06-22
Date

Name: Brennen Reysack
Address: 1220 110th St.
Stratford Iowa 50249
City State Zip Code

Department: Conservation
Position: Conservation Tech
Salary/Hourly Rate: \$17.99/Hr

Fund: 0001-22-6110-000-10004

Status: Full-time Permanent Part-time Temporary/Seasonal Part-time

Reason of Change:

Hired Resignation
 Promotion Retirement
 Demotion Layoff
 Pay Increase Discharge
 Leave of Absence _____
Dates

Other: Brennen has accepted a position with the DNR as a Wildlife Biologist

Dates of Employment: _____ to _____ Last Day of Work 06/13/2022
From To (if applicable)

Beyond the last day of work, the following vacation time was (or will be paid): _____ to _____
From To

Authorized by: Wesley Wise 06/06/2022
Elected Official or Department Head Date

Authorized by: _____
Board of Supervisors Date

County Auditor's Report of Fees Collected

State of IOWA) SS:
County of) Hardin County

To the Board of Supervisors of HARDIN COUNTY:

I, Jolene Pieters, Auditor of the above named County and State, do hereby certify that the following is a true and correct statement of the fees collected by me in my office for the period of 4.1.2022 through 4.30.2022 and the same has been paid to the County Treasurer:

	No. Doc.	Fees collected
4150 Passport fees	7	\$245.00
4150 Photo fees	17	\$255.00
4150 Passport Postage	5	\$38.75
	Total	\$538.75

All of which is respectfully submitted.

Jolene Pieters
Hardin County Auditor

6.1.2022

Date

Chairperson, Board of Supervisors

Date

Recorder's Monthly Report to the Treasurer

05/01/2022 to 06/01/2022

Liability

Account Number	Description	Net
0001-1-07-8000-400000-2	Use Tax-DOR	(\$991.55)
0001-1-07-8000-400000-3	State Sales Tax-DOR	(\$3,157.50)
0001-1-07-8000-400000-4	Local Option Tax-DOR	(\$442.25)
0001-1-07-8000-401000-1	Snowmobile Registration Fees-State	(\$49.50)
0001-1-07-8000-401001	Snowmobile Titles - State	(\$19.50)
0001-1-07-8000-401002	Snowmobile Liens - State	(\$19.50)
0001-1-07-8000-402000	RVVRS Boat Registration Fees - State	(\$4,153.35)
0001-1-07-8000-402001-1	RVVRS Boat Titles - State	(\$15.00)
0001-1-07-8000-402001-2	RVVRS Boat Titles - DOR	(\$50.00)
0001-1-07-8000-402002-1	RVVRS Boat Liens - State	(\$4.50)
0001-1-07-8000-402002-2	RVVRS Boat Liens - DOR	(\$15.00)
0001-1-07-8000-403000-1	Hunting & Fishing Fees-State	(\$396.50)
0001-1-07-8000-404000-2	Real Estate Transfer Tax-State	(\$10,004.85)
0001-1-07-8000-406000-1	Vitals Certified Copies-State	(\$1,089.00)
0001-1-07-8000-407000-1	ATV Registration Fees-State	(\$611.50)
0001-1-07-8000-407000-2	ATV Titles-State	(\$91.00)
0001-1-07-8000-407000-3	ATV Liens-State	(\$13.00)
0001-1-07-8000-413001-1	Marriage License-State	(\$279.00)
Total		(\$21,402.50)

Revenue

Account Number	Description	Net
0001-1-07-8000-400000	Recording of Instruments	(\$6,060.00)
0001-1-07-8000-401000	Snowmobile Writing Fees (\$5.00)-County	(\$30.00)
0001-1-07-8000-402001	RVVRS Boat Titles - County	(\$50.00)
0001-1-07-8000-402002	RVVRS Boat Liens - County	(\$15.00)
0001-1-07-8000-403000	Hunting & Fishing Fees-County	(\$7.75)
0001-1-07-8000-404000	Real Estate Transfer Tax-County	(\$2,085.55)
0001-1-07-8000-406000	Vitals Certified Copies-County	(\$396.00)
0001-1-07-8000-407000	ATV Writing Fees(\$5.00)-County	(\$80.00)
0001-1-07-8000-408000	RVVRS Writing Fees - County	(\$235.00)
0001-1-07-8000-410000	Auditor's Transfer Fees - \$5.00	(\$520.00)
0001-1-07-8000-413001	Marriage License-County	(\$36.00)
0001-1-07-8000-550000	Photocopy/Fax Fees	(\$244.50)
0024-1-07-0000-414000	Document Management Fees	(\$289.00)
5410-1-07-0000-416000	Electronic Transaction Fees	(\$289.00)
Total		(\$10,337.80)
Grand Total		(\$31,740.30)

Recorder's Monthly Report to the Treasurer

05/01/2022 to 06/01/2022

Range Summary

Range	Account	Net
Department of Revenue		
	0001-1-07-8000-400000-4 Local Option Tax-DOR	(\$442.25)
	0001-1-07-8000-400000-3 State Sales Tax-DOR	(\$3,157.50)
	0001-1-07-8000-400000-2 Use Tax-DOR	(\$991.55)
	0001-1-07-8000-402002-2 RVVRS Boat Liens - DOR	(\$15.00)
	0001-1-07-8000-402001-2 RVVRS Boat Titles - DOR	(\$50.00)
	0001-1-07-8000-404000-2 Real Estate Transfer Tax-State	(\$10,004.85)
Department of Revenue		(\$14,661.15)
Hunting and Fishing		
	0001-1-07-8000-403000 Hunting & Fishing Fees-County	(\$7.75)
	0001-1-07-8000-403000-1 Hunting & Fishing Fees-State	(\$396.50)
Hunting and Fishing		(\$404.25)
Marriage Application		
	0001-1-07-8000-413001-1 Marriage License-State	(\$279.00)
	0001-1-07-8000-413001 Marriage License-County	(\$36.00)
Marriage Application		(\$315.00)
RVVRS County		
	0001-1-07-8000-408000 RVVRS Writing Fees - County	(\$235.00)
	0001-1-07-8000-401000 Snowmobile Writing Fees (\$5.00)-County	(\$30.00)
	0001-1-07-8000-402001 RVVRS Boat Titles - County	(\$50.00)
	0001-1-07-8000-407000 ATV Writing Fees(\$5.00)-County	(\$80.00)
	0001-1-07-8000-402002 RVVRS Boat Liens - County	(\$15.00)
RVVRS County		(\$410.00)
RVVRS State		
	0001-1-07-8000-401002 Snowmobile Liens - State	(\$19.50)
	0001-1-07-8000-401001 Snowmobile Titles - State	(\$19.50)
	0001-1-07-8000-402002-1 RVVRS Boat Liens - State	(\$4.50)
	0001-1-07-8000-402000 RVVRS Boat Registration Fees - State	(\$4,153.35)
	0001-1-07-8000-402001-1 RVVRS Boat Titles - State	(\$15.00)
	0001-1-07-8000-407000-2 ATV Titles-State	(\$91.00)
	0001-1-07-8000-407000-1 ATV Registration Fees-State	(\$611.50)
	0001-1-07-8000-401000-1 Snowmobile Registration Fees-State	(\$49.50)
	0001-1-07-8000-407000-3 ATV Liens-State	(\$13.00)
RVVRS State		(\$4,976.85)
Transfer Tax		
	0001-1-07-8000-404000 Real Estate Transfer Tax-County	(\$2,085.55)
	0001-1-07-8000-404000-2 Real Estate Transfer Tax-State	(\$10,004.85)
Transfer Tax		(\$12,090.40)
Vitals Certified Copies		
	0001-1-07-8000-406000-1 Vitals Certified Copies-State	(\$1,089.00)

Recorder's Monthly Report to the Treasurer

05/01/2022 to 06/01/2022

	0001-1-07-8000-406000 Vitals Certified Copies- County	(\$396.00)
Vitals Certified Copies		(\$1,485.00)

HARDIN CO. SHERIFF'S OFFICE

A New Century of Service

David L. McDaniel
1116 14th Avenue
Eldora, Iowa 50627
641-939-8189
1-800-568-4373
Fax 641-939-8249

21-22 Fiscal Year

0001-1-05-1000-440003
0001-1-05-1000-440004
0001-4-05-9100-847000

May Fees

Civil Fees \$ 2,208.75
Civil Mileage \$ 787.85
Prescriptions/MH
\$ 2,996.60

21-22 Fiscal Year

0001-1-05-1000-250100
0001-1-05-1000-250200
0001-1-05-9000-440002
0001-1-05-1000-440006
0001-1-05-1000-441000
0001-1-05-1000-443000
0001-1-05-1000-445000
0001-1-05-1000-550001
0001-1-05-1000-850100
0001-1-05-1000-440007
0001-1-05-1000-589010

May Fees

Contract Law \$ 19,263.65
Care Prisoners/Accomodatio \$ 124,752.86
Driving Records
Purchase Permits
Weapon Permits \$ 620.00
Work Release \$ -
Sex Offender Reg. \$ 50.00
Copy Reports \$ 83.34
CO ENF Surcharge \$ 12.50
Fingerprint fees \$ 50.00
Restitution \$ -
Total: \$ 144,832.35

Funds paid to Treasurer**Total fees** \$ 147,828.95
FY 21/22