

The Board of Supervisors met on 6/23/20 at 6:00 p.m. in the Story County Administration Building. Members present: Linda Murken, Lisa Heddens, and Lauris Olson, with Murken presiding. (all audio of meetings available at storycountyiowa.gov). Murken read the special note to the public: due to recommendations to limit gatherings to no more than ten (10) people in order to help slow the spread of the COVID-19 virus, public access to the meeting will be provided via Zoom meeting originating from the Story County Administration Building.

Murken described how the meeting was advertised, and how the meeting is being presented due to COVID-19. She requested people to mute themselves when not called upon.

ADOPTION OF AGENDA: Heddens moved, Olson seconded adopting the agenda as presented. Motion carried unanimously (MCU) on a roll call vote.

Murken asked for the agenda to be displayed on screen. She provided an overview of how the meeting will proceed using Zoom.

INTRODUCTIONS: Murken asked if Jason Maxwell, owner of Maxwell Farms Inc., was in attendance. No response. Brian Ritland, Pinnacle Group, consultant and contact for the applicant, is in attendance. Olson asked if Maxwell will be joining. Ritland stated he does not know. Murken noted Ethan Anderson, Assistant County Attorney, and Margaret Jaynes, Public Health Director, are in attendance in the Public Meeting Room. Murken went over the schedule of the agenda. Due to the number and length of submitted comments, she will provide a summary later in the meeting. Murken went over how members of the public will participate during the public hearing portion of the meeting. She provided an overview of State law and stated the County makes a recommendation to the Iowa Department of Natural Resources (DNR); DNR determines whether or not to grant approval.

MAXWELL NORTH APPLICATION AND MASTER MATRIX SUMMARY – Margaret Jaynes, Public Health Director, presented an overview of the Master Matrix process and the application for a new concentrated animal feeding operation (CAFO) from Maxwell Farms, Inc. Jaynes noted a typo in her presentation. Due to COVID-19, an additional 30 days were given to the County's review process. The County has two options for its recommendation: approval or denial. Jaynes explained the scoring process. The applicant chooses which options to score. 880 points is the maximum score, and 440 points or above is a passing score. DNR will only re-score an application if it fails to meet the 440-point threshold at the County level. Jaynes thanked the Master Matrix team which consists of Planning and Development Director Jerry Moore, Conservation Director Mike Cox, Engineer Darren Moon, Emergency Management Director Keith Morgan, County Assessor Wayne Schwickerath, Assistant County Attorney Ethan Anderson, representative of Planning and Zoning Commission Kathy Mens, and Jaynes. Jaynes provided detail on the Maxwell Farms North application for a CAFO of 4,960 market hogs. She presented a map of the proposed location and provided details on distances to nearby communities. She provided a footprint diagram of proposed buildings, access points and truck turnaround. Jaynes provided additional detail about the Master Matrix process. She noted another CAFO in the vicinity. She provided detail on the scoring process. Jaynes spoke about proximity to public use areas. She provided additional information about how distance to public use areas are scored. Olson noted she will be challenging this particular point in the scoring. Jaynes talked about how the team scored this issue and reviewed the points. Indian Creek is the nearest major water source. She went over the points for manure, composting of dead animals, construction materials, transportation, background check, taxes (100% owner-operator), size, and wet-dry feeders (water above food). She provided detail on the manure management, and noted the applicant owns or rents all land receiving manure. The Board asked if DNR verifies this statement. No. The proposed CAFO will annually generate 1,267,280 gallons of manure. There is overlap in the application sites for both Maxwell North (proposed) and Maxwell West (in operation). Indian Creek is currently an impaired body of water. Jaynes presented a map of application locations in relation to the creek. She provided more information about impaired bodies of water. It is not possible to make a direct correlation between CAFOs and impaired waterways. She noted outdated aerial photographs were used in the application so additional buildings are nearby. The final score for the application was 445 points. The Master Matrix team agrees with the score. A passing score is 440 so Maxwell North has a passing score. Olson began with a question about passing. The team scored the application but the Board makes the decision if the applicant passes. Olson asked about Robison Wildlife Acres, the public use area mentioned. She asked how it was measured. Jaynes said GIS was used to measure distance. Contention is where do you measure to? To the boundary or to the campground? According to the Master Matrix, the boundary is the nearest area of congregation, not the property boundary. Olson talked about a comment she received from Deb Carnine, Ames, representing a group of approximately 60 local backpackers/hikers. The group uses the entire area of Robison Wildlife Area, not just the designated trails, for both cross-country skiing and hiking. Olson challenges the points awarded for the public use area; she thinks points should be downgraded to 10 from 20, based on scoring methods. Heddens asked for more information about the applicant owning or renting all land on which manure will be applied. Jaynes clarified this means no written agreements are necessary to apply the manure. The facility itself qualifies for the state Family Farm tax credit. The Board asked about qualification for Family Farm credit. Anderson answered. Ritland clarified why measurements about distance to public use areas are not from the property line. Olson asked if this has been challenged before. Ritland said yes; he said the Board can talk to DNR for additional information. Jaynes stated it is up to the County about how to interpret the rules. Murken asked if Ritland had additional comments. Jaynes asked Ritland if wastewater is anticipated. Ritland said no, not at this time. Olson said she was hoping to talk to Jason Maxwell who is not in attendance.

WRITTEN COMMENTS AND TELEPHONE MESSAGES RECEIVED BY STORY COUNTY – Murken acknowledged all the people who submitted comments. The Board has reviewed the comments and they will be part of the submission. Murken summarized the names, addresses, and position on the CAFO application as follows: Jane Heintz, Nevada, against; Carol Hart, Maxwell, against; Dan Jorgenson, Maxwell, against; Terri Mickelson, Ames, against; Cornelia Flora, Ames, against; Collen Ryan, Franklin Township, against; Soonee Sill, Ames, against; Barb Rogers, Ames, against; Linda Johnson, Ames, against; Paula Weidner, Ames, against; Carol Lipard, Ames, against; Mary Richards, Ames, against; Sue Ravenscroft, Ames, against; Candy Frahm, Indian Creek Township, against; Ashley Moffitt, Indian Creek Township, against; Dustin Moffitt, Indian Creek Township, against; Judith Lemish, Ames, against; Rod Bienfang, Indian Creek Township, against; Wendie Schneider, Nevada Township, against; Thomas and Cindy Stark, Ames, against; Megan Hassel, Indian Creek Township, against; Kayla Landhuis, Nevada, against; Nealy Mortvedt, Nevada, against; Kaycee Cole, Marshalltown (Marshall County), against; Jeena Hall, Nevada, for; Amy

Turner, Ames, against; Emily Schaack, Nevada Township, against; Suzanne Zilber, Ames, against; Josephine O'Donnell, Ames, against; Sandy Andrews, Ames, against; Brian Leonard, Indian Creek Township, against; Alexander Alexe, Ames, against; Michelle Kelso, Ames, against; Rachel Meyers, Ames, against; Lynne Carey, Nevada, against; Laura Hastings, Indian Creek Township, against; Cole Hastings, Indian Creek Township, against; Virgil and Diane Larson, Indian Creek Township, against; Janet Meade, Maxwell, against; Olena Watanabe, Ames, against; Zach Clemens, Ames, against; Jill Leonard, Indian Creek Township, against; Michelle Ward, Story City, against; Mary Jo Wilson, Indian Creek Township, against; Michael Frederick, Indian Creek Township, against; Chris Vry, Scott Township (Hamilton County), for; Elizabeth Rodgers, Nevada Township, against; Mark Harris, Milford Township, against; Baylie Bowers-Whaley, Maxwell, against; Chris King, Ames, against; Steve Maxwell, Indian Creek Township, against; Beverly Carstensen, Ames, against; Bill Napier, Indian Creek Township, against; Rachel Seale, Des Moines (Polk County), against; Susannah Crichton, Clive (Polk County), against; Philip Vater, Ames, against; Jeff Skinner, Indian Creek Township, against; Eleni Vaskova, Indian Creek Township, against; Chris King, Ames, against; Brooke Huffaker, Nevada, against; Melissa Ghormley, Maxwell, against; Paul and Marsha Readhead, Ames, against; Brenda Brink, Palestine Township, and Kim Stephens, Nevada Township, representing Iowa Citizens for Community Improvement (Iowa CCI), against; Jim and Sherry Skinner, Indian Creek Township, against; Deb Carnine, Ames, representing the Story County Backpacking and Hiking Group, against; Susan Petra, Ames, against; Terry Lowman, Ames, against; Village Smith agricultural partnership, Richard Parker, Ryan Carstensen, Kristin Beaver, and Heidi Carstensen, Nevada Township, against; Lisa Kuehl, Ames, against.

PUBLIC COMMENT PERIOD (PLEASE RAISE HAND, AND WHEN CALLED ON, STATE YOUR NAME AND ADDRESS. LIMIT COMMENTS TO TWO MINUTES) – Murken opened the public hearing at 6:52 p.m.

Jean Bienfang, Indian Creek Township, expressed concerns about the CAFO limiting the use of the Robison Wildlife Area. Murken asked Jaynes to respond. Bienfang asked what happens wells are contaminated by the CAFO as her property backs up to Indian Creek. Jaynes stated it is very difficult to prove what contaminated a well. Bienfang stated her opposition. Brenda Brink, Palestine Township, spoke about the discretion available to the County. All of Robison Wildlife Area is publicly used. She stated her opposition. Lynne Carey, Nevada, against. Michelle Kelso, Ames, is opposed and noted the applicant didn't even bother to show up. Kelso asked if manure spreads beyond the application area. Jaynes said when done properly, the process works very well. Rain can complicate injection, and snow and frozen ground can contribute to runoff. Kimberly Stephens, Nevada Township, thanked Board for holding the hearing. She asked about number of attendees. Murken said there are 62 attendees and 8 panelists. Stephens spoke against CAFOs, and referenced the Board's previous moratorium vote. Susan Petra, Ames, thanked the Board for holding the hearing. She stated the Master Matrix is a weak process; she has many concerns. Latifah Faisal, Ames, stated concerns. Major changes are needed to the review and approval process. Murken paused the meeting at 7:06 to allow for a technical fix. Faisal and Stephens repeated their comments for Olson who was disconnected from the meeting. TJ Coughenour, Indian Creek Township, spoke in favor of the installation. Bill Napier, Indian Creek Township, lives within half a mile of the proposed CAFO; he is opposed. All of the Robison Wildlife Area is used, not just the marked trails and campground. Mark Harris, Milford Township, spoke about Indian Creek watershed and existing CAFOs. He is concerned about clean water and future pandemics. Cornelia Flora, Ames, shared several concerns and stated her opposition. Mike Wolf, Indian Creek Township, asked about increased traffic on the gravel roads, and noted a new grain facility has already greatly increased traffic. At some point, road will need to be paved. Olson stated the road is not on five-year secondary roads plan. Gina Folsom, Cambridge, is opposed. Melissa Ghormley, Maxwell, has a young family; she is concerned the new CAFO could hurt the town. Darren Moon, Engineer, reiterated Olson's comments about the adjacent gravel road; no plans for paving in the foreseeable future. Janet Meade, Maxwell, has heard nothing reassuring this evening. CAFOs are only for profit and add nothing to the community. She stated her opposition. She asked if DNR accepts public comments. Olson stated that is the purpose of this public hearing. Barbara Parker, Nevada Township, spoke about the 2009 CAFO; she lives four miles away. She is against the additional CAFO. She asked for clarification about impaired waterways. Jaynes responded. Selden Spencer, Huxley, asked if there is any state oversight of DNR. Murken stated the County can appeal. Spencer asked if the Legislature has any oversight. Jaynes said not presently. Olson stated the Legislature can change the rules.

Hearing no further comments, Murken closed the public hearing at 7:37 p.m.

Murken asked the Board if anyone had questions for legal counsel. Murken recessed the Board for a short break at 7:38 p.m. Murken reconvened the meeting at 7:44 p.m.

THE BOARD'S RECOMMENDATION TO THE IOWA DEPARTMENT OF NATURAL RESOURCES (DNR) TO APPROVE OR DISAPPROVE OF THE PERMIT APPLICATION – Murken asked the Board for action. Olson

thanked all participants for their comments. She spoke about the County previously passing Resolution #19-64, petitioning the Governor and the Legislature for a statewide moratorium on CAFOs. She stated none of her comments are a reflection on the Maxwell family. She stated her concerns about CAFOs and pandemics. CAFO depopulation methods are deeply disturbing; these happen when the market for hogs is disrupted as during a pandemic. Olson stated she cannot in good conscience support a CAFO in these troubling times. Heddens thanked all participants. Health implications are her greatest concern. Public comments were overwhelmingly against the CAFO. Heddens does not want to exacerbate any health risks, particularly in the midst of the COVID-19 pandemic. Murken spoke about depopulating CAFOs necessitated by a swine pandemic. Emergency Management recently led an exercise due to concerns about African swine flu. Murken agrees with the comments from both Olson and Heddens. Murken read from the *Code of Iowa* about actions the Board's may take. The application received a passing score. Public comments were overwhelmingly against another CAFO, especially in this location. Murken supports a statewide moratorium. Olson moved the Story County Board of Supervisors recommend the disapproval of the construction permit application, submitted by Maxwell Farms, Inc., for a concentrated animal feeding operation for 4,960 finished hogs, to the Iowa Department of Natural Resources. The Board of Supervisors acknowledges that staff scored the application with a satisfactory rating produced by the Master Matrix. This recommendation for disapproval is based on the overwhelming majority of written and spoken comments received by Story County that do not support the proposed CAFO because of its potential negative impacts to water and air quality, property values, personal enjoyment of one's property, and the Maxwell community's ability to attract new residents. In addition, Story County received comments on the proposed

CAFO's undesirable proximity to a public park, proximity to Indian Creek, the increase in flies, the increase in noise pollution from the operation itself and truck traffic, and inhumane animal treatment, especially in the event that another round of COVID-19 infection spikes among packing plant workers would again result in hogs being depopulated via suffocation, excessive body temperature as a result of shutting down a ventilation system and sometimes additional steam. Lastly, the land application of manure on fields in the Indian Creek watershed exacerbates the poor water quality conditions of the creek, currently listed on the Iowa Department of Natural Resources impaired list. Story County will not be able to meet any recommended total maximum daily loading rates (TMDLs) for improving the water quality of Indian Creek with the addition of the Maxwell Farms CAFO. Second by Heddens. Roll call vote. (MCU) Murken asked Jaynes if additional action is necessary. Jaynes will forward all info to DNR tomorrow. Heddens moved, Olson seconded to adjourn at 8:03 p.m. Roll call vote. (MCU) Murken thanked all attendees and participants.

Story County
Board of Supervisors Special Meeting
6/23/20 Tentative Agenda
Confined Animal Feeding Operation
Via "Zoom" Meeting
6:00 P.M.

1. Originating From Administration Building, Story County Public Access Provided Via "Zoom" Meeting

SPECIAL NOTE TO THE PUBLIC: Due to recommendations to limit gatherings to no more than ten (10) people in order to help slow the spread of the COVID-19 virus, public access to the meeting will be provided via Zoom. Members of the public can participate by using the information below:

2. CALL TO ORDER: 6:00 P.M.
3. STATEMENT EXPLAINING WHY A MEETING IN PERSON IS IMPOSSIBLE OR IMPRACTICAL, PER CODE SECTION 21.8.1
4. ADOPTION OF AGENDA:
5. INTRODUCTIONS

Jason Maxwell, owner of Maxwell Farms Inc.
Brian Ritland, Pinnacle Group, consultant and contact for project

Department Submitting Board

6. Maxwell North Application And Master Matrix Summary - Margaret Jaynes

Department Submitting BOS

Documents:

MAXWELL NORTH CAFO PRESENTATION 6 23 20.PDF

7. PUBLIC HEARING ITEMS:

- I. WRITTEN COMMENTS RECEIVED BY STORY COUNTY – Linda Murken

Department Submitting BOS

- II. PUBLIC COMMENT PERIOD (PLEASE RAISE HAND, AND WHEN CALLED ON, STATE YOUR NAME AND ADDRESS. LIMIT COMMENTS TO TWO MINUTES)

Department Submitting BOS

8. Discussion And Consideration Of The Board's Recommendation To The Iowa Department Of Natural Resources (DNR) To Approve Or Disapprove Of The Permit Application

Department Submitting BOS

9. ADJOURNMENT:

10. Instructions For Participation In Meeting Discussions

Join Zoom Meeting

Please click the link below to join the webinar:

[HTTPS://ZOOM.US/J/97824484840?](https://zoom.us/j/97824484840?)

[PWD=RTY1RFNDAY83T3LXVXLLZELXAVBLDZ09](https://zoom.us/j/97824484840?pwd=RTY1RFNDAY83T3LXVXLLZELXAVBLDZ09)

Password: 691594

Or iPhone one-tap :

US: +19292056099,,97824484840#,,,,0#,,691594# or

+13017158592,,97824484840#,,,,0#,,691594#

Or Telephone:

Dial(for higher quality, dial a number based on your current location):

US: +1 929 205 6099 or +1 301 715 8592 or +1 312 626 6799 or +1 669 900 6833 or +1 253 215 8782 or +1 346 248 7799

Webinar ID: 978 2448 4840

Password: 691594

International numbers available: [HTTPS://ZOOM.US/U/AEXOKCRBNU](https://zoom.us/j/97824484840?pwd=RTY1RFNDAY83T3LXVXLLZELXAVBLDZ09)

****We ask that you mute your phone if possible. To request to speak when allowed on the agenda, participants must click "Raise Hand" if connected by smartphone or computer, or press *9 if connected by telephone. All participants will be muted by the meeting host when not actually speaking. For additional information regarding How to Participate in Meeting Discussions, please visit Story County's website at: <https://www.storycountyiowa.gov/92/Board-of-Supervisors>**

Audio recordings of all Board meetings will be posted on our website www.storycountyiowa.gov shortly after the meeting is concluded. You may access these recordings at any time by clicking on the Meetings and Agendas button on the home page.

How to Participate in Meeting Discussions

If you would like to watch a meeting as it happens and participate in the discussion, you can do so via Zoom (www.zoom.us). Zoom is a videoconferencing platform that works across different internet-enabled devices and standard telephones. Meetings that are being held via Zoom will have information at the top of the agenda regarding how to find the meeting in Zoom. Each meeting is assigned a meeting ID (sometimes called a "webinar ID") that you will need to use to access the meeting.

Zoom video conferencing – You can access the meeting by either clicking the link in the agenda, or by opening the Zoom application and entering the meeting ID number found on the agenda.

- Meeting participants will be able to watch and hear the meeting as it takes place. For portions of the meeting where public input is accepted, participants interested in speaking can press the button called "Raise Hand." This will notify the staff that you wish to speak. When it is your turn, staff will announce your name and notify you it is your turn to speak.
- You will need to press the "unmute" button and provide your comments. Once you are complete, you will be muted again by the staff.

Zoom phone conferencing – As an alternative to video conferencing, participants may call in to a phone conference using their touch-tone phone. Call-in telephone numbers are provided at the top of each meeting agenda (you can select from any of the phone numbers.) Unless otherwise indicated, the number is a long-distance phone number; charges may apply depending on your telephone provider. Once you have dialed the telephone number provided, you will be prompted to enter the Meeting ID number (found

on the agenda).

- During the meeting, you will be able to hear the discussion live, but will not be able to see any content (e.g., maps, text, or other visual materials) that may be displayed for video conference users. For portions of the meeting where public input is accepted, participants interested in speaking can press *9 on their phone." This will notify the staff that you wish to speak. When it is your turn, staff will announce the last four digits of your phone number and notify you it is your turn to speak. You will hear an automated announcement that your line has been unmuted, then you can begin your comments. Once you are complete, you will be muted again by the staff.
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Story County strives to ensure that its programs and activities do not discriminate on the basis of race, color, national origin, sex, age or disability. Persons requiring assistance, auxiliary aids or services, or accommodation because of a disability may contact the county's ADA coordinator at (515) 382-7204.



**STORY COUNTY
BOARD OF SUPERVISORS**

**LINDA MURKEN
LISA K. HEDDENS
LAURIS OLSON**

Story County Administration
900 Sixth Street
Nevada Iowa 50201
515-382-7200
515-382-7206 (fax)

Story County Master Matrix Scoring & Recommendation

The Story County Board of Supervisors have reviewed the Master Matrix and Construction Permit Application for Maxwell North. Public Notice was published on 6/18/2020 and the proof of publication is attached.

Matrix as scored by Story County = 445 points. Passing / Failing (Circle One)

If the County scored matrix is different than submitted then the County scored matrix is attached with justifications.

Supplemental letters or documentation is being sent to the DNR

Upon review and inspection of construction site and documents provided, we the Story County Board of Supervisors, recommend the permit application be Approved / Disapproved (Circle One)

Comments or Reason for Disapproval:

The Story County Board of Supervisors recommends the disapproval of the construction permit application, submitted by Maxwell Farms, Inc., for a concentrated animal feeding operation for 4,960 finished hogs, to the Iowa Department of Natural Resources. The Board of Supervisors acknowledges that the application was scored by staff as a satisfactory rating produced by the master matrix. This recommendation for disapproval is based on the overwhelming majority of written and spoken comments received by Story County that do not support the proposed CAFO because of its potential negative impacts to water and air quality, public health, property values, personal enjoyment of one's property, and the Maxwell community's ability to attract new residents. In addition, Story County received comments on the proposed CAFO's undesirable proximity to the Story County Robison Wildlife Acres, proximity to Indian Creek, the increase in flies, the increase in noise pollution from the operation itself and truck traffic, increase in zoonotic related pathogens, increase in hog pathogens, and inhumane animal treatment. Increasing animal production during the COVID pandemic, stressing the meat production industry even more, could lead to depopulation of the animal feeding facilities by inhumane means (shutting down the building ventilation). Lastly, the land application of manure on fields in the Indian Creek watershed exacerbate the poor water quality conditions of the creek, currently listed on DNR's and EPA's *Impaired Water Body List* for E coli contamination. This water body is identified as impaired and a total maximum daily loading rates (TMDLs) needed. Story County will not be able to meet any DNR or EPA recommended/required TMDL for West Indian Creek, if another CAFO is added to this watershed.

Signed:

Dated:

6/23/2020

Linda Murken, Story County Board of Supervisors Chair

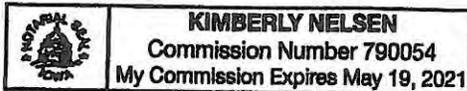
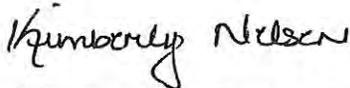
Proof Of Publication In
THE AMES TRIBUNE

STATE OF IOWA, STORY COUNTY, ss.

I, Kim Fowler, on oath depose and say that I am Director of Sales of **THE AMES TRIBUNE**, a daily newspaper, published at Ames, Story County, Iowa; that the annexed printed

STORY COUNTY ENVIRONMENTAL HEALTH
Public Notice

was published in said newspaper
1 time(s) on June 18, 2020
the last of said publication
was on the 18th day of June, 2020



Notary Public
sworn to before me and subscribed in my
presence by Kim Fowler, Director of Sales
on this the 18th day of June, 2020

COST: \$17.48
AD #: 1345740
ACCT: 34633

#1345740
PUBLIC NOTICE
The Story County Board of Supervisors will hold a public hearing for Maxwell Farm's proposed Animal Confinement Feeding Operation (CAFO) at 6:00 PM on June 23, 2020, originating in the Public Meeting Room of the Story County Administration Building, Nevada, Iowa. Public access to the meeting will be provided via electronic means only. Information on how to join the Zoom meeting, to submit a comment card, or to view the application can be found at www.storycountyiaowa.gov/AFO or by calling 515-382-7240. Email/mail written comments to Story County Environmental Health, 900 6th Street, Nevada IA 50201 or HealthWeb@storycountyiaowa.gov. All written comments shall be received no later than June 22, 2020 @ 8:00 am. The proposed CAFO is to be built in Section 17, Indian Creek Township with two 8' deep manure pits, covered by two barns, housing 4,960 finished hogs (1,984 animal unit capacity).

Published in the Ames Tribune, Nevada Journal and Tri-County Times on June 18, 2020 (1T)

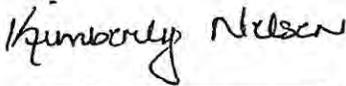
Proof Of Publication In
NEVADA JOURNAL

STATE OF IOWA, STORY COUNTY, ss.

I, Kim Fowler, on oath depose
and say that I am Director of Sales of the
NEVADA JOURNAL, a weekly newspaper,
published at Ames, Story County, Iowa; that the
annexed printed

STORY COUNTY ENVIRONMENTAL HEALTH
Public Notice

was published in said newspaper
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with the last of said publication on
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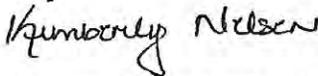
Proof Of Publication In
TRI-COUNTY TIMES

STATE OF IOWA, STORY COUNTY, ss.

I, Kim Fowler, on oath depose
and say that I am the Director of Sales
of the **TRI-COUNTY TIMES**, a weekly newspaper,
published at Ames, Story County, Iowa;
that the annexed printed

STORY COUNTY ENVIRONMENTAL HEALTH
Public Notice

was published in said newspaper
1 time(s) on June 18, 2020
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APPROVED

DENIED

Board Member Initials:

Meeting Date:

Follow-up action:

JM
6-23-2020

Story County
Master Matrix Review
June 23, 2020



Facility name: Maxwell North

Applicant: Maxwell Farms, LLC

Jason Maxwell

Contact person: Brian Ritland of Pinnacle

641-648-7300

DENIED

APPROVED

Board Member Initials

Meeting Order

Follow-up action

CONSTRUCTION EVALUATION RESOLUTION



Every January, Story County adopts a construction evaluation resolution relating to confinement feeding operation structures, allowing Story County to review the application using the Mater Matrix.

THE PERMIT CAN ONLY BE APPROVED OR
DENIED BY THE DEPARTMENT OF
NATURAL RESOURCES



Using the information from the application, and comments received from the public, the Board of Supervisors recommends to the Department of Natural Resources approval or denial of the permit. DNR has the final decision.

MASTER MATRIX SCORING



There are 44 options on the Master Matrix for the applicant to choose from to earn points toward a passing grade. Only those options that were chosen by the applicant can be reviewed by the county. The chosen options then become part of the permit requirements if the permit is granted.

Master Matrix Team



- ⌘ Environmental Health - committee chair
- ⌘ Planning & Development
- ⌘ Conservation
- ⌘ Engineering
- ⌘ Emergency Management
- ⌘ Assessor
- ⌘ Planning & Zoning Commission
- ⌘ Attorney

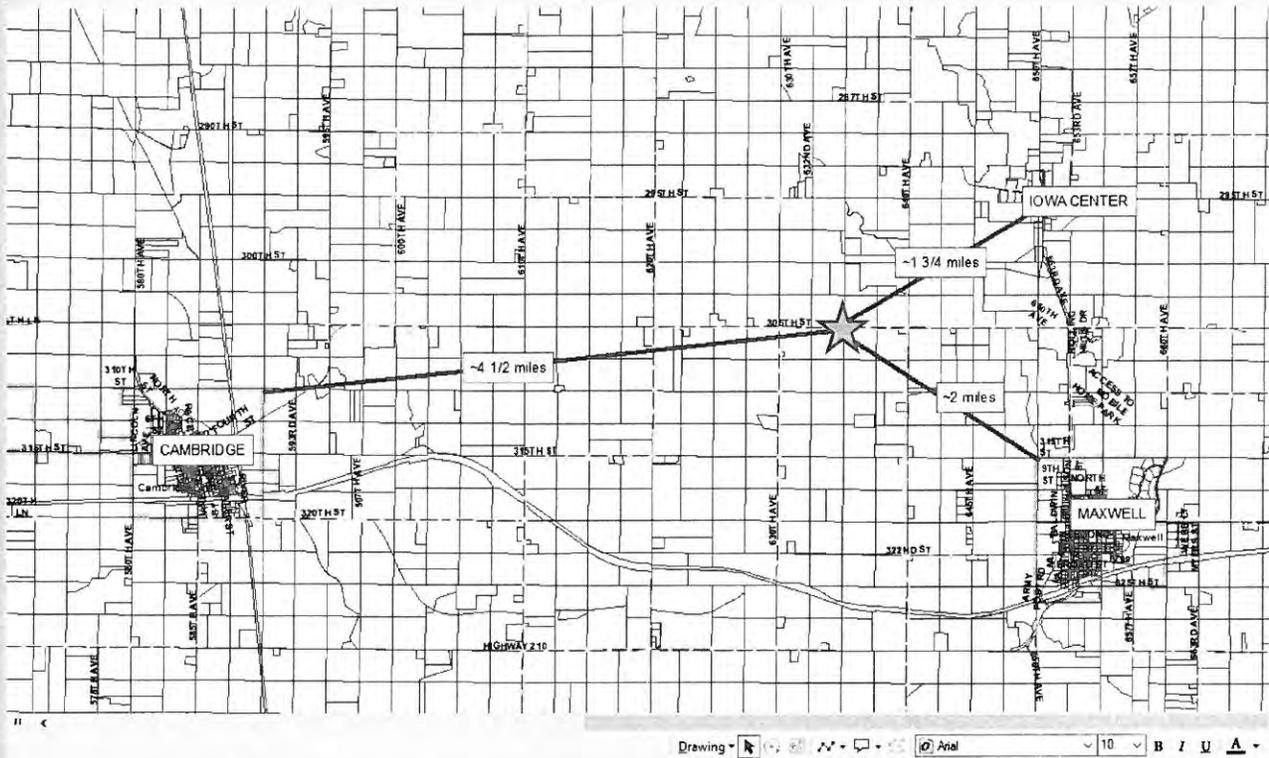
Maxwell North



Proposed operation: 4,960 market hogs

$4,960 \times 0.4 \text{ factor} = 1,984 \text{ Animal Unit Capacity (AUC)}$

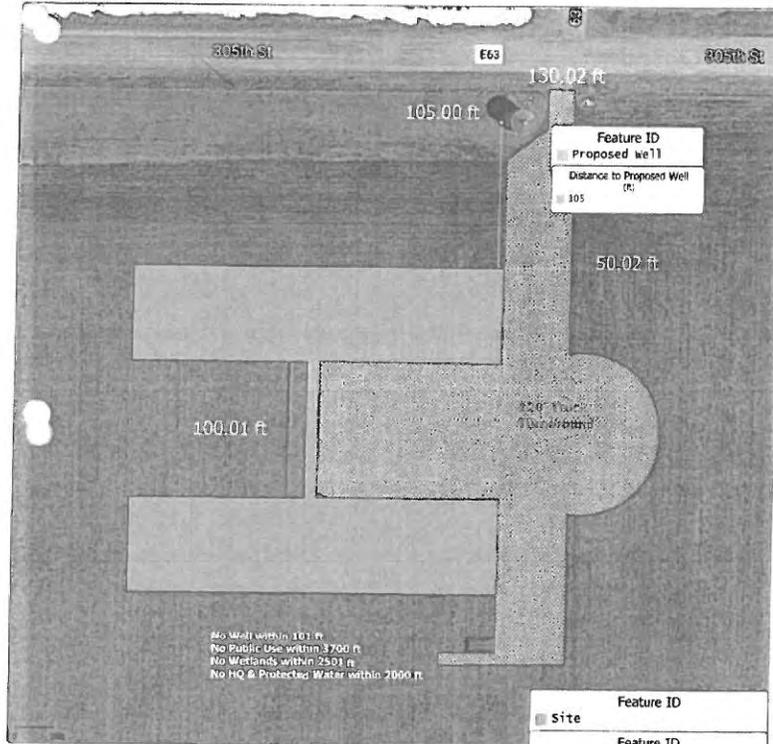
Master Matrix required at 1,000 AUC



NE 1/4 SW 1/4 Section 17 Indian Creek Township
 (south side of 305th Street, between 630th & 640th Avenues)

Maxwell North

Site Placement



No Well within 100 ft
 No Public Use within 3700 ft
 No Wetlands within 250 ft
 No HQ @ Protected Water within 2000 ft

Date: Mar 23, 2020
 Maxwell North
 Story County, Iowa
 Section 17, T82N, R27W

Grower : Maxwell North
 Farm : Site
 Field : Site Placement



■ Site	Feature ID
■ Drive	Feature ID
■ Composter	Feature ID
■ 130	Distance to ROW (ft)
■ 100	Distance Between Barns (ft)

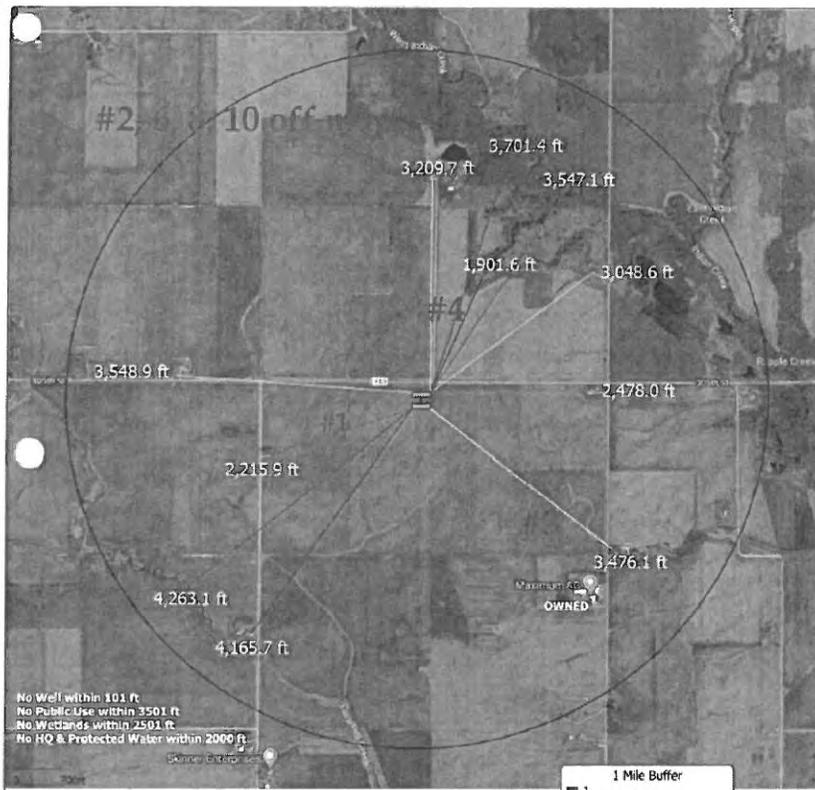
Master Matrix Questions 1-25
cover proposed
site characteristics



SITE CHARACTERISTIC	TOTAL	AIR	WATER	COMMUNITY	COUNTY SCORE
1 Residences	25	16.25		8.75	✓
2 Public use	20	8	0	12	✓
3 School, church, business	30	12	0	18	✓
4 Lake, stream, pond	25	0	25	0	✓
6 Critical public area	10	4	0	6	✓
8 Major water, sink hole	50	5	25	20	✓
10 High quality waters	30	0	22.5	7.5	✓

Maxwell North

Site Placement



No Well within 101 ft
 No Public Use within 3501 ft
 No Wetlands within 2501 ft
 No HQ & Protected Water within 2000 ft

Date: Mar 23, 2020
 N: North
 S: South
 E: East
 W: West
 Section: 17, T82N, R22W
 Grower: Maxwell North
 Farm: Site
 Field: Site Placement



Distance to Major Water (ft)	Distance to Residence (ft)
3547	4165
	3048
	3476
	2472
	3209
	3548
	2215
Distance to Water (ft)	
1901	
4263	
Feature ID	Distance to Ranch Complex (ft)
Site	3781

SITE CHARACTERISTIC	TOTAL	AIR	WATER	COMMUNITY	COUNTY SCORE
12 Liquid manure covered	30	27	0	3	✓
16 Stockpile & compost	30	9	18	3	✓
17 Formed manure structure	30	0	27	3	✓
19 Truck turnaround	20	0	0	20	✓
20 Admin orders	30	0	0	30	✓
23 Family farm tax	25	0	0	25	✓
24 Facility size	20	0	0	20	✓
25 Wet dry feeders	25	0	12.5	12.5	✓

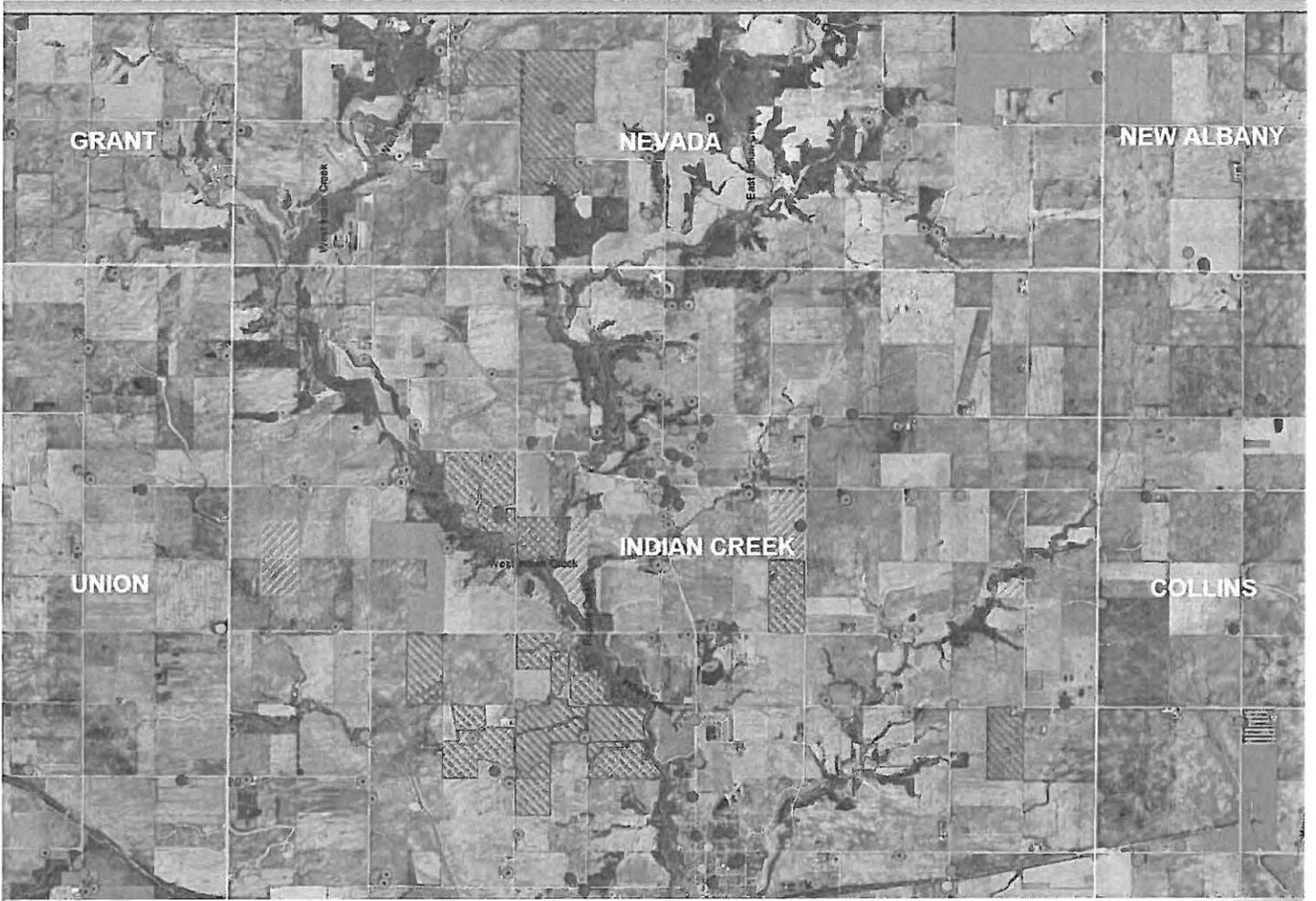
Questions 26-44 cover proposed
operation and manure management



MMP information



- ☞ Maxwell Farms owns or rents all land receiving manure from this CAFO according to DNR
- ☞ Annual manure production is 1,267,280 gallons
- ☞ Several application sites are listed on both Maxwell North and Maxwell West (OK according to DNR)
- ☞ Lots of land application sites near streams, but still legal
- ☞ Wells and intakes are within or near land application sites, but still legal
- ☞ Most sites located in the West Indian Creek watershed, which is identified by DNR as impaired because of E coli bacteria



Green - Max north Blue - Max west Orange - other

85822216P3200



Owner : Maxwell Farms

Use : Fields

Parcel ID : 85822216P3200

Latitude : 41.91034068

Longitude : -93.42498194



Feature ID
Total Acres (40.71 ac)

MANURE MANAGEMENT CHARACTERISTIC	TOTAL	AIR	WATER	COMMUNITY	COUNTY SCORE
26 Inject/incorporate manure	30	12	12	6	✓
35 Distance to HQ waters	10		7.5	2.5	✓
41 Closure plan	5		2.5	2.5	✓

Final score



	total	air	water	community
Maxwell North	445	93.5	152	199.75
County	445	93.5	152	199.75
Passing score	440	53.38	67.75	101.13

**Thank you for your interest in
Story County's master matrix
review process.**



The BOS shall include with the adopted recommendation, a copy of the master matrix analysis. The board's adopted recommendation submitted to DNR may be based on the master matrix and/or on comments received by the board.

The adopted recommendation shall include the specific reasons and any supporting documentation for the decision to recommend approval or disapproval of the application.