

Goodhue County Planning Commission Government Center - Board Room 509 West 5th St, Red Wing MN 55066

Planning Advisory Commission

Virtual Meeting Notice:

**Virtual Meeting Notice:** The Goodhue County Planning Advisory Commission will be conducting a meeting on June 15, 2020 at 6:00 p.m. Due to concerns surrounding the spread of COVID-19, the meeting and all public hearings will be conducted by telephone or other electronic means.

The public may monitor the meeting from a remote site by logging into HTTPS://GLOBAL.GOTOMEETING.COM/JOIN/240994293 or calling 1 866 899 4679 beginning at 5:50 PM or any time during the meeting. Access Code: 240-994-293

#### Public Comments:

Interested persons must submit comments by phone, in writing, or via email by noon on Monday, June 15, 2020. To submit your comments please email them to samantha.pierret@co.goodhue.mn.us or mail them to the Land Use Management Department at 509 West 5<sup>th</sup> Street, Red Wing, MN 55066. Comments received by this deadline will be read into the record during the public hearing for that item, including name and address.

Staff reports can be viewed online 5-days prior to the meeting. Agenda items may be subject to change. Please contact Land Use Management at (651)385-3104, or visit us on the web at WWW.CO.GOODHUE.MN.US for more information.

6:00 PM Call Meeting To Order

Approval Of Current Agenda

Approval Of Previous Month's Meeting Minutes

1. May 18, 2020 DRAFT Meeting Minutes

Documents:

#### MINUTES\_MAY2020\_PAC\_DRAFT.PDF

Conflict/Disclosure Of Interests

Public Hearings:

1. PUBLIC HEARING: CUP Request For Feedlot Expansion (Dicke)

Request for CUP, submitted by Dale Dicke (owner/operator), for expansion of an existing Feedlot above 500 Animal Units and construction of an animal waste storage pit exceeding 500,000 gallons. Parcel 33.004.1400. 20699 County 52 BLVD, Goodhue, MN 55027. The SE ¼ of Section 4 TWP 111 Range 15 in Goodhue Township. A-1 Zoned District.

Documents:

#### PACPACKET\_DICKE\_REDACTED.PDF

2. PUBLIC HEARING: CUP Request For Commercial/Industrial Use Primarily Intended To Serve The Ag. Community

Request for CUP, submitted by Carl Fox (Applicant) and Aaron Witmer (Owner), to operate a milker equipment parts and equipment storage, repair and sales business in the A-3, Urban Fringe District. Parcel 47.030.1600. TBD HWY 58 BLVD, Zumbrota, MN 55992. Part of the E ½ of the NW ¼ of Section 30 TWP 110 Range 15 in Zumbrota Township.

Documents:

#### PACPACKET\_FOX\_REDACTED.PDF

 TABLED: Text Amendments To Articles 10 (Definitions), 11 (Performance Standards), 20 (Table Of Uses), 25 (B1 Zoning District), 27 (B2 Zoning District), And 28 (Industrial Zoning District) Consider proposed text amendments to Goodhue County Zoning Ordinance to allow "Exterior Storage Yards" as a permitted use in the B-1 (General Business District), B-2 (Highway Business), and Industrial Districts and to consider the use in the A-1 (Agriculture Protection), A-2 (General Agriculture), and A-3 (Urban Fringe) Districts.

Documents:

#### PACPACKET\_EXTERIORSTORAGEYARDS.PDF

Other-Discussion

Adjourn

Anyone interested is invited to attend. Agenda items may be subject to change.

# Goodhue County Land Use Management

Goodhue County Government Center 

 509 West Fifth Street 
 Red Wing 
 Minnesota 
 55066 

 Building 

 Planning 

 Zoning 

 Telephone: 651/385-3104 

The meeting of the Goodhue County Planning Advisory Commission was called to order at 6:06 PM by Chair Tom Gale at the Goodhue County Government Center, Basement IT Conference Room in Red Wing.

#### Roll Call

Commissioners Present virtually via GoToMeeting: Richard (Dick) Nystuen, Tom Gale, Barney Nesseth, Richard Miller (arrived 6:11 PM), Sarah Pettit, Marc Huneke (Arrived at 6:08 PM), Darwin Fox and Tom Drazkowski

Commissioners Absent: Howard Stenerson

Staff Present: Land Use Director Lisa Hanni, Zoning Administrator Ryan Bechel, and Zoning Assistant Samantha Pierret

#### 1. Approval of Agenda

<sup>1</sup>Motion by Commissioner Nesseth; seconded by Commissioner Drazkowski to approve the meeting agenda.

#### Motion carried 6:0.

#### 2. Approval of Minutes

<sup>2</sup>Motion by Commissioner Nesseth; seconded by Commissioner Fox to approve the previous month's meeting minutes.

#### Motion carried 7:0.

#### 3. Conflict/Disclosure of Interest

There were no reported conflicts/disclosures of interest.

#### 4. Public Hearings

## PUBLIC HEARING: "DL BTF Addition" Preliminary/Final Plat Review

Request submitted by Northern States Power Company (Applicant), High-Power Farms LLC (Owner), and Mon Cheval Training Center LLC (Owner) for Preliminary and Final Plat review of the proposed "DL BTF Addition" as part of a multi-party common property line adjustment request. Parcels 28.019.5901, 28.019.6001, 28.019.6300, and 28.019.6900. 31734 and 31924 Willow Trail, Cannon Falls, MN 55009. Part of the W <sup>1</sup>/<sub>2</sub> of the SW <sup>1</sup>/<sub>4</sub> of Sect 19 TWP 112 R17 in Cannon Falls Township. B2 and A3 Zoned District.

Bechel presented the staff report and attachments.

Bonnie O'Malley (Applicant Representative) was present virtually via GoToMeeting and stated that the plat was fairly simple and was being done to clear up boundary disputes between landowners. She noted that the legal descriptions and tax parcels would be cleaned up with this plat which was advantageous to the owners.

## Chair Gale opened the Public Hearing.

No one spoke for or against the request.

<sup>3</sup>After Chair Gale called three times for comments it was moved by Commissioner Miller and seconded by Commissioner Huneke to close the Public Hearing.

#### **Motion carried 8:0**

# <sup>4</sup>It was moved by Chair Gale and seconded by Commissioner Drazkowski for the Planning Advisory Commission to:

- Adopt the staff report into the record;
- Accept the application, testimony, exhibits and other evidence presented into the record; and

Recommend that the County Board of Commissioners **APPROVE** the request submitted by Northern States Power Company (Applicant), High-Power Farms LLC (Owner) and Mon Cheval Training Center LLC (Owner) for Preliminary and Final Plat review of the proposed "DL BTF Addition".

#### Motion carried 8:0.

#### PUBLIC HEARING: Request for Map Amendment (Rezone) – High-Power Farms LLC/Mon Cheval Training Center LLC

Request submitted by Northern States Power Company (Applicant), High-Power Farms LLC (Owner), and Mon Cheval Training Center LLC (Owner) to rezone two "slivers" of property totaling less than 1-acre from A3 (Urban Fringe District) to B2 (Highway Business District) and one "sliver" of property totaling less than 1-acre from B2 to A3 in conjunction with a multi-party common property line adjustment request. Parcels 28.019.5901, 28.019.6001, 28.019.6300, and 28.019.6900. 31734 and 31924 Willow Trail, Cannon Falls, MN 55009. Part of the W ½ of the SW ¼ of Sect 19 TWP 112 R17 in Cannon Falls Township. B2 and A3 Zoned District.

Bechel presented the staff report and attachments.

## Chair Gale opened the Public Hearing

No one spoke for or against the request.

<sup>5</sup>After Chair Gale called three times for comments it was moved by Commissioner Huneke and seconded by Commissioner Nystuen to close the Public Hearing.

#### **Motion carried 8:0**

## <sup>6</sup>It was moved by Chair Gale and seconded by Commissioner Miller to:

- Adopt the staff report into the record;
- Accept the application, testimony, exhibits and other evidence presented into the record; and

Recommend the County Board of Commissioners **APPROVE** the map amendment request submitted by Northern States Power Company (Applicant), High-Power Farms LLC (Owner) and Mon Cheval Training Center LLC (Owner) to rezone two "slivers" of property totaling less than 1-acre from A-3 (Urban Fringe District) to B-2 (Highway Business District) and one "sliver" of property totaling less than 1-acre from B2 to A3 as indicated on the proposed "DL BTF Addition" plat.

Subject to the following condition:

1. The proposed "DL BTF Addition" plat shall be recorded prior to the zoning changes.

## Motion Carried 8:0

#### <u>PUBLIC HEARING: Request for Text Amendments to Articles 10 (Definitions), 11</u> (Performance Standards), 20 (Table of Uses), 22 (A2 Zoning District), 25 (B1 Zoning District), 27 (B2 Zoning District) and 28 (Industrial Zoning District

Request submitted by Kevin Simanski (Applicant), to consider proposed text amendments to Goodhue County Zoning Ordinance to allow "outdoor storage" as a permitted use in the B2 (Highway Business) and A2 (General Agriculture) Districts. Land Use Management staff have prepared a definition and associated performance standards for "Exterior Storage Yards" for the Planning Commission to alternatively consider.

Bechel presented the staff report and attachments.

Hanni noted that the amendments submitted by the Simanskis for consideration must be decided on at this meeting while staff's recommended language may be tabled at this meeting for further consideration.

Commissioner Drazkowski questioned whether the provided Article 11 Section 33 was a new addition to the Ordinance.

Bechel confirmed, stating that Article 11 Section 33 was prepared by staff for the Planning Commission's consideration.

Commissioner Miller noted that the use was not permitted in the A-1 and A-3 zoning districts in the provided packet. He questioned whether this was the direction the Commission wanted to go.

Bechel stated that staff prepared this language for the Commission's consideration. He noted that staff could see benefits to permitting/allowing the use in the agricultural zones however staff could also see challenges of allowing the use in these zones. He added that there are storage uses currently in existence in the agricultural zones. Bechel said that additional performance standards could be added or the use could only be allowed via Conditional/Interim Use Permit if the Commission preferred. Bechel clarified that current uses in the Business and Industrial Districts are just as impactful, if not more so than the proposed storage use which was the reason Exterior Storage Yards were proposed to be permitted in these districts and the Commercial Recreation District.

Commissioner Miller questioned whether the exterior storage if allowed in agricultural districts, would need to be "ag-related storage".

Hanni stated that staff is looking to get away from classifying uses as "ag-related" because that is a vague term that puts staff in a bind when property owners propose specific uses on their land.

Discussion continued regarding other commercial uses in the agricultural districts that are already in existence.

Chair Gale commented on the oversight that would be needed for storage facilities in the agricultural zones, particularly if the business were being conducted far back from the public road. He stated that allowing these uses in zones close to highways would be a better idea.

Discussion continued regarding businesses in the agricultural districts that serve the ag community that are already in existence and whether storage could continue on these sites.

## Chair Gale opened the Public Hearing.

Pierret read comments received by staff via email from the public prior to the Planning Commission meeting.

Scott & Sue Reed (30971 Hay Creek Hills Drive, Red Wing comments received via email by Ryan Bechel May 14, 2020) The Reeds stated that the proposal by the Applicant appeared to be a way to create a junk salvage yard or contractors yard on their property. They noted that there would be impacts to the environment and property values if this use was allowed. They added that the term outdoor storage is vague and could be interpreted to include junk or hazardous items and that this needs to be identified as not allowed in the definition to prevent misunderstanding of a facility's use.

Marilyn Schilling (Hay Creek Township Clerk, comments received via email by Ryan Bechel May 18, 2020) Ms. Schilling stated that the Hay Creek Township Board of Supervisors discussed the proposed text amendment and noted that they are opposed to the wording proposed by the Applicant. She added that the Township Board is in agreement with staff's proposed language.

Brad Johnson (29126 HWY 58 BLVD, Red Wing comments received via email by Ryan Bechel May 18, 2020) Mr. Johnson stated he agreed with the recommendation to deny the Applicant's proposed text amendment. He added that additional language should be added to staff's proposal to restrict noise and traffic potentially created by exterior storage yards.

Tom & Teresa Gadient (29407 HWY 58 BLVD, Red Wing comments received via email by Ryan Bechel May 18, 2020) The Gadients stated they agree with the recommendation to deny the Applicant's proposed text amendment. They added that a more descriptive definition of items allowed to be stored in an exterior storage yard should be crafted to ensure nonindustrial items are stored on agricultural or business zoned parcels.

#### (Attachment 1)

Commissioner Pettit relayed comments from Mary Veiseth (Minneola Town Board) who was concerned with the proposed definition of exterior storage and the fact that A2 zoned properties are typically in farmland areas in Minneola Township.

<sup>7</sup>After Chair Gale asked three times for additional comments it was moved by Commissioner Nesseth and seconded by Commissioner Huneke to close the Public Hearing.

#### Motion carried 8:0.

## <sup>8</sup>It was moved by Commissioner Miller and seconded by Commissioner Nesseth to:

- Adopt the staff report into the record;
- Accept the application, testimony, exhibits and other evidence presented into the record; and

Recommend the County Board of Commissioners **DENY** the Applicant's text amendment request for "outdoor storage" in the A2 and B2 zoning districts to the extent it is undefined and does not provide adequate detail for the County to interpret the proposed use.

## Motion carried 8:0

Commissioner Gale questioned types of vehicles that could be stored at an Exterior Storage Facility.

Hanni stated that staff is aware there are existing storage yards in the County and clarified that staff can send additional information to the Commission before they made a decision on staff's prepared Exterior Storage Yards use.

Commissioner Pettit commented that she would like to have more time to review staff's

proposal. She noted that the use fits into the Business zones and less into the agricultural zones.

Commissioner Nesseth questioned how this use would affect small farmers storing a few campers etc. in existing sheds and how staff would administer these regulations. He questioned whether this language was going to be an enforcement opportunity.

Hanni clarified that the new language would allow property owners to establish an exterior storage business with adherence to proposed performance standards.

Commissioner Nesseth questioned whether outdoor storage was allowed in Business Districts.

Bechel stated that outdoor storage is not an allowed as a primary use in any district. He added that storage is allowed if it is accessory to an already established business.

Commissioner Nesseth questioned whether approving of staff's language would allow outdoor storage with a permit.

Bechel noted that staff's recommendation is to permit exterior storage yards in Business, Industrial, and Commercial Recreational Districts.

Commissioner Gale questioned whether an owner storing a few items for friends or family would be required to obtain a permit from the County.

Bechel stated that storing items in accessory buildings have been allowed in the County in agricultural districts as a home business use.

Commissioner Nesseth questioned what the effect would be if the Planning Commission did not adopt this language.

Bechel stated that if the proposed language was not adopted, outdoor storage would not be allowed as a primary use in any district unless it is accessory to an established business.

Hanni stated that the language is intended to allow business zoned property owners to have an exterior storage yard business but the intention was not to start enforcing this language on individual residential property owners in the County.

Commissioner Miller clarified whether the proposed language was in reference only to exterior storage, not indoor storage. He commented that storing a few campers etc. on private property in an agricultural district may be okay if they were stored inside a building.

Chair Gale noted that there are two types of uses being discussed. The first is someone who wants to start a business on a property and the primary business is storing items like boats, *RVs*, or campers. The other scenario is when a property owner stores a few items for friends and family as a favor, not as a business. He discussed different scenarios if exterior storage was allowed in agriculture districts. Chair Gale stated he would prefer to table the item until the next meeting.

Commissioner Pettit questioned whether a public hearing would need to be held on the proposed staff language.

Bechel clarified that the public hearing was already held earlier for the Simanski's proposed amendment and staff's proposed amendment therefore another hearing would not be required if the item were on a future agenda. He also noted that a public hearing will be required at the County Board meeting.

Commissioner Nesseth stated that this proposal may have unintended consequences in the future and he could not support this amendment at this time. He added that he doesn't see a

#### need for the amendment.

Hanni added that the staff proposal was only to allow exterior storage in the business zones and to have a discussion on allowing it in the agricultural zones.

Commissioner Nesseth questioned the zoning of the Simanski's property.

Bechel stated that the Simanski property is half B-2 and half A-2.

Commissioner Nesseth proposed that the item be tabled for more discussion. He questioned whether there could be a specific number of items that can be stored on a property before they must register as an exterior storage yard.

Bechel stated that staff currently cannot allow someone to store items on their property as a business because the ordinance does not allow that type of use.

Commissioner Drazkowski questioned whether other counties had exterior storage as a nonpermitted use in agricultural districts.

Bechel stated that other counties typically did not allow storage in their agricultural districts however staff recognized that this was an existing use in Goodhue County agricultural districts. He added that in the end staff decided to recommend to not permit storage in the agricultural districts due to impacts on traffic, roads and neighbors. He noted that staff was not against allowing the use in the agricultural districts, however staff wanted the Commission to discuss the proposal.

Commissioner Drazkowski noted that there may be several property owners in agricultural districts who store items they do not own on their property. He didn't want to see a regulation put in place that would have future consequences.

Bechel re-iterated that staff currently does not have the option to allow exterior storage as a use in any zoning district. He stated that a separate set of rules, permit processes and scale may be necessary for exterior storage in the agricultural districts.

Chair Gale stated he would like to see a specific number of items put into the language where property owners can have a few campers on their property without registering as a storage yard.

Bechel noted that the proposed ordinance is not intended to regulate personal storage, the ordinance is proposed to allow exterior storage in Business and Industrial Districts and maybe where appropriate in agricultural districts.

9It was moved by Commissioner Nystuen and seconded by Commissioner Fox to:

**TABLE** staff's recommended Ordinance revision for Exterior Storage Yards to allow staff time to research and prepare additional information on allowing storage in Agricultural Zoning Districts. No additional public hearing will be held.

#### Motion carried 8:0

#### **Other-Discussion**

There was no additional discussion.

<sup>10</sup>ADJOURN: Motion by Commissioner Huneke and seconded by Commissioner Fox to adjourn the Planning Commission Meeting at 7:06 PM.

#### **Motion carried 8:0**

Respectfully Submitted,

#### Samantha Pierret; Zoning Assistant

<sup>1</sup> APPROVE the PAC meeting agenda. Motion carried 6:0. <sup>2</sup> APPROVE the previous month's meeting minutes. Motion carried 7:0. 3 Motion to close the Public Hearing Motion carried 8:0 4 Recommend the County Board of Commissioners APPROVE the request for preliminary/final plat review Motion carried 8:0 5 Motion to close the Public Hearing Motion carried 8:0 6 Recommend the County Board of Commissioners APPROVE the request to rezone "slivers" of property Motion carried 8:0 7 Motion to close the Public Hearing Motion carried 8:0 8 Recommend the County Board of Commissioners DENY the proposed Text Amendments Motion carried 8:0 9 TABLE the proposed Text Amendments prepared by staff Motion carried 8:0 10 ADJOURN. Motion to adjourn the PAC meeting. Motion carried 8:0

## Bechel, Ryan

From:	Marilyn Schilling <mkschill6@gmail.com></mkschill6@gmail.com>
Sent:	Sunday, May 17, 2020 11:46 AM
To:	Bechel, Ryan
Subject:	Public Comments - Planning Advisory Commission Meeting - 05/18/2020
Follow Up Flag:	Follow up
Flag Status:	Completed

Regarding Agenda Item 3 – Public Hearing Request for Text Amendments to Articles 10

The Hay Creek Township Board of Supervisors met on May 13, 2020. The proposed text amendment was reviewed and discussed by the supervisors. They asked that I contact you to inform you that the Hay Creek Township Board wishes to go on record that they are opposed to the request for text amendment for "outdoor storage" as submitted by Kevin Simanski because it is too vague as written. They are in agreement with your staff's definition and associated performance standards for "Exterior Storage Yards" and ask that you approve the staff's proposed "exterior storage yard" text amendments.

Marilyn Schilling Clerk, Hay Creek Township 651-764-4860 <u>mkschill6@gmail.com</u>

NOTICE: This e-mail and any files transmitted with it are intended only for the use and viewing of the individual or entity to which they are addressed. If you are not the intended recipient, please immediately notify the sender of the transmission error and then promptly delete this message from your computer system. Please be advised that e-mail correspondence to and from Goodhue County may be public data subject to the Minnesota Data Practices Act and may be disclosed to third parties.

Brad Johnson 29126 Highway 58 Blvd. Red Wing, MN. 55066

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I agree with the LUM staff recommendation to deny the Application For Text Amendment #Z20-0009 dated 3-13-2020 and to accept the LUM staff's proposed alternative language with one exception.

This language must be very specific, as not to allow any loose interpretation of the intended meaning of the ordinance.

Please refer to the LUM staff proposal Article 11, Section 33, Subdivision 1E. "Use of Exterior Storage Yards for equipment servicing or repair, retail sales, processing, or manufacturing is prohibited."

I respectfully suggest additional language be added to Article 11, Section 33, Subdivision 1E that would further define the intent of the ordinance. "Temporary staging (drop off) of equipment for day to day business related activities is prohibited"

My concern is without this language, there is a potential for additional activity, noise and traffic above and beyond what is associated with existing outdoor storage yards that contain boats, campers and other seasonal items.

Respectfully submitted,

Brad Johnson 29126 Highway 58 Blvd. Red Wing, MN 55066 To Planning Advisory Commission:

We agree with the Land Use Management staff on their recommendation to Deny the Applicant's text amendment. 'Any open air/outdoor storage' is undefined and risks overlap with existing definitions of Contractors Yard and Junk/Salvage Yards.

If PAC considers the Exterior Storage Yard text amendments that the Staff has recommended, we feel a more descriptive definition is needed to ensure clarity and understanding of appropriate storage. Allowing for 'similar items' is a vague term that should be removed (or if kept, more fully defined). It's important this text amendment does not create unintended consequences for the County, such as an Industrial business attempting to use other zoned parcels (like A2 or B2) for storage of items that are intended and suited for Industrial parcels.

Thank you.

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Tom & Teresa Gadient

29407 Huy 58 Blud Red, Wing, MN 55066

## Bechel, Ryan

From:	Sue Reed <gopher7895@hotmail.com></gopher7895@hotmail.com>
Sent:	Thursday, May 14, 2020 4:26 PM
To:	Bechel, Ryan
Subject:	5/18/2020 Planning Advisory Commission Public Hearing Agenda Item-Kevin Simanski
Follow Up Flag:	Follow up
Flag Status:	Flagged

To Members of the Goodhue County Planning Advisory Commission:

Knowing that Kevin Simanski 's request for a junk salvage yard and contractors yard at Highway 58 and Hay Creek Hills Drive was previously declined, this appears to be another way to create such a business on this site. As residents of Hay Creek Hills Drive we have been opposed to these proposals due to damage to the environment and our property values. We continue to have concerns about hazardous materials, drainage from the site, noise, traffic, offensive odors and the area becoming an eyesore.

"Outdoor storage" is a vague term and could loosely be interpreted to include junk and hazardous materials. The proposed definition: "An outdoor facility designed and used for the orderly storage of operable recreational vehicles, boats, vehicles or similar items," sounds acceptable but continues to raise questions of future intentions. Storage of construction debris, hazardous materials, trash, etc. needs to be specifically identified as not allowed in any definition to prevent misunderstanding of a facility's use per the code.

Scott and Sue Reed 30971 Hay Creek Hills Drive Red Wing, MN 55066 (315) 382-2230

# **Goodhue County Land Use Management**

Goodhue County Government Center | 509 West Fifth Street | Red Wing, Minnesota 55066

Lisa M. Hanni, L.S. Director

Building | Planning | Zoning Telephone: 651.385.3104 Fax: 651.385.3106



County Surveyor / Recorder

Environmental Health | Land Surveying | GIS Telephone: 651.385.3223 Fax: 651.385.3098

To: Planning Commission From: Land Use Management Meeting Date: June 15, 2020 Report date: June 5, 2020

#### **PUBLIC HEARING: CUP Request for Feedlot Expansion (Dicke)**

Request for CUP, submitted by Dale Dicke (owner/operator), for expansion of an existing Feedlot above 500 Animal Units and construction of an animal waste storage pit exceeding 500,000 gallons.

## Application Information:

Applicant: Dale Dicke (owner/operator) Address of zoning request: 20699 County 52 BLVD, Goodhue, MN 55027 Parcel(s): 33.004.1400 Abbreviated Legal: The SE ¼ of Section 4 TWP 111 Range 15 in Goodhue Township Township Information: Goodhue Township confirmed acknowledgment of the Applicant's proposal via email sent on May 22, 2020. The Applicant has completed the Township Building Permit approval form which has been signed by Goodhue Township without comments/conditions. Zoning District: A1 (Agriculture Protection District)

## Attachments and links:

Application and submitted project summary (excerpt of submitted materials; full submittal available from LUM Department upon request) Site Map(s) Feedlot Officer Odor OFFSET calculations (Kelsey Petit) Goodhue County Zoning Ordinance (GCZO): http://www.co.goodhue.mn.us/DocumentCenter/View/2428

## Background:

The Applicants are requesting Conditional Use Permit (CUP) approval to expand an existing Feedlot operation from 244 animal units to 572.05 animal units. The proposal includes construction of a new slat barn with a below-grade storage pit with a proposed maximum storage capacity of 606,129 gallons. The proposed barn and pit would be located on land currently occupied by open feeding pens and when finished would provide space for up to 300-head of beef cattle. The planned expansion will allow the family farming operation to increase labor and operational efficiencies as well as improve on-site manure management.

The property is currently a registered Feedlot in good standing. The Goodhue County Zoning Ordinance (GCZO) requires CUP approval for all Feedlots exceeding 500 Animal Units in the A1 District and any animal waste storage pits exceeding 500,000 gallons. The property does not currently operate under a Conditional Use Permit as there are less than 500 animal units on-site and the Applicant's utilize a solid manure pack system for managing wastes that does not include liquid storage.

## Goodhue County Zoning Ordinance: Article 4 Conditional/Interim Uses

No CUP/IUP shall be recommended by the County Planning Commission unless said Commission specifies facts in their findings for each case which establish the proposed CUP/IUP will not be injurious to the use and enjoyment of other property in the immediate vicinity for the purposes already permitted, will not substantially diminish and impair property values within the immediate vicinity, will not impede the normal and orderly development and improvement of surrounding vacant property for uses predominant to the area, that adequate measures have been, or will be, taken to provide utilities, access roads, drainage, and other necessary facilities, to provide sufficient off-street parking and loading space, to control offensive odor, fumes, dust, noise, and vibration so that none of these will constitute a nuisance, and to control lighted signs and other lights in such a manner that no disturbance to neighboring properties will result.

## Project Summary:

#### **Property Information:**

- The farm is located on a 160-acre parcel (approximate). Dale Dicke's residence is located on the parcel.
- The property and all adjacent properties are zoned A1. Surrounding land uses are primarily agricultural (feedlots and row-crop agriculture). There is low to medium residential density in the immediate vicinity with 6 homes within a half-mile of the site.
- The barn would be accessed by existing driveways from County 52 BLVD (aggregate road) at the southern portion of the parcel. Emergency vehicle access appears adequate to service the property.
- Existing parking and unloading space would be available for the new barn.

## **Feedlot Facilities:**

- The Applicants are proposing to construct a 70-foot x 120-foot cattle confined feeding barn with a proposed 52-foot x 140-foot below-grade concrete manure pit.
- The barn and manure storage areas have been designed by ProAg Engineering, a Minnesota licensed engineering firm.
- There are 7 existing sheltered livestock areas (including calf hutches) as well as multiple open-air feeding pens. One existing cattle barn is planned to be removed after completion of the proposed barn (as noted on attached maps). Additional facilities include feed and grain storage silos, bags, and bins, and multiple machinery storage/repair buildings.

## Animal Units/Setbacks:

• The Applicants are proposing to register an additional 300 head of Beef Feeder cattle resulting in a total of 572.05 Animal Units as shown below. Dairy cattle, calf, and chicken numbers have also been slightly changed from the last registration (2017) to reflect current operations.

Animal Type	A.U. Factor	# of Animals	Animal Units
Dairy Cattle			
Heifer	0.7	20	14
Calf	0.2	125	25
Beef Cattle			
Slaughter Steer/Stock cow	1.0	200	200
Feeder Cattle	0.7	330	231
Cow and Calf Pair	1.2	85	102
Chickens			
Layers 5lbs. and over – dry manure system	.005	10	0.05
	Tot	al Animal Units	572.05

- Expansions on existing Feedlots are required to be setback at least 91% Odor Annoyance-Free Rating distance (as determined by the Odor OFFSET Evaluation Model) from existing dwellings. A 430-foot setback is required for the facility to meet a 91% Odor Annoyance-Free Rating.
- The nearest dwelling (owned by Audrey Hadler) is located 1,640 feet southwest of the proposed Feedlot expansion. At that distance, a 98% Odor Annoyance-Free Rating is achieved.

The Feedlot is over 2.5 miles the nearest city (Goodhue).

• There are currently 8 dwellings located in section 04. As an A1 zoned section, a maximum of 4 dwellings are allowed in the section. The sections east, south, and west of the site are also zoned

A1 and have either met or exceeded their available dwelling density. The section north of the site is zoned A2 and has 4 dwellings where 12 are allowed (one per ¼ ¼). Future development in section 33 of Featherstone Township would be difficult due to topographic and accessibility challenges.

- ProAg Engineering completed a desktop wetlands review and karst features inventory. No wetland features were noted within the project area and the nearest potential sinkhole is greater than 1,000 feet southwest of the site.
- The proposed Feedlot is sited to comply with all other setback standards of the GCZO including property lines, wells, septic systems, Shoreland, Floodplains, sinkholes, and Blufflands. The site is not located within an abandoned quarry.

## **Drainage/Landscaping:**

- The site has minor topographic relief with slopes ranging from 3-6% in the project area. The facility would be sited on a lower portion of the site from the existing dwelling and some barns. Drainage for the property generally flows north via a series of existing in-field grassed waterways before finally out-letting into Hay Creek approximately 1 mile north of the farm.
- The plans call for a combination of silt fencing, bale check, and earthen dikes around the
  perimeter of the excavation to prevent stormwater erosion during the construction phase. A
  perimeter tile is proposed around the new barn that would be interconnected to an existing field
  tile drainage system to aid drainage around the structure and allow on-going monitoring of the
  manure pit.
- An NPDES permit is not required for this project as it will create less than one acre of impervious area. A Stormwater Pollution Prevention Plan (SWPPP) has been prepared by the engineer to prevent erosion on site.

Goodhue County Soil and Water Conservation District Technician/Water Planner Beau Kennedy was not available to review the submittal prior to print. Staff will provide an update with Mr. Kennedy's comments at the PAC hearing.

#### Nutrient/Waste Management:

• Animal waste will be collected via a manure containment pit beneath the new barn until it can later be field-applied as fertilizer. The pits are subject to MPCA inspection throughout the construction process to ensure structural integrity and conformance with approved engineered plans. The proposed pit would hold up to 606,129 gallons and provide 385 days worth of on-site storage capacity allowing the operation greater flexibility in determining when to land apply manure.

Manure Storage Area	Status	Туре	Length	Width	Depth	Capacity (Gallons)
New Slat Barn	Proposed	Concrete Pit	141.7'	52.0'	11'	606,129

- The manure pit has an "Operation, Inspection, and Maintenance Plan" which includes records retention and quarterly monitoring of liquid levels to ensure the pit is properly functioning.
- A preliminary Nutrient Management Plan has been submitted for review to the Goodhue County Feedlot Officer. The Applicants plan to field apply manure via "knife injection" during the early fall. Existing "manure pack" wastes are field applied using a solids spreader followed by tillage incorporation. A final review and approval of the Applicants' Nutrient Management Plan will be required before completion of the Feedlot Registration process.
- An Animal Mortality Plan is currently in place at the facility. The Applicants utilize composting as the primary method of disposal of deceased animals. The earthen bottom compost pile would be approximately 40-feet x 50-feet and will be site off the northeast corner of the new barn.
- The barn will be "total confinement" to reduce off-site odor impacts. Additional odor control/reduction measures include prompt cleanup of feed spills and prevention of manure buildup around gates and feeders.
- It should be noted that any wastewater from showers, hand wash sink, bathrooms, or any other

source of human sewage cannot be comingled and must be treated by a septic system permitted by Goodhue County Environmental Health. The existing dwelling is served by an individual septic system.

There is an existing well on the property approximately 500 feet from the proposed facilities. Wells are subject to permit approval and inspection from the Goodhue County Environmental Health Department.

#### **County Feedlot Officer Comments:**

• Goodhue County Feedlot Office Kelsey Petit offered the following comments:

"The Dicke's will have enough land to apply the beef and dairy manure for this feedlot operation. They state in the manure management planner that they can apply on 489 acres and more if needed. The applicants are taking all protective measures to meet state and county requirements to provide sufficient protection of water resources."

#### **Draft Findings of Fact:**

The following staff findings shall be amended to reflect concerns conveyed during the PAC meeting and public hearing.

- 1. The proposed Feedlot expansion and manure storage pit does not appear injurious to the use and enjoyment of properties in the immediate vicinity for uses already permitted, nor would it substantially diminish and impair property values in the immediate vicinity. The use is located in an A1 (Agriculture Protection) zone which is intended to allow for large-scale agricultural operations. Large separation distances and low residential density in the vicinity buffer the Feedlot from existing non-compatible uses in the surrounding area. The use appears harmonious with the established uses in the vicinity which include primarily cropland and animal agriculture operations.
- 2. The Feedlot expansion and liquid manure storage pit is not anticipated to impede the normal and orderly development or improvement of surrounding vacant property for uses predominant to the area. All dwellings not owned by the Applicant exceed the minimum setback standards required by ordinance. The expansion achieves a 98% Odor Annoyance Free Rating due to its configuration and distance from existing non-farm uses where 91% is the minimum allowed by ordinance. The proposal meets or exceeds all the other development standards of the Goodhue County Zoning Ordinance and appears compatible with adjacent land uses.
- 3. A review of the Applicant's submitted project summary indicates adequate utilities, access roads, drainage, and other necessary facilities are available to accommodate the proposed use.
- 4. The facility has existing means to provide sufficient off-street parking and loading space to serve the proposed use and meet the Goodhue County Zoning Ordinance's parking requirements.
- 5. The submitted plans detail adequate measures to prevent or control offensive odor, fumes, dust, noise, and vibration so that none of these will constitute a nuisance. The new barn and manure pit are "total confinement" and liquid manure is field applied via "knife injection" to minimize odor and fume impacts to surrounding landowners.

Staff recommendation is based on the review of the submitted application and project area prior to the public hearing.

## Staff Recommendation:

LUM Staff recommends the Planning Advisory Commission

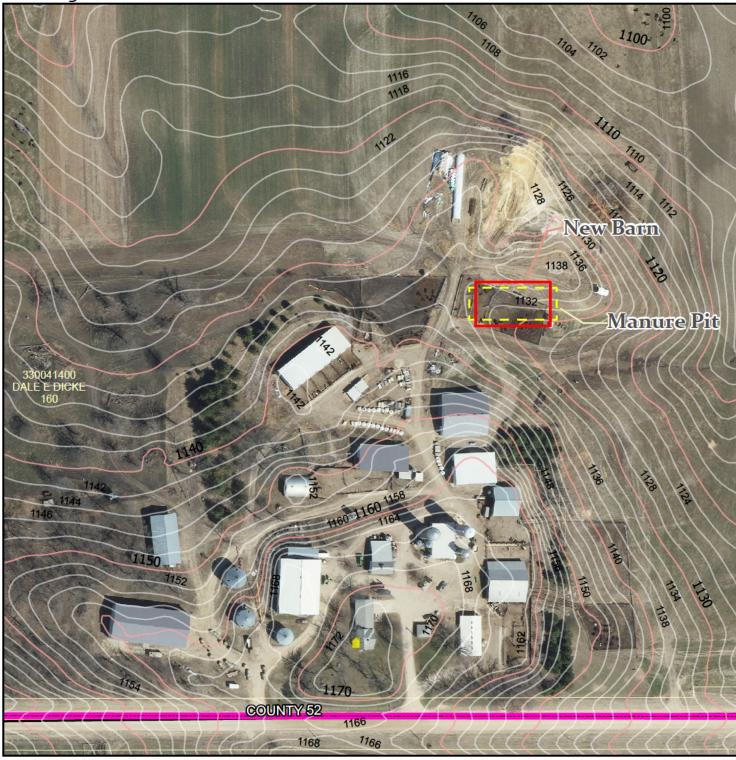
- adopt the staff report into the record;
- adopt the findings of fact;
- accept the application, testimony, exhibits, and other evidence presented into the record; and

Recommend the County Board of Commissioners **APPROVE** the CUP request, submitted by Dale Dicke (owner/operator) to establish a 572.05 Animal Unit Feedlot with an animal waste storage pit of up to 606,129 gallons.

Subject to the following conditions:

- 1. The Feedlot expansion shall be constructed according to submitted plans, specifications, and narrative unless modified by a condition of this CUP;
- 2. Applicants shall obtain Building Permit approvals from the Goodhue County Land Use Management Department prior to establishing the new barn;
- 3. Compliance with Goodhue County Zoning Ordinance including, but not limited to, Article 21 (Agriculture Protection District) and Article 13 (Confined Feedlot Regulations);
- 4. Compliance with all necessary State and Federal registrations, permits, licensing, and regulations.

# MAP 03: CONTOURS



## PLANNING COMMISSION

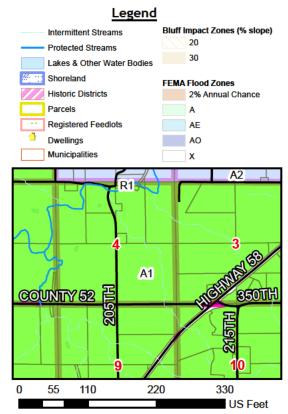
Public Hearing June 15, 2020

Dale Dicke (Owner/Operator)

A-1 Zoned District

The SE 1/4 of Section 4 TWP 111 Range 15 in Goodhue Township

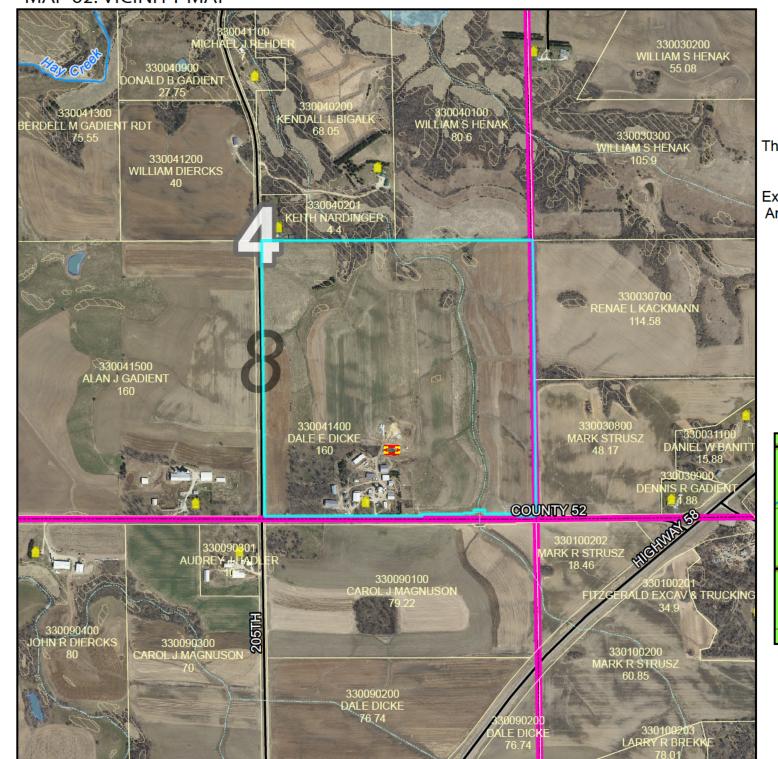
Expansion of an existing Feedlot above 500 Animal Units and construction of an animal waste storage pit over 500,000 gallons



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2018 Aerial Imagery Map Created June, 2020 by LUM

# MAP 02: VICINITY MAP



#### PLANNING COMMISSION

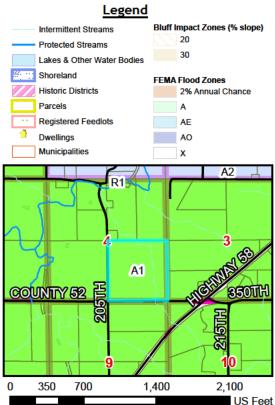
Public Hearing June 15, 2020

Dale Dicke (Owner/Operator)

A-1 Zoned District

The SE 1/4 of Section 4 TWP 111 Range 15 in Goodhue Township

Expansion of an existing Feedlot above 500 Animal Units and construction of an animal waste storage pit over 500,000 gallons



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2018 Aerial Imagery Map Created June, 2020 by LUM

# MAP 01: PROPERTY OVERVIEW



## PLANNING COMMISSION

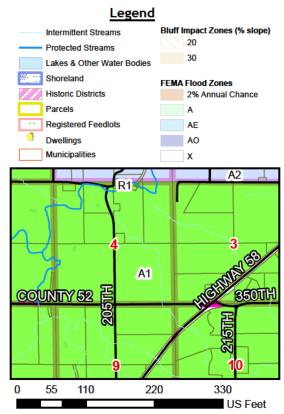
Public Hearing June 15, 2020

Dale Dicke (Owner/Operator)

A-1 Zoned District

The SE 1/4 of Section 4 TWP 111 Range 15 in Goodhue Township

Expansion of an existing Feedlot above 500 Animal Units and construction of an animal waste storage pit over 500,000 gallons



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2018 Aerial Imagery Map Created June, 2020 by LUM

## **Odors From Feedlots Setback Estimation Tool**

Farm Name	1
Address or County	
Evaluator	
Date	

ne 🚺	Dale Dicke and Sons	
у 🗍	Goodhue County	
r 📃	K. Petit CFO	
, 🔽	6/3/2020	

Source Edge to Nearest Neighbor (ft)	430
Source Edge to Property Line (ft)	

## **Building Sources**

Building Typ	e	Width (ft)	Length (ft)	# of Similar Sources	Total Area (sqft)	Control Tech	nology	% air treated
Dairy - free stall	-	70	120	1	8400	None	-	
None	-				0	None	-	
None	-				0	None	-	
None	-				0	None		
None	-				0	None	-	
None	-				0	None	-	
None	•				0	Biofilter	-	

Clear All

#### AREA SOURCES

Source Descript	tion	Shape		Width (ft) (or Dia)	Length (ft)	Area (sqft)	Control Te	chnology
Steel or concrete tank	•	Rectangle	-	52	140	7280	None	
None	-	Rectangle	-			0	None	-
None	-	Rectangle	-			0	None	-
None	-	Rectangle	-			0	None	-
None	-	Rectangle	-			0	None	-
None	-	Rectangle	-			0	None	-
None	-	Rectangle	-			0	None	-

Building Sources		
Add Source Type		
Name of Source		-
Odor Flux (ou/s/m2)		
H2S Flux (ug/s/m2)		
NH3 Flux (ug/s/m2)		-
Documentation	-	
Countentation	and the set of	_
Add a Control Tech	inology	
	inology	
Add a Control Tech	inology	
Add a Control Tech	inology	
Add a Control Tech Name of technology Odor reduction (%)	inology	

Add a Source	Туре
Name of Source	ej
Odor Flux (ou/s/m2	
H2S Flux (ug/s/m2)	
NH3 Flux (ug/s/m2)	
Documentation	
Add Control Te	
Name of technology	
Name of technology Odor reduction (%)	
Name of technology Odor reduction (%) H2S reduction (%)	
Name of technology Odor reduction (%)	

OFFSET Ver 2.0 University of Minnesota

> OFFSET Annoyance-free 91%

## **Odors From Feedlots Setback Estimation Tool**

Farm Name Address or County Evaluator Date

Dale Dic	cke and Sons
	hue County
K, P	Petit CFO
 5/4/2020	

OFFSET Ver 2.0 University of Minnesot	a
OFFSET Annoyance-free 98%	

Source Edge to Nearest Neighbor (ft) 1640 Source Edge to Property Line (ft) 600

#### **Building Sources**

Building Type		Width (ft)	Length (ft)	# of Similar Sources	Total Area (sqft)	Control Technology	% air treated
Dairy - free stall	-	70	120	1	8400	None 🔻	
None	-				0	None 👻	
None	-				0	None 👻	
None	•				0	None 💌	
None	-			/ · · · · · · · · · · · · · · · · · · ·	0	None 💌	
None	-				0	None 👻	
None	-				0	Biofilter 🗸 🗸	

Clear All

#### AREA SOURCES

Source Descript	tion	Shape	•	Width (ft) (or Dia)	Length (ft)	Area (sqft)	Control Tec	hnology
Steel or concrete tank	-	Rectangle	•	52	140	7280	None	-
None	-	Rectangle	-			0	None	-
None	-	Rectangle	-			0	None	-
None	-	Rectangle	-			0	None	-
None	-	Rectangle	-			0	None	-
None	-	Rectangle	-			0	None	-
None	-	Rectangle	-			0	None	-

Building Source	ces
Add Source T	/pe
Name of Source	
Odor Flux (ou/s/m2)	
H2S Flux (ug/s/m2)	
NH3 Flux (ug/s/m2)	
Documentation	and the second second
Add a Control T	echnology
Add a Control T	echnology
Name of technology	echnology
	echnology
Name of technology Odor reduction (%)	echnology
Name of technology Odor reduction (%) H2S reduction (%)	echnology

Add a Source	уре
Name of Source	
Odor Flux (ou/s/m2)	
H2S Flux (ug/s/m2)	
NH3 Flux (ug/s/m2)	
Documentation	
Add Control Tec	hnology
	hnology
Add Control Tec	hnology
Add Control Tec	hnology
Add Control Tec Name of technology Odor reduction (%)	hnology

# RECEIVED

## MAY 2 2 2020

## Land Use Management

# GOODHUE COUNTY CONDITIONAL/INTERIM USE PERMIT APPLICATION

Parcel #_330041400		Permit#720.00	21
PROPERTY OWNER INFORMATION			
Last Name Ditke	First Dale	Email:	
Street Address 20699 (3 52		Phone (	
		ttach Legal Description as Exhibit "A" 🗌	
Authorized Agent	Pi	hone	
Mailing Address of Landowner: Same	-		
Mailing Address of Agent:			
PROJECT INFORMATION			
Site Address (if different than above):			
		N120 Building -/ 52) Monant bu: 102.19 With existing nearby land uses will be minimize	
DISCLAIMER AND PROPERTY OWN			
acknowledge that this application is rendered	f invalid and void should the County de	Use Management Department is accurate and le etermine that information supplied by me, the the above mentioned agent to represent me a	applicant
Signature of Landowner: Dale	Dieke	Date 5-18-2000	
Signature of Agent Authorized by Agent:			
TOWNSHIP INFORMATION	Township Zoning Permit Attached?	? If no please have township complete	below:

By signing this form, the Township acknowledges being made aware of the request stated above. In no way does signing this application indicate the Township's official approval or denial of the request.

Signature

Title

Date

Comments:

COUNTY SECTION	COUNTY	FEE \$350	RECEIPT #17263	DATE PAID 5 201	X
----------------	--------	-----------	----------------	-----------------	---

Applicant requests a CUP/IUP pursuant to Article \_\_\_\_\_ Section \_\_\_\_\_ Subdivision \_\_\_\_\_ of the Goodhue County Zoning Ordinance What is the formal wording of the request?

Shoreland	Lake/Stream Name	Zoning District
Date Received	Date of Public Hearing	DNR Notice City Notice

Action Taken: \_\_\_\_\_ Approve \_\_\_\_\_ Deny Conditions:

GOODHUE COUNTY CONDITIONAL/INTERIM USE PERMIT APPLICATION

## PROJECT SUMMARY

Please provide answers to the following questions in the spaces below. If additional space is needed, you may provide an attached document.

1. Description of purpose and planned scope of operations (including retail/wholesale activities). Cattle Feeding Operation from baby calves to market ready animals- sold to packing Company.

2. Planned use of existing buildings and proposed new structures associated with the proposal. Utilize older buildings for feed storage, and utilize new cattle feeding facility

to create labor efficiency as well as fully contain manure from the cattle in this facility.

3. Proposed number of non-resident employees.

 Proposed hours of operation (time of day, days of the week, time of year) including special events not within the normal operating schedule.

Normal operating schedule of a cattle farm.

5. Planned maximum capacity/occupancy. 300

 Traffic generation and congestion, loading and unloading areas, and site access. No changes from current activity on our farm.

7. Off-street parking provisions (number of spaces, location, and surface materials).

na

 Proposed solid waste disposal provisions. cattle slatted barn with a fully enclosed pit.

9. Proposed sanitary sewage disposal systems, potable water systems, and utility services.

# 10. Existing and proposed exterior lighting.

11. Existing and proposed exterior signage.
12. Existing and proposed exterior storage.
13. Proposed safety and security measures. na
14. Adequacy of accessibility for emergency services to the site.
15. Potential for generation of noise, odor, or dust and proposed mitigation measures. No increase from current generation in any of these categories.
16. Anticipated landscaping, grading, excavation, filling, and vegetation removal activities. Excavate to pour cement for a pit.
17. Existing and proposed surface-water drainage provisions.
18. Description of food and liquor preparation, serving, and handling provisions.
19. Provide any other such information you feel is essential to the review of your proposal na

## **GOODHUE COUNTY**

Goodhue Township/County Zoning Application

PERMIT #	
Parcel #	330641400

APPLICANT INFORMATION			
Last Name Dicke	First Dale	M.I. <u>E</u> Da	10 5-20-2020
Street Address 20699 Lo 52 Blud		Phone (	
city Goodhue	State MM	ZIP 5502	7
Township Goodhue III N	Range IC.	Section	
PROJECT INFORMATION		· ·	
Site Address 20699 6 52 Blud			
Zoning District Lot Size / Type of Project Cattle building Structure Type Frame Ar Bldg. Shoreland?	60 erres so	ructure Dimensions $\beta_{i}$	1n- 70×120 f-52×140
Type of Project Cattle building	Proposed Use Ag - cat	the Feeding	
structure Type Frame As Bldg. Shoreland?	YES D NO KA RE	placement? YES 🗌	мо 💢
Lake/Stream Name	Lake/Stream ID #		
Variance #	Conditional Use Pen	mit #	-

#### DISCLAIMER AND SIGNATURE

I hereby apply for a zoning permit and I acknowledge that the information above is complete and accurate, that the work will be in conformance with the ordinances and codes of Goodhue County. The applicant also understands by signing this application he / she could be held responsible as representative of this project for any violation of compliance with all applicable laws and ordinances of Goodhue County. This permit may be suspended or revoked if the permit has been issued in error or on the basis of incorrect information supplied or in violation of any ordinance or regulation of Goodhue County. All provisions of law and ordinances governing this type of work will be complied with whether specified herein or not.

Dale Dicko Signature TOWNSHIP APPROVALS

Brenda L. Husch

Date 5/22/20

Date

Date 4-15-20

Date

I hereby certify that the above described project has been approved by the Township Board, and the structure and use will meet all Township Codes and Ordinances If constructed as indicated.

Title Clerk

Title

Date

Signature

Signature

#### COUNTY APPROVALS

Environmental Health Signature

Application is Hereby [] GRANTED []DENIED to

in accordance with the application, site plan, addendum forms, specifications and all other supporting data, unless specified hereinafter in the general provisions or comments

By order of Zoning Administrator/Planner:

Additional Comments

#### \*Zoning Permits will expire within one year of permit date approval\*

New Address:

GOODHUE SWCD 104 EAST 3<sup>RD</sup> AVENUE - PO Box 335 GOODHUE, MN 55027 651-923-5286 Ext 4

# Feedlot registration form

**Feedlot Program** 

Doc Type: Feedlol Registration

Instructions: Minn. R. ch. 7020 requires most owners of livestock operations to provide information requested in this form to the Minnesota Pollution Control Agency (MPCA) at least once in a four-year cycle, unless a permit application has been made. Feedlots with a National Pollutant Discharge Elimination System (NPDES) or State Disposal System (SDS) permit cannot use this form to document change of name or ownership.

Facility name and address I The information below reflects a change to the name of an existing registered facility.

Facility name: Dale Dicker Son's	Registration numbe	1: 049-73273
Facility Address: 20699 Co 52 Bluel	Parcel ID number	: 33-004-1400
city: Goodhue	State: W Zlp code	55027
Phone: Email: (		

Ownership information I The information below reflects a change of ownership of an existing registered facility.

Name: Dale, Ad	Same as feedlot name and Kin, Hin, Dil SP Blud	ke N	lame:	me as feedlot owner information
Cily: Goodhup			ddress:	
Phone:			hone:	
Email: _d				<b></b> ,
Facility locational info	ormation			
county: Goodhul		City/Townsh	hip: Goodhul	
Township (26-71 or 101-168)	Range (1-51)	Section (1-36)	¼ Section (NW, NE, SW, SE)	14 of 14 Section (NW, NE, SW, SE)
<u>[</u> 11	15	4	SE	SW
Is any part of the facility with Any part of the facility locate Any part of the facility locate Any part of the facility within Facility operations info Animals on pasture for part	ed within a delineated fi ed within designated sh a 300 feet of a known si ormation <i>(indicate o</i>	ood plain (100 year lik oreland? nkhole? components that are		de la companya
Open lots (dirt, concrete, of Buildings that are designed If yes to either above, wi animal holding area to a	ther) that are designed I for animal confinemen hat is the shortest dista	as animal holding ar t or as animal holdin nce from an	eas g areas	Yes No
A liquid manure storage stri A manure stockpile (solid m if yes to either above, wi manure storage area to	ucture nanure storage area) hat is the shortest dista	nce from a	feet	☐ Yes ⊉ No ☐ Yes ⊠ No
If you closed a liquid manur	e storage area or perm	anent manure stock	oile since your last registrati	on, complete the following:
	Liquid st	lorage	ate closed:	Liquid storage

.

.

#### Number of animals at the facility

If you currently do not maintain animals at the site, list the date that you last had animals (mm/dd/yyyy): \_\_\_

Enter in column C the maximum number of animals that you have maintained (standing herd or flock size) at the facility at any given time in the past five years.

Then calculate the animal units in column D by multiplying the value in column C by the value in column B.

Dairy – mature cow (milked or dry) over 1,000 lbs. Dairy – mature cow (milked or dry) under 1,000 lbs. Dairy – heifer Dairy – calf Beef – slaughter steer or stock cow Beef – feeder cattle (stocker or backgrounding) or helfer Beef – cow and calf pair Beef – calf Veal – calf Swine – over 300 pounds Swine – over 300 pounds Swine – under 55 pounds (and separated from sow) Horse Sheep or lamb Chickens – all sizes with liquid manure system Chickens – broiler 5 lbs, and over – dry manure system Chickens – broiler under 5 lbs, – dry manure system	В	C	D	
Animal type	Animai unit factor	Maximum number (head) maintained at anytime in past δ years	Animal Units (B x C)	
Dairy - mature cow (milked or dry) over 1,000 lbs.	1.4			
Dairy - malure cow (milked or dry) under 1,000 lbs.	1.0			
Dairy – heifer	0.7	20	14	
Dairy calf	0.2	125	25	
Beef - slaughter steer or stock cow	1.0	200	200	
Beef - feeder cattle (stocker or backgrounding) or helfer	0.7	330	231	
Beef - cow and calf pair	1.2	85	102	
Beef - celf	0.2			
Veal calf	0.2			
Swine - over 300 pounds	0,4			
Swine - between 55 and 300 pounds	0.3			
Swine – under 55 pounds (and separated from sow)	0.05			
Horse	1.0			
Sheep or lamb	0.1			
Chickens – all sizes with liquid manure system	0.033			
Chickens - broiler 5 lbs, and over - dry manure system	0.005			
Chickens - broiler under 5 lbs dry manure system	0.003			
Chickens - layers 5 lbs, and over - dry manure system	0.005	01	:05	
Chickens – layers under 5 lbs. – dry manure system	0.003			
Turkeys – over 5 lbs.	0.018			
Turkeys – under 5 lbs.	0.005			
Ducks – dry manure system	0.01			
Ducks – liquid manure system	0.01			
Other animals (not listed above - specify in space below):				
			Total AU	

Signature (person completing the form) and Submittal

Print name: Signalure:

Title: Date: 4-15-19

1 1



Goodhue County Soil & Water Conservation District 104 East 3rd Avenue P.O. Box 335 Goodhue, MN 55027

Phone: 651-923-5286 Ext. 3 FAX: 651-923-5304 www.goodhueswed.org

## NOTICE OF CONSTRUCTION OR EXPANSION Of An Animal Feedlot or Manure Storage Area

#### Part 1. All Facilities: Notice to County, Town and City Authorities

An owner of an animal feedlot or manure storage area (facility) proposing to construct a new or expand an existing facility of any animal unit capacity shall complete Part 4 of this form and submit a copy to all local units of government that may have zoning authority over the project (e.g., if the project is located in a town, submit the form to the town and the county). Construction or expansion may begin upon receiving written or verbal approval from all authorities list in Parts 1 and 2 of this form. If the owner is not contacted by all authorities listed in Parts 1 and 2, construction may begin 30 days after completion of this notice.

#### Part 2. Less than 300 Animal Units: Notice to MPCA or Delegated County

An owner of a facility who is proposing to construct a new or expand an existing facility to a capacity of fewer than 300 animal units, shall complete Part 4 of this form and submit a copy to the MPCA or delegated county feedlot officer. Notification under this section is complete if the owner has submitted plans and specifications for a new or modified liquid manure storage area in accordance with Minn. Rule 7020.2100, subpart 4. Construction or expansion may begin upon receiving written or verbal approval from <u>all</u> authorities list in Parts 1 and 2 of this form. If the owner is not contacted by all authorities listed in Parts 1 and 2, construction may begin 30 days after completion of this notice.

#### Part 3. 500 or More Animal Units: Notice to residents and property owners within 5000 feet

A. <u>Notice Methods</u>. An owner proposing to construct a new or expand an existing facility of 500 or more animal units (after construction or expansion), shall no later than ten business days after a permit application is submitted to the MPCA or delegated county, provide notice to each resident and each owner of real property within 5,000 feet of the perimeter of the proposed facility. This notice must be completed by one of the following methods:

<u>Newspaper notice</u>. Publish in a newspaper of general circulation within the affected area a notification containing the information in Part 4 of this form;

<u>Written notice</u>. Send a written notice to each resident and owner of real property containing the information in Part 4 of this form, delivered by first class mail or in person; or

<u>Conditional use permit notice</u>. Provide equal or greater notification required as part of obtaining a county conditional use permit.

B. <u>Permit Application Requirements</u>. An owner proposing to construct a new or expand an existing facility with a capacity of 500 or more animal units, shall complete Parts 4 and 5 of this form and submit a copy to the MPCA or delegated county feedlot officer with a permit application.

C. <u>Extensions for Construction Short-Form and Interim Permits.</u> An owner issued a construction short form or interim permit for a facility that will have a capacity of 500 or more animal units, and the owner requests an extension to the permit, must complete the notice requirements in Parts 4, 5 and 6 of this form, as applicable.

Construction Short Form Permits. If the work for which a construction short-form permit was issued is not complete upon expiration of the permit, the expiration date of the permit may be extended by no more than 24 months provided the owner is currently eligible for the same permit and the owner completes the notification requirements under Minn. R. 7020.2000, subp. 4. Animal Feedlot Rules Chapter 7020

Interim Permits. If the pollution hazard for which an interim permit was issued is not corrected upon expiration of the permit, the expiration date may be extended by no more than 90 days if the facility is currently eligible for the same permit and the owner completes the notification facility is currently eligible for the same permit and the owner completes the notification requirements under Minn. R. 7020.2000, subp 4.

Part 4. All Facilities: Required Notice Information
Name of owner(s) or legal name of facility: Dale Dicke
Location: Goodhue Goodhue 4 SE SW
County Township Section 1/4 Sec. 1/4 of 1/4
Type (species) of livestock: Finishing Cattle Total animal units:
Type(s) of confinement buildings, lots and animal holding areas: <u>Confinement building</u> going to replace some existing open lots,
Type(s) of manure storage areas: <u>Cenent pit</u> per pack
List the local authorities that have been notified in accordance with Part 1 of this form: County: Township: Brenda Hingsch City:

#### Part 5. 500 or More Animal Units: Owner's Certification (Complete if required in Part 3)

I hereby certify that I am an owner of the facility described in Part 4 of this form and that I have completed, or will complete, the notice requirements of Minn. R. 7020.2000, subp. 4. I have attached the information described below that documents that I have taken the necessary steps to complete the(circle one: newspaper notice, written notice, conditional use permit notice) notice method no later than ten business days after my permit application is submitted to the MPCA or delegated county. I also certify that the information provided in this form is, to the best of my knowledge and belief, true, accurate and complete.

Describe the attached documentation:

Part 6. Signature of owner: Date: apr. Part 7. 500 or More Animal Units: Permit Extension Information (Complete if required in Part 3.C.) Permit Number: Date on which the original permit was issued: List the new proposed date of completion: Notes: For office use only: Date received: Return this notification form to: Goodhue SWCD 104 East 3rd Ave. P.O. Box 335 Goodhue MN 55027

# Animal Mortality Plan

Purpose: This Animal Mortality Plan is for the handling of dead animals in accordance with State requirements, including Minn. Stat. § 35.82 and Minn. R. chs. 1719.0100 to 1719.4600 and 7011.1215.

Facility name:	Do	ile?	Dic	Ke:	& Sons	Feedlot registration no.	049-73273
Owner/Operato	r name:	Ada	n &	40	n Diche	Feedlot permit no.	

Planned method of animal disposal: Complete the table below by identifying the animal type, the primary method and the secondary method of disposal of dead animals at your feedlot. The legal methods of disposal are listed below and the minimum requirements for each management option are described on the following page. Please make sure the locations of burial sites, incinerators, temporary mortally storage, and/or compost areas are indicated on the site sketch of your facility included with the permit application.

Catastrophic loss: A catastrophic event such as a fire, collapse, tomado, floods or loss of power that results in a mass amount of animal mortalities shall be reported within 24 hours after the event started. Notifications should include the Minnesota Department of Public Safety Duty Officer at 800-422-0798 and the MPCA.

Animal type	Primary method	Secondary method	Catastrophic loss
Cattle	Compost	Render	
			Minnesota Duty Officer:
			1-800-422-0798

Check here: Dependence by the second page of this form for the dead animal disposal options identified above for my operation. I agree to adhere to and follow the minimum requirements for the proper disposal of dead animals.

#### Legal Methods of Disposal

i

	Method										
Spacles .	Bury	Incinerate	Render	Compost	Exempt by Law						
Poultry			$\square$								
Świne		V									
Cattle			Z								
Horses			Ø								
Sheep/Goats			Ø								
Household pets					M						
Wild animals					Ø						
Game farm/Exotic animals			V								

If composting cattle, horses, or game/exotic animals, contact the Minnesota Board of Animal Health at 651-296-2942 or 800-627-3529.

Animal carcasses should be disposed of as soon as possible, within 48-72 hours. Any vehicles transporting carcasses must be: leak proof, covered, inspected, and permitted by the Minnesola Board of Animal Health (If owner is transporting his own dead animals a permit is not required).

Page 1 of 2

#### Bury

Operators choosing to bury animals must select sites very carefully due to the high risk of ground-water contamination. Burled carcasses must:

- Stay five (5) feet above seasonal high water table.
- Stay 1000' away from lakes and 300' away from rivers, streams, ditches, etc.
- Be covered immediately with enough soil to keep scavengers out (Minnesota Board of Animal Health guidelines indicate three (3) feet is sufficient).
- Not be placed in sandy or gravely soll types.
- Maintain at least ten (10) feel vertical separation between dead animals and bedrock.

#### Compost

The composting process must, at a minimum, meet the following:

- The owner of the compost facility shall have a written protocol for the operation containing at least the minimum steps listed below and instructing all employees to follow the protocol.
- Mortalilies must be processed daily.
- A base of littler is required. The carcasses or discarded animal parts and littler plus bulking agent are added in layers so that the carbon to nitrogen ratio is in the range of 15:1 to 35:1 (optimal 23:1).
- The carcasses or discarded animal parts must be kept six (6) inches from the edges and sealed with littler each day.
- The temperature must be taken and recorded on site daily. The compost temperature mustireach a minimum of 130
  degrees Fahrenheit. Approximately seven (7) to ten (10) days are needed in each heat cycle to process the carcasses
  and kill the pathogens. The temperature drop indicates the time to mix and move the compost. A minimum of two (2)
  heat cycles is required.
- The finished compost must not contain visible pieces of soft tissue and must be handled, stored, and used according to all other applicable rules.

In addition, composting facilities must be:

- Built on an impervious\*, weight-bearing pad that is large enough to allow equipment to maneuver.
- Covered with a roof to prevent excessive moisture on the composting material, but if sawdust or other water-repelling
  material is used as the bulking agent, a roof may not be necessary.
- Built of rot-resistant material that is strong enough to withstand the force exerted by equipment.
- Large enough to handle each day's normal mortality through the endpoint of the composing which consists of a
  minimum of two (2) heat cycles.

#### Incinerate

inclnerator must be:

- Capable of producing emissions not to exceed 20 percent opacity.
- Fitted with an afterburner that maintains flue gases at 1,200 degrees Fahrenheit for at least 0.3 seconds.
- Ash from the incinerator must be handled in such a manner as to prevent particulate matter from becoming airborne.

in addition, it is recommended that the incinerator is large enough to handle each day's mortalities.

#### Render

Carcasses left at an off-site pickup point must be:

- Kept in an animal-proof, enclosed area.
- At least 200 yards from a neighbor's buildings.
- Picked up within 72 hours.
- If the enclosed area is refrigerated to less than 45 degrees Fahrenheit, the carcasses must be ploked up within seven
   (7) days.

#### Alternative methods

Alternative methods of mortality disposal including, but not limited to, pet food processing, fur farm consumption, lactic fermentation, extrusion, and experimental composting, require a permit from the Minnesota Board of Animal Health. For more information on alternative methods of carcass disposal, contact the Board of Animal Health at 651-296-2942.

\*For the purpose of compost pad construction, Class V gravel material is not considered to be impervious.

Page 2 of 2

# Manure Storage, Handling, and Testing Information

\_\_\_\_\_

MINNESOTA POLLUTION CONTROL AGENCY

Facility Name: Dale Dicke and son's

NPDES or SDS Permit? No Permit Number:

Owner/Operator Name:

Date Last Revised: \_\_\_\_\_ Registration Number: 049-73273

Manure Sources	Manure Source #1	Manure Source #2	Manure Source #3	Manure Source #4
Description of Manure Source Group sources with similar nutrient content if they have identical animal type, water usage, feed rations, and manure storage	Weaned milt shed #2	120 head barn	Dairy Heifers	weaned milt shed #1
Livestock Information				
Predominate Animal Type (Contributing to Manure Source)	Beef Feeder (High Energy)	Beef Feeder (High Energy)	Dairy Heifer	Beef Feeder (High Energy)
Average Animal Weight	250 lbs	450 lbs	700 lbs	250 lbs
Animal Number	60	120	20	60
Length of Time Livestock Spend In Facility	365 days/yr	365 days/yr	200 days/yr	365 days/yr
Additional Animal Type (Contributing to Manure Source)				
Average Animal Weight	lbs	lbs	Ibs	Ibs
Animal Number				
Length of Time Livestock Spend In Facility	days/yr	days/yr	days/yr	days/yr
Storage Information				
Storage Type	Manure Pack	manure pack	Manure Pack	manure pack
Capacity	45 tons	400 tons	30 tons	45 tons
Storage Length	4 months	4 months	6 months	4 months
Application Methods	and the second			
Commercial Applicator (Yes/No or Name)	no	No	No	no
Spreader Type	Solids Spreader	Solids Spreader	Solids Spreader	Solids Spreader
How Volume/Tonnage Determined per Load	Spreader Volume	Spreader Volume	Spreader Volume	Spreader Volume
How Application Rate is Calibrated	Acres Covered by One Load	Acres Covered by One Load	Acres Covered by One Load	Acres Covered by One Load
Manure Analysis - Existing facilities should	use actual manure test results			
Sampling Frequency	every 2 years	Every 2 Years	Every 2 Years	Every 2 Years
Sampling Methods	Sample from Spreader Load	Sample from Spreader Load	Sample from Spreader Load	Sample from Spreader Load
Date Last Analyzed		01.17.19	01/17/19	01.17.19
Basis for N,P, & K Values Below	Estimate	Estimate	Last Year's Sample	Estimate
Total N - (do not enter lab estimated availability)	11 lbs/ton	11 lbs/ton	15 tbs/ton	11 lbs/ton
Total P <sub>2</sub> O <sub>5</sub> - (do not enter lab estimated availability)	7 lbs/ton	7 lbs/ton	8 lbs/ton	7 lbs/ton
Total K <sub>2</sub> O - (do not enter lab estimated availability)	11 lbs/ton	11 lbs/ton	10 lbs/ton	11 lbs/ton
Annual Generation - Existing facilities should	ld use actual production values			
Total Manure Produced per Year (Estimated)	86 tons	309 tons	32 tons	86 tons
Total Manure Produced per Year (Actual)	120 tons	320 tons	60 tons	120 tons
Annual N Produced	1,320 lbs	3,520 lbs	900 lbs	1,320 lbs
Annual P <sub>2</sub> O <sub>5</sub> Produced	840 lbs	2,240 lbs	480 lbs	840 lbs
Annual K <sub>2</sub> O Produced	1,320 lbs	3,520 lbs	600 lbs	1,320 lbs
	Average Book Values	Average Book Values	Average Book Values	Average Book Values
	N 11	N 11	N 10	
			10	N 11

7 11

P<sub>2</sub>O<sub>5</sub> K<sub>2</sub>O

Average Book Values		Average	Book Values	Average Book Values		
N	11	N	10	N	11	
P <sub>2</sub> O <sub>5</sub>	7	P <sub>2</sub> O <sub>5</sub>	3	P <sub>2</sub> O <sub>5</sub>	7	
K <sub>2</sub> O	11	K <sub>2</sub> O	7	K <sub>2</sub> O	11	

# Manure Storage, Handling, and Testing Information

Facility Name: Dale Dicke and son's

NPDES Permit Coverage? No

Permit Number:

Owner/Operator Name:

Date Last Revised:

K<sub>2</sub>O

26

Registration Number: 049-73273

K<sub>2</sub>O

Manure Sources	Manure Source #5	Manure Source #6	Manure Source #7	Manure Source #8
Description of Manure Source				
Group sources with similar nutrient content if they have identical	Colf horn and hutahaa	New Slat barn/Pit Barn		
animal type, water usage, feed rations, and manure storage	Calf barn and hutches	New Slat parti/Pit Barti		
Livestock Information				
Predominate Animal Type (Contributing to Manure Source)	Dairy Calf	Beef Feeder (High Energy)		
	150 lbs	1,000 lbs	1.	
Average Animal Weight	160	300	lbs	lbs
Animal Number Length of Time Livestock Spend In Facility	365 days/yr	365 days/yr	danatur	doughur
*	SOS days/yr	505 days/yr	days/yr	days/yr
Additional Animal Type				
(Contributing to Manure Source)	and the second se	and the second s	101 March 100	
Average Animal Weight	lbs	lbs	lbs	lbs
Animal Number				
Length of Time Livestock Spend In Facility	days/yr	days/yr	days/yr	days/yr
Storage Information				
Storage Type	Manure Pack	Underfloor Concrete Pit		
Capacity	60 tons	700,000 gais		
Storage Length	4 months	12 months		I
Application Methods				and the second sec
Commercial Applicator (Yes/No or Name)	No	No		
Spreader Type	Solids Spreader	Liquid Tanker		
How Volume/Tonnage Determined per Load	Spreader Volume	Spreader Volume		
How Application Rate is Calibrated	Acres Covered by One Load	Acres covered by one load		
Manure Analysis - Existing facilities should	use actual manure test results			
Sampling Frequency	Every Year	Every year		
Sampling Methods	Sample from Spreader Load	Estimate (New Structure)		
Date Last Analyzed				
Basis for N,P, & K Values Below	Book Value	Estimate		×
Total N - (do not enter lab estimated availability)	10 lbs/ton	54 lbs/1000 gai		
Total P2O5 - (do not enter lab estimated availability)	3 lbs/ton	21 lbs/1000 gal		
Total K <sub>2</sub> O - (do not enter lab estimated availability)	5 lbs/ton	29 lbs/1000 gal		
Annual Generation - Existing facilities show	uld use actual production values			
Total Manure Produced per Year (Estimated)	134 tons	642,732 gals		
Total Manure Produced per Year (Actual)	100 tons	gals		
Annual N Produced	1,000 lbs	34,708 lbs	lbs	lbs
Annual P <sub>2</sub> O <sub>5</sub> Produced	300 lbs	13,658 lbs	lbs	lbs
Annual K <sub>2</sub> O Produced	500 lbs	18,639 lbs	lbs	ibs
	Average Book Values	Average Book Values	Average Book Values	Average Book Values
	N 10		N Average book values	N
			P <sub>2</sub> O <sub>5</sub>	P <sub>2</sub> O <sub>5</sub>
	P <sub>2</sub> O <sub>5</sub> 3	P <sub>2</sub> O <sub>5</sub> 18	205	F205

K<sub>2</sub>O

5

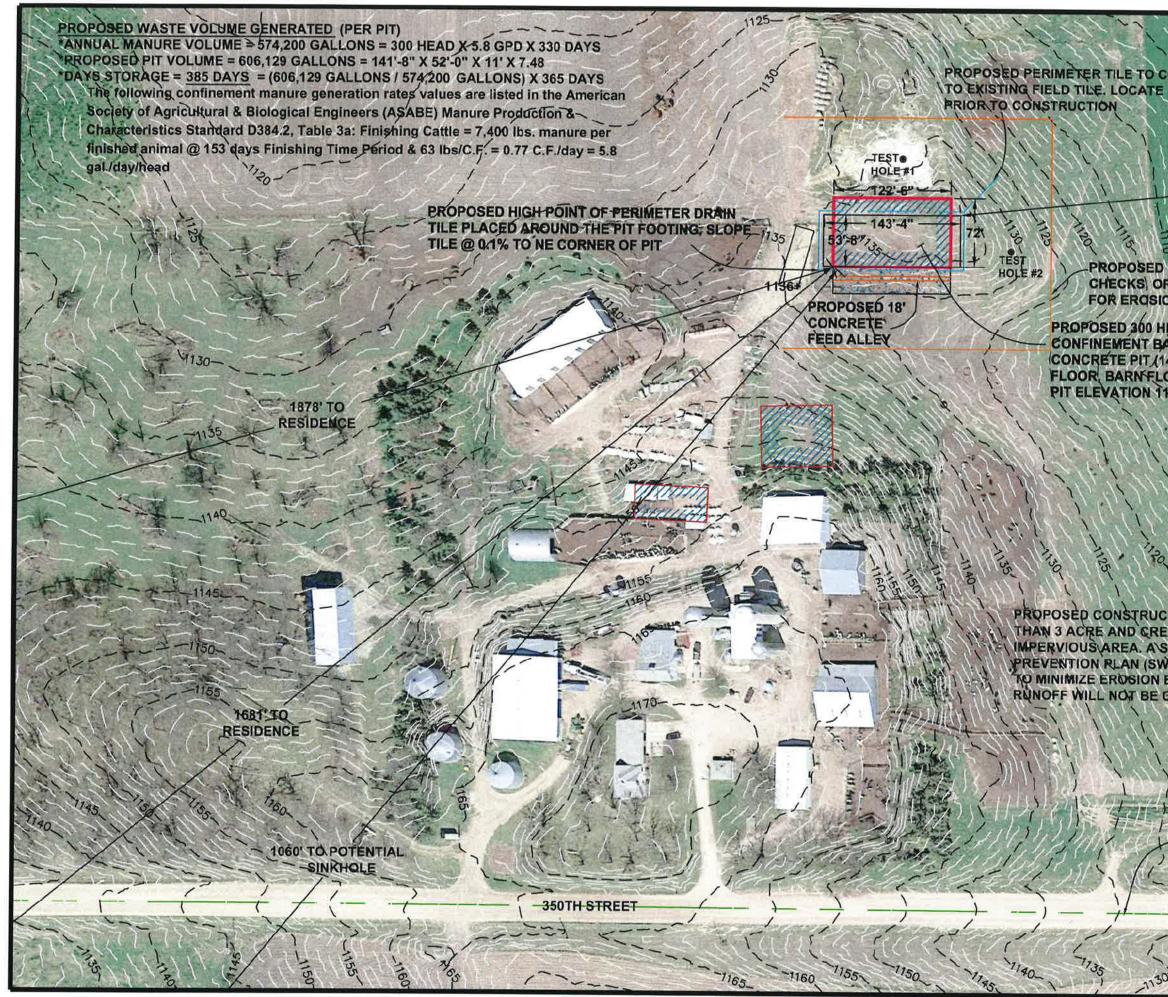
K<sub>2</sub>O

# General Field Information (Fields 1-35)

MINNESOTA POLLUTION CONTROL AGENCY

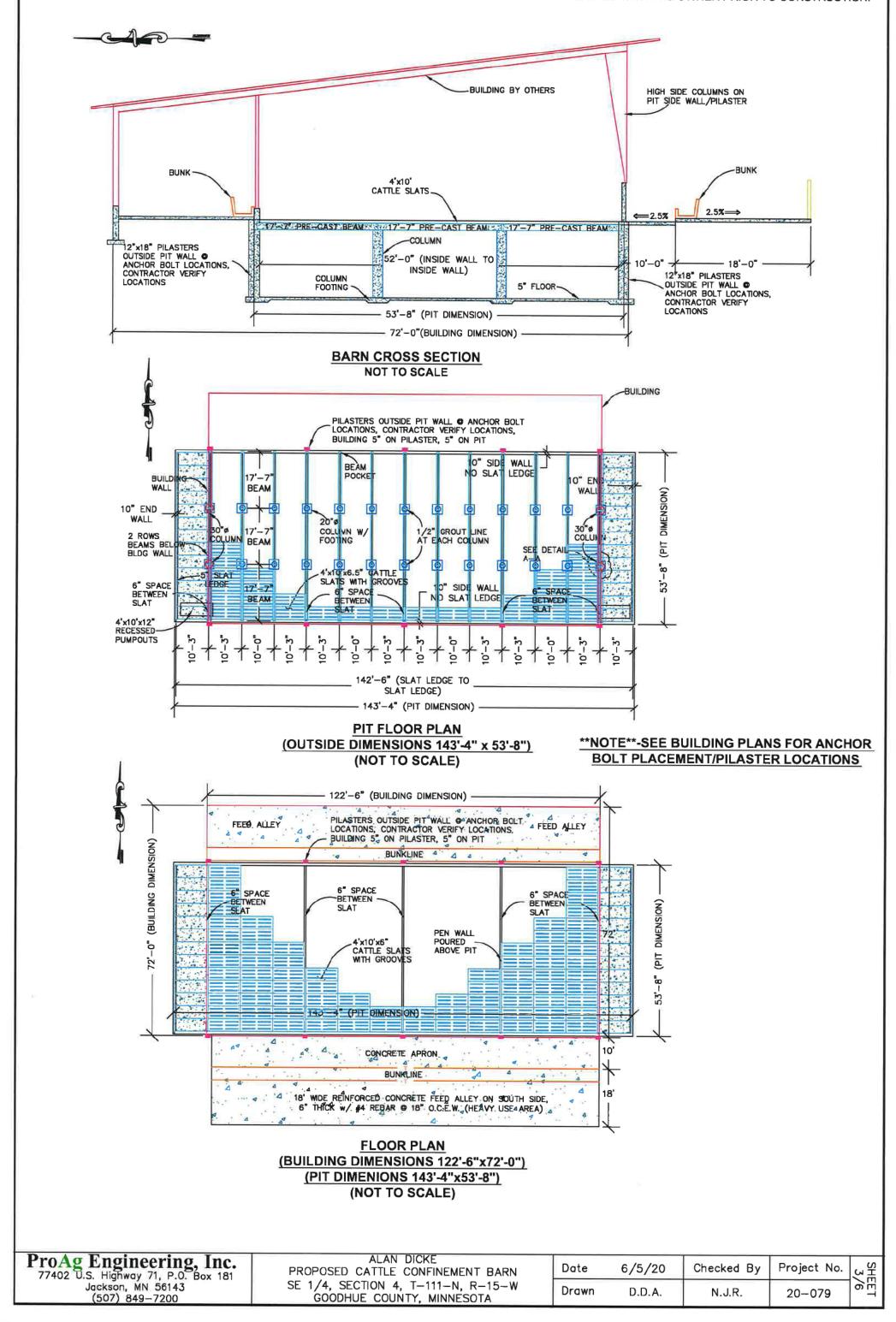
Unique Field IDB B C Y PauS S Y PauAttach Aerial Photo or Map With Location Description (twp-rng-sec)S PauExample80✓80 N1980 S3280 E8Home East 115Home West7Home North25Home Strips20Rueter East28Rueter West28Rueter West28Rueter Middle60Orville Augustine #110Bobs #116Home east 217Co. 3 valley15Orville Augustine #340Bobs #21680 N #219diercks trailer 4040	Image Ditch     Image Ditch       Image Ditch     Image Ditch	<ul> <li>&lt; &lt; &lt;</li></ul>		0     0 <th></th> <th>Public Well Management Area</th> <th>shallow Bedrock</th> <th>Sinkhole</th> <th>Well, Mine, or Quarry</th> <th>Other Conduit to Water</th> <th>Year of Soil Test20052017201720172017</th> <th>Phos ( Field /</th> <th>I Test phorus P) Average pm) Olsen Bray Bray</th> <th>Organic Matter Med/High Med/High Med/High</th> <th><ul> <li>N ≥ N</li> <li< th=""><th>Anticipated Manure Application Timing NOTE: NPDES &amp; SDS permitted sites cannot apply liquid manure in the winter (unless emergency) Late Fall Winter Summer</th><th></th><th>-</th><th>fo</th></li<></ul></th>		Public Well Management Area	shallow Bedrock	Sinkhole	Well, Mine, or Quarry	Other Conduit to Water	Year of Soil Test20052017201720172017	Phos ( Field /	I Test phorus P) Average pm) Olsen Bray Bray	Organic Matter Med/High Med/High Med/High	<ul> <li>N ≥ N</li> <li< th=""><th>Anticipated Manure Application Timing NOTE: NPDES &amp; SDS permitted sites cannot apply liquid manure in the winter (unless emergency) Late Fall Winter Summer</th><th></th><th>-</th><th>fo</th></li<></ul>	Anticipated Manure Application Timing NOTE: NPDES & SDS permitted sites cannot apply liquid manure in the winter (unless emergency) Late Fall Winter Summer		-	fo
80 N       19         80 S       32         80 E       8         Home East 1       15         Home West       7         Home North       25         Home Strips       20         Rueter East       28         Rueter West       28         Rueter Middle       60         Orville Augustine #1       10         Bobs #1       16         Home east 2       17         Co. 3 valley       15         Orville Augustine #3       40         Bobs #2       16         80 N #2       19	× _	>     >     >       >     >     >       >     >     >	t doub			to inse	rt a ch	eck m	ark***		2017 2017 2017	54 64	Bray Bray	Med/High Med/High	No No	Winter Summer			
80 S       32         80 E       8         Home East 1       15         Home West       7         Home North       25         Home Strips       20         Rueter East       28         Rueter West       28         Rueter Middle       60         Orville Augustine #1       10         Bobs #1       16         Home east 2       17         Co. 3 valley       15         Orville Augustine #3       40         Bobs #2       16         80 N #2       19	~	>     >       >     >       >     >       >     >       >     >									2017 2017	64	Bray	Med/High	No	Summer	3555	ft	2%
80 E       8         Home East 1       15         Home West       7         Home North       25         Home Strips       20         Rueter East       28         Rueter West       28         Rueter Middle       60         Orville Augustine #1       10         Bobs #1       16         Home east 2       17         Co. 3 valley       15         Orville Augustine #3       40         Bobs #2       16         80 N #2       19		> > > >       > > > > >									2017				-				Į –
Home East 1       15         Home West       7         Home North       25         Home Strips       20         Rueter East       28         Rueter West       28         Rueter Middle       60         Orville Augustine #1       10         Bobs #1       16         Home east 2       17         Co. 3 valley       15         Orville Augustine #3       40         Bobs #2       16         80 N #2       19		> > >     > > >										15	Denu		NI -				<u> </u>
Home West       7         Home North       25         Home Strips       20         Rueter East       28         Rueter West       28         Rueter Middle       60         Orville Augustine #1       10         Bobs #1       16         Home east 2       17         Co. 3 valley       15         Orville Augustine #2       75         Orville Augustine #3       40         Bobs #2       16         80 N #2       19		<b>&gt; &gt; &gt; &gt; &gt; &gt; &gt;</b>										.0	Bray	Med/High	No	Late Fall			
Home North       25         Home Strips       20         Rueter East       28         Rueter West       28         Rueter Middle       60         Orville Augustine #1       10         Bobs #1       16         Home east 2       17         Co. 3 valley       15         Orville Augustine #3       40         Bobs #2       16         80 N #2       19		> > > > > > > > > > > > > > > > > > >									2017				No	Early Fall			
Home Strips       20         Rueter East       28         Rueter West       28         Rueter Middle       60         Orville Augustine #1       10         Bobs #1       16         Home east 2       17         Co. 3 valley       15         Orville Augustine #2       75         Orville Augustine #3       40         Bobs #2       16         80 N #2       19		>>>>						·			2017				No	Winter	3273	ft	6%
Rueter East       28         Rueter West       28         Rueter Middle       60         Orville Augustine #1       10         Bobs #1       16         Home east 2       17         Co. 3 valley       15         Orville Augustine #2       75         Orville Augustine #3       40         Bobs #2       16         80 N #2       19		> > > > >									2017				No	Spring & Fall			
Rueter West       28         Rueter Middle       60         Orville Augustine #1       10         Bobs #1       16         Home east 2       17         Co. 3 valley       15         Orville Augustine #2       75         Orville Augustine #3       40         Bobs #2       16         80 N #2       19		~				-					2017				No	Spring & Fall			
Rueter Middle       60         Orville Augustine #1       10         Bobs #1       16         Home east 2       17         Co. 3 valley       15         Orville Augustine #2       75         Orville Augustine #3       40         Bobs #2       16         80 N #2       19		~									2017	61	Bray	Med/High	No	Late Fall			
Orville Augustine #1         10           Bobs #1         16           Home east 2         17           Co. 3 valley         15           Orville Augustine #2         75           Orville Augustine #3         40           Bobs #2         16           80 N #2         19							-				2017	76	Bray	Med/High	No	Late Fall			
Bobs #1         16           Home east 2         17           Co. 3 valley         15           Orville Augustine #2         75           Orville Augustine #3         40           Bobs #2         16           80 N #2         19											2017	44	Bray	Med/High	No	Late Fall			
Home east 2       17         Co. 3 valley       15         Orville Augustine #2       75         Orville Augustine #3       40         Bobs #2       16         80 N #2       19	1										2019	17	Bray	Med/High	No	Late Fall			
Co. 3 valley         15           Orville Augustine #2         75           Orville Augustine #3         40           Bobs #2         16           80 N #2         19		~									2019	16	Bray	Med/High	No	Late Fall			
Orville Augustine #2         75           Orville Augustine #3         40           Bobs #2         16           80 N #2         19		<b>~</b>									2017				No	Late Fall			
Orville Augustine #3         40           Bobs #2         16           80 N #2         19	<ul> <li>✓</li> </ul>	$\checkmark$									2017				No	Late Fall			
Bobs #2         16           80 N #2         19		×									2019	15	Bray	Med/High	No	Late Fall			_
80 N #2 19		<ul> <li></li> <li></li> </ul>									2019	15	Bray	Med/High	No	Winter	3113	ft	6%
		$\checkmark$									2019				No	Late Fall			
diercks trailer 40 40		~									2017	40	Bray	Med/High	No	Late Fall			
		~									2017				No	Late Fall			
								0									2		
					-	<u> </u>				$\vdash$									
		_																	

Total Acres (Fields 1 - 35) 490



GRAPHIC SCALE		EET /6
CONNECT E OUTLET- A Inchi = 100 ft.	Project No.	20-079
WATER SOURCE	Checked By	N.J.R.
D SILT FENCE, BALE	6/5/20	D.D.A.
HEAD FINISHING CATTLE DEEP PIT BARN (122'-6" x72'-0") w/ 12' DEEP (143'-4"x53'-8") BELOW SLATTED BARN LOOR ELEVATION 1137, BOTTOM OF 1125 (SEE DETAIL)	Date	Drawn
CTION WILL DISTURB LESS REATE LESS THAN 1 ACRE OF STORMWATER POLLUTION WPPP) HAS BEEN DEVELOPED I BUT THE ROOF WATER GOLLECTED OR CONTAINED.	ALAN DICKE CATTLE CONFINEMENT	SE 1/4, SECTION 4, T111N, R15W GOODHUE COUNTY, MINNESOTA
ASSUMED BOUTH LINE OF SECTION 45 T-171-N, R-15-W, GOODHUE COUNTY, MININESOTA	ProA: Engineering, Inc. 77402 U.S. Highway 71, P.O. Box 181	Jackson, MN 56143 (507) 849-7200

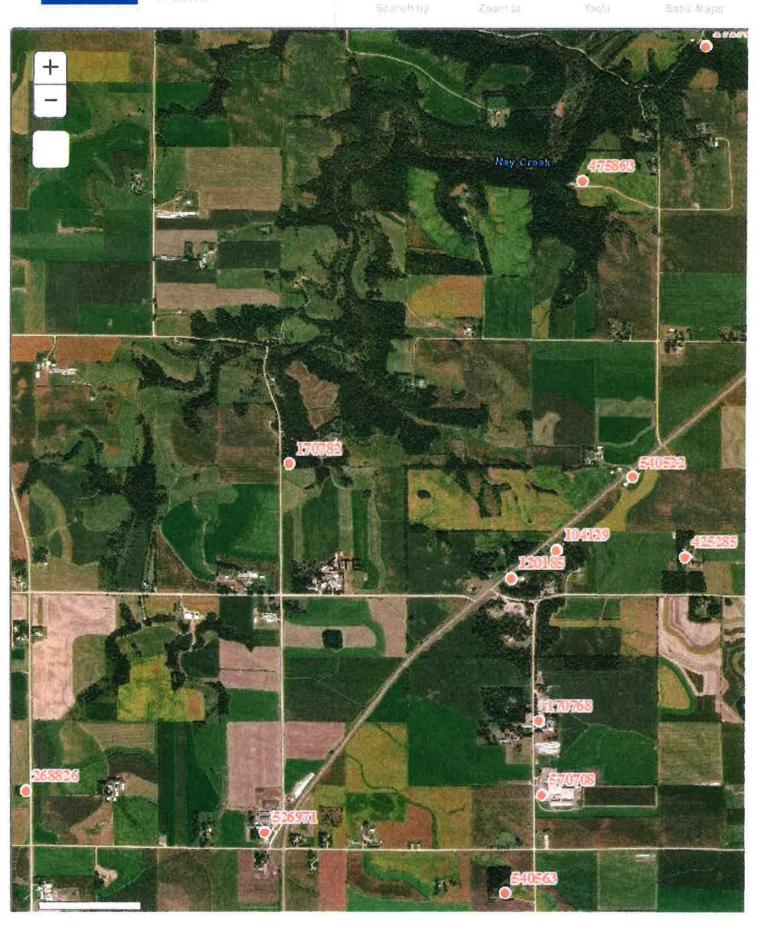
\*<u>IMPORTANT NOTE</u>- PRECAST DIMENSIONS CHANGE BETWEEN SUPPLIERS. PRECAST DIMENSIONS MUST BE VERIFIED WITH THE OWNER PRIOR TO CONSTRUCTION.





Minnesota Department of Health

# Minnesota Well Index



170782		County Quad Quad ID	Goodhu Goodhu 69A		MINNESOTA WELL AN Minnesot		
Well Name GADIENT,		Townsh 111	ip Ran 15	ige Di W	r Sectio	a Subse	
Elevation	1105	Elev.	Method	7.5 m	inute topo	graphic map	(+/- 5 feet)
Address C/W	3	4470 20:	5TH AV (	HOODHU	E MN		
Stratigraphy Geological M	50 C		Ť-		(8)	2.1	
SOIL	ateriai		Frc 0	un 10 3	()	Color BROWN	Hardness MEDIUM
SANDROCK	C		3	45		YELLOW	SOFT
LIMEROCK			45	28	0	TELLOW	HARD

280

335

GRAY

MEDIUM

Minnesota Unique Well Number

SANDROCK

Remarks

Minnesota Well Index Report

#### MINNESOTA DEPARTMENT OF HEALTH ELL AND BORING REPORT

ta Statutes Chapter 1031

 Entry Date
 11/04/1987

 Update Date
 02/14/2014

 Received Date

Well Depth	Depth Compl	atad Date	Well Completed	_
335 ft.	335 ft.		Well Completed	
Drill Method No	on-specified Rotary	Drill Fluid		
Use domestic			Status A	ctive
Well Hydrofracture	d? Yes	No From	То	-
Casing Type	Step down	Joint	Welded	-
Drive Shoe? Y	es X No	Above/Belo		
<b>Casing Diameter</b>	Weight		Hole Diameter	
4 in. To 301	ft. lbs./ft.		12 in. To 45	
8 in. To 45	ft. lbs./ft.		8 in. To 30	
			4 in. To 33	5 ft.
Omen Wels				_
Open Hole F Screen?	rom <u>301</u> ft. <b>Type</b>	To 3 Make	35 ft.	
Static Water Leve	-			
150 ft. la	nd surface	Measure	12/21/1979	
Pumping Level (b	elow land surface)			
150 ft.	hrs. Pumping at	15	g.p.m.	
Wellhead Comple	tion			
Pitless adapter manu			Model	
Casing Protec	tion X 1	2 in. above grade		
Grouting Informa	tion Well Grouted		No. Not Provi	6-1
Material			No Not Speci	ried
neat cement		Amount	From To	
neat cement		9.5 Cubic yards	0 ft. 301	ft.
	ource of Contaminati	on		
5280 feet Well disinfected u	South Direction	Yes	Barnyard No	Туре
ump	Not Installed	Date Installed	12/21/1979	-
Manufacturer's name		Date instance	12/21/19/9	
Model Number	4C10015 HP	1	Volt 230	
Length of drop pipe	168 ft Capaci	ity 10 g-p-	Typ Submersible	
bandoned				
	any not in use and not sea	led well(s)?	Yes	No
Variance Was a variance gran	ted from the MDH for this	s well?	Yes	No
liscellaneous				
	Peter Sandstone	Aquife		
	rdan Sandstone	Depth to	Bedrock 3	ft
Located by	Minnesota Geologic			
Locate Method	Digitized - scale 1:2-		• • /	
System UT! Unique Number Veri	M - NAD83, Zone 15, Me	55		
	Inform	ation from	Input Date 05/28/1	996
ngled Drill Hole				
Vell Contractor				_
Maher Well Co.		19301	DAMEATE	
Licensee Busines	8 Ĩ.	ic. or Reg. No.	RANISATE, J Name of Driller	
			Stand of Diality	
82			<b>B</b> 1 - 1	0.1.00
			Printed on 06/	
			HE-0	1205-1

Minnesota Unique Well Number

Remarks

Minnesota Well Index

	County	Goodhue		
120185	Quad	Goodhue		

#### MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Quad ID 69A

### Minnesota Statutes Chapter 1031

Entry Date

Update Date

11/04/1987

12/20/1994

Well Name Township FREDERIXON, 111 Elevation 1155 Elev. Meth Address C/W GOODHUE M Stratigraphy Information Geological Material CLAY LIMEROCK SANDROCK LIMEROCK WITH SAND SANDROCK SANDROCK

ID 69A		1110/00/002	ora Drarates Cha	pier 1051		Re	ceived Dat	te	
Range Dir Se	ction S	Subsection	Well Dept	3	Depth Comp	leted	Date W	Vell Completed	1
5 W 3		CDDBDD	281 ft.		281 ft.		12/12/1	978	
od 7.5 minute	topograph	ic map (+/- 5 fee	t) Drill Metho	d Non-spec	ified Rotary	Drill	Fluid		
			Use don	estic				Status	Active
55027			Well Hydro	ractured?	Yes	No	From	То	
			Casing Ty	pe Step do	wn		Joint	Welded	
			Drive Shoe	? Yes 🗌	No	Abo	ve/Below	0 ft.	
From To (ft.	) Color	Hardne	Casing Dia	neter W	eight			Hole Diamet	er
0 90			4 in, To	230 ft.	lbs./ft.			4 in. To	281 ft.
90 112			8 in. To	20 ft.	lbs./ft.				
112 127 127 215									
215 230									
230 281			Open Hole	From	230 ft.	То	281	ft.	
250 201			Screen?		Туре		Make		
			Static Wat	er Level					
			Pumping I	evel (below la	and surface)				
			Wellhead	Completion					
			Pitless adapt	er manufacturer	_		М	lodel	
				g Protection	antal Walls	12 in. above			
				ide (Environme nformation	Well Groute			0 Not 9	pecified
			Material	normation	Wen Groun	Amount		From T	-
						3 Cub	ic yards	0 ft. 23	30 ft.
			Nearest Ki	iown Source o	of Contamina	tion			
				feet	Direction	_			Туре
			-	fected upon co	mpletion?	Y	les [	No	
			Pump Manufactur	er's name	Installed	Date Inst	alled		
			Model Num		HF		Vo		
			Length of d		ft Capa	city	g.p.	Тур	
			Abandoned Does prope	ty have any not	in use and not se	aled well(s)?		Yes	No
			Variance	-, nave any not	ope and not st	alea weat(s)!		L I CS	
				ace granted from	the MDH for th	us well?	Г	Yes	No
			Miscellane				L.		
			First Bedroo		u Chien Group	0	Aquifer	Jordan	
			Last Strat	Jordan Sa	,		Depth to Be		ft
			Located by		nesota Geologi	ical Survey			
			Locate Meth	Digit	tized - scale 1:				
			System		D83, Zone 15, M		X 5315		
				ber Verification	Infor	mation from	l Inj	put Date 01/	/01/1990
			Angled Dri	u Hole					
			Well Contr						
			Cannon V Licensee			2524		SCHRAM	
			Liceusee	Juameas		Lic. or Reg.	140.	Name of D	niler
port			120185						m 06/04/2020 HE-01205-1

Minnesota Unique Well Number 526971

County Goodhue Quad Goodhue Quad ID 69B

	Township	Range	Dir	Section	Subse	ction
	111	15	W	9	CDDB	DD
1112	Elev. Me	thod	7.5 min	ute topogra	phic map	(+/- 5 feet)
				-		
F	WY 58 BL	GOODHI	IE MN	55027		
		doobiit		55027		
Infor	mation					
		From	To (	ft.) Co	lor	Hardness
		0	54	YE	LLOW	SOFT
		54	290	YE	LLOW	HARD
		290	310	BR	OWN	SOFT
		310	380	GP	AY	MEDIUM
	Infor ateria	111 1112 Elev. Me HWY 58 BL ( Information aterial	111 15 1112 Elev. Method HWY 58 BL GOODHU Information aterial From 0 54	111 15 W 1112 Elev. Method 7.5 min HWY 58 BL GOODHUE MN Information aterial From To ( 0 54 54 290	111 15 W 9 1112 Elev. Method 7.5 minute topogra HWY 58 BL GOODHUE MN 55027 Information aterial From To (ft.) Co 0 54 YE 54 290 YE	111     15     W 9     CDDB       1112     Elev. Method     7.5 minute topographic map       HWY 58 BL GOODHUE MN 55027       Information       aterial     From To (ft.)       0     54       YELLOW       54     290       YELLOW

Remarks

#### MINNESOTA DEPARTMENT OF HEALTH WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date 09/16/1993 Update Date 02/14/2014 **Received Date** 

Well Depth 380 ft.	Depth Completed 380 ft.		te Well Completed	
1	380 ft. specified Rotary		15/1993	
Use domestic	poontou Rotary	Drill Fluid	Foam Status	Active
Well Hydrofractured?	Ver [] N			Active
	Yes No	From Joint	10	
Drive Shoe? Yes		Above/Bel	Weided	
Casing Diameter	Weight		Hole Diamete	er
4 in. To 325 ft	. lbs./ft.		12 in. To	54 ft.
8 in. To 54 ft	. lbs./ft.		8 in. To 4 in. To	325 ft.
			4 in. To	380 ft.
Open Hole From		-		
Screen?	1 <u>325</u> fl. <b>Type</b>	To Mal	380 ft. ke	
	1751			
Static Water Level				
	surface	Measure	06/15/1993	
Pumping Level (belo	w land surface)			
180 ft. h	rs. Pumping at	50	g.p.m.	
Wellhead Completion				
Pitless adapter manufact	WILL WI		Model SU4X6	5.5
	nmental Wells and Bor	above grade	9	
Grouting Information	Well Grouted?	X Yes	No Not S	pecified
Material	Amo	unt	From T	0
neat cement	8	Cubic yard	ls 0 ft. 32	25 ft.
Nearest Known Sour	ce of Contamination			
<u>100</u> feet	West Direction		Septic tank/drain f	ield Type
Well disinfected upor	- L	Yes	No No	
Pump Manufacturer's name		te Installed	06/21/1993	
	GRUNDFOS 550-26 HP <u>5</u>		Volt 230	
Length of drop pipe	20020	<u>35</u> g.p.	Typ Submers	ible
Abandoned				
	not in use and not sealed w	ell(s)?	Yes	No No
Variance Was a variance granted	from the MDH for this wel	1?	Yes [	No
Miscellaneous				
T	e Du Chien Group	-	fer Jordan	0
Jorda	n Sandstone /innesota Geological St		o Bedrock 54	ft
	igitized - scale 1:24,000		Digitizing Table)	
System UTM -	NAD83, Zone 15, Meters	X 5	30031 Y 491	9464
Unique Number Verifica	tion Information	1 from	Input Date 05/	28/1996
Angled Drill Hole				
Well Contractor				
Kimmes-Bauer		19521	MILLER	, M.
Licensee Business	Lic. o	r Reg. No.	Name of Dr	
0.71				
971			Printed o	n 06/04/2020
				HE-01205-15

\*These are recommendations and are not intended to meet the requirements of a site specific SWPPP for an NPDES Storm Water Discharge Permit.

#### Description of the site:

The site is currently cropland. The project consists of construction of a cattle confinement operation with a deep pit. After construction, the area surrounding pit will be planted to grass.

#### Construction Sequence and Best Management Practices (BMP's)

- 1. The construction site shall be planted to grass (or cover crop) prior to commencement of construction. See Grass Seeding Guidelines.
- 2. Areas not to be disturbed during construction shall be staked and marked. Considerable rain water and sediment can be trapped on areas planted to grass and not compacted by construction traffic.
- 3. Install silt fence as shown on the site plan as needed to prevent erosion.
- 4. All drive entrances shall be protected with rock. Install road culvert(s) as per highway department specifications.
- 5. Build a berm to prevent field water from entering the construction site. Make berm 18-24" high with 3:1 side slopes. Use loose top soil from the barn area. A berm is an alternative to using silt fence. The loose soil will absorb a lot of water. Construct the berm on the contour with no channel on the up-hill side of the berm.
- 6. Temporary stockpiles shall have silt fence or other effective sediment controls and cannot be placed in stormwater conveyances, ditches or grass waterways.
- 7. Dewatering of pits and basins shall be done in a manner that does not cause nuisance conditions or discharge onto down-slope property. Rain and ground water in pit excavations shall not be allowed to flow direct into open tile, unless the tile inlet has silt fence or other protection or the perimeter tile is installed and covered with pea rock or crushed rock.
- 8. After backfilling and final grading is done, those areas shall be planted to grass. Slopes steeper than 5:1 shall be mulched. All seeding and mulching operations shall commence within 1 week after completion of each portion of the construction or as soon as soil conditions permit. See Grass Seeding Guidelines.
- 9. After berms are removed and backfill around barns is re-graded (the following spring) those areas shall be re-seeded to grass.
- 10. Final stabilization is achieved when soils have been stabilized by a uniform perennial vegetative cover over at least 70% of the pervious area, and all drainage ditches and grass waterways have been stabilized, then the silt fence may be removed.
- 11. The Owner shall keep the plans and records on file for a minimum of six (6) years.

#### Maintenance of BMP's

- 1. Owner shall inspect all BMP's weekly and within 24 hours after each rain event of 1/2" or more in 24 hours.
- 2. Silt shall be removed from behind silt fences within 24 hours of when the depth reaches 1/3 the height of the fence.
- 3. Mud and crushed rock are tracked onto public roads, it shall be removed within 24 hours.
- If sediment escapes the site, off-site accumulations must be removed in a manner and frequency sufficient 4 to minimize off-site impacts.

Assignment of Responsibilities for Execution of the SWPPP

#### STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

- 1. Owner shall be responsible for execution, inspection, record keeping and up-dating The SWPPP as Plan Record.
- and supervise proper maintenance of erosion and sediment control practices.
- 3. Earthwork Contractor shall be responsible for implement, manage and maintain both temporary and site.
- 4. Owner shall be responsible for seedbed preparation, planting and mulching operations prescribed by the SWPPP.
- 5. Changes to the SWPPP shall be approved and recorded by Owner prior to implementation.

#### Grass Seeding Guidelines

All inplace topsoil shall be salvaged to the maximum extent possible. It is ideal to place 6 inches of top soil in areas to be seeded. Harrowing before and packing with roller after planting will help germination, make the ground smoother and easier to mow. Seeding mixture and rates are recommendations based on DOT specs. Fertilizer is important for quick growth. Mixtures 250 and 280 can be mowed.

Temporary seeding: Fertilizer 10-10-20 at 200 lbs/acre.

- more.
- as backfill around barns.

Turf and agricultural grasses: Fertilizer 20-10-20 at 350 lbs/acre. General Roadside mix.

Brome grass, smooth Bluegrass, Kentucky "Certified Park" Bluegrass, Canada Switch grass Wheat-grass, slender Rye-grass, perennial Timothy Redtop Alfalfa, creeping White clover Total

Agricultural Roadside mix.

Alfalfa, creeping Brome grass, smooth Redtop Rye-grass, perennial Switch grass Timothy Wheat-grass, slender Total

required in Appendix C of the NPDES Feedlot Permit. See form for the Storm Water Pollution Prevention

2. Owner shall inspect all BMP's weekly and within 24 hours after each rain event of 1/2" or more in 24 hours

permanent erosion and sediment control BMP's (except seeding) until final grading has been completed on

· Oats at 100 lbs/ac for spring/summer seeding of areas that will be left undisturbed for 21 days or

· Winter wheat at 100 lbs/ac for fall seeding of areas that will be disturbed again in the spring, such

9.8 lb	s/ac 14.0%
20.3	29.0
9.8	14.0
2.1	3.0
2.8	4.0
14.7	21.0
2.1	3.0
2.1	3.0
4.2	6.0
2.1	3.0
70 lb/	ac
15 lb/	ac 30.0%
10	20.0
3	6.0
15	30.0
2	4.0
2	4.0
3	6.0
50 lb/s	ac

#### **OPERATION, INSPECTION AND MAINTENANCE PLAN**

#### NEED FOR OPERATION, INSPECTION AND MAINTENANCE PLAN

Although this Waste Storage Structure has been designed in accordance with MPCA recommendations and its based upon the best available technical knowledge, it must be recognized that any Waste Storage Structure needs to be properly maintained, including periodic inspection. You, the Owner, are responsible for this Waste Storage Structure. The following guidelines for safe operation and maintenance are recommended.

- (1) routine inspections, maintenance and record keeping to be completed to identify and document damage to the liner.
- (2) methods to be used to repair areas of damaged liner;
- (3) methods used to monitor the liquid level in the basin to evaluate proper operation and adequate available storage capacity; and
- (4) routine inspections of perimeter tile line outlets and inspection manholes to ensure proper operation of the system.

Annually, the liquid will be mixed and removed for land application. Liquid level in the pit(s) shall be monitored quarterly (4 times per year) and after any water line breaks or abnormal additions to the pit. The level shall be measured using a rod or wood stick and the depth recorded.

#### SEMI-ANNUAL INSPECTION OF LIQUID STORAGE AND HANDLING SYSTEMS

Establish a time each spring and fall for a thorough inspection of the liquid storage and handling systems. DO NOT ENTER COVERED PITS & TANKS.

All concrete storage tanks and reception pits shall be inspected to evaluate the outside of structures for cracks and deterioration of concrete. Any cracks showing discharge of liquid shall be inspected by an engineer and repairs done as prescribed by the engineer.

Maintain the following in proper working order:

- 1) Finish earthwork around the structure should be designed to carry runoff away from the foundation. Rainwater diversions to direct 'clean' water away and 'dirty' water into storage facilities. Grass should be established in those areas not covered by concrete and gravel.
- 2) Childproof covers must be placed upon the pumpouts. Open pumpouts should never be left unattended.
- 3) Warning signs shall be posted to prevent children and others from using the pit other than the intended use.
- 4) Animal wastes shall be handled and utilized as specified in the Manure Management Plan.
- 5) The Waste Storage Structure requires continuous ventilation to safely remove poisonous and noxious gases. Manure agitation will release large amounts of gas and may create a hazardous situation. Ensure that the ventilation fans are operating before agitation and, if possible, evacuate the building.
- Manure pits that contain bearing divider walls should be emptied using a modified pumping plan. All manure sections should be partially emptied to prevent possible divider wall failure. Removal of about 3' of manure is recommended from each section before complete emptying of any one section is undertaken.
- 7) No person should enter a Waste Storage Structure without proper training and without wearing a selfcontained breathing device. A second person should remain outside of the structure and should have an immediate means of removing the person inside the structure in an emergency.
- 8) Regular quarterly inspections should be made of the structure and its surroundings for leaks, concrete deterioration and pumpout cover conditions. Inspection of the slats for signs of deterioration is advised
- 9) Concrete should be inspected for large cracks and exposed reinforcing steel. Joints should be checked for unusual openings.
- 10) Concrete surfaces should be quarterly inspected for erosion, scaling and exposed reinforcing steel

- 11) Perimeter tile, sump pumps, sampling ports and rodent guards at outlets.
- surface.
- 13) The beam and flooring system is designed for animal loads only. Do not operate any equipment on this surface.

#### RECORDS

Record the inspections, evaluations and maintenance done in a spiral bound notebook. Also take and date pictures before and after any maintenance work is done on cover and liquid storage and handling facilities.

### PERIMETER TILE MONITORING AND CONTINGENCY PLAN

### INSPECT PERIMETER TILE AT LEAST ONE WEEK BEFORE EMPTYING STORAGE

All below ground waste storage structures require perimeter tile to relieve the hydrostatic pressures which would otherwise damage the sides of the concrete tanks and manure storage pits under barns. There is a serious problem if the water level in the sump or inspection port is above the pit floor.

It is very important that the ground water level be lowered prior to emptying the manure storage pit. It may take a week or more for the system to lower the ground water pressure once the problem has been corrected.

#### BASE LINE SAMPLING

It is recommended that base line sampling be done before manure is put in the storage facility to document any pre-existing contamination that may be in the soil. This is especially important if the site is in an old barnyard area or has received heavy applications of manure for many years.

Base line samples should be collected at least two (2) times prior to the addition of manure into the waste storage structure. If there is no flow from the tile, sampling shall begin as soon as water is available for sampling. Each 'base line' sampling event shall be scheduled at least two (2) weeks apart.

- 1. The Owner shall contract with an independent laboratory to collect and analyze the samples. The parameter, method used, results, units.
- 2. The water quality parameters to be monitored are:

Total Kieldahl Nitrogen Nitrite Nitrogen Dissolved Oxygen Sulfate Fecal Coliform Temperature Flow (as determined by time to fill 5 gallon pail)

### CHANGE IN TILE WATER COLOR OR ODOR

If visual observation of the tile water indicates a change in color or odor, then a more urgent response is necessary. A change in color or odor may be caused by either soil and/or manure water. If this should occur, immediately stop all discharge to field tile. Notify the MPCA or Engineer immediately.

Install a sump pump and discharge the tile water onto a vegetated filter strip area. If necessary, plug the line going to field tile with bentonite 'chips'. Bentonite chips may be obtained from your well driller.

12) The structure walls are designed to resist earth loads only. Do not operate any equipment on this

14) If, during the inspection, serious defects are discovered, remedial actions may be required. The County Feedlot Officer and Engineer should be contacted and possible the MPCA.

laboratory must be certified. The laboratory report shall include: Chain of custody record, date,

Nitrate Nitrogen Ammonium Nitrogen Chloride Total Phosphorus DН Specific Conductivity

# **Goodhue County Land Use Management**

Goodhue County Government Center | 509 West Fifth Street | Red Wing, Minnesota 55066

Lisa M. Hanni, L.S. Director

Building | Planning | Zoning Telephone: 651.385.3104 Fax: 651.385.3106



County Surveyor / Recorder

Environmental Health | Land Surveying | GIS Telephone: 651.385.3223 Fax: 651.385.3098

To:Planning Advisory CommissionFrom:Land Use ManagementMeeting Date:June 15, 2020Report date:June 5, 2020

#### <u>PUBLIC HEARING: CUP Request for Commercial/Industrial Use Primarily Intended</u> to Serve the Ag. Community

Request for a Conditional Use Permit, submitted by Carl Fox (Applicant) and Aaron Witmer (Owner), to operate a milking equipment parts and equipment storage, repair and sales business in the A-3, Urban Fringe District.

#### **Application Information:**

Applicant: Carl Fox (Applicant) and Aaron Witmer (Owner) Address of zoning request: TBD HWY 58 BLVD, Zumbrota, MN 55992 Parcel(s): 47.030.1600 Abbreviated Legal Description: Part of the E ½ of the NW ¼ of Section 30 TWP 110 Range 15 in Zumbrota Township Township Information: Zumbrota Township sent an email to staff acknowledging the Applicants' request. Zoning District: A-3 Urban Fringe District

#### Attachments and links:

Application and submitted project summary Site Map(s) Goodhue County Zoning Ordinance (GCZO): http://www.co.goodhue.mn.us/DocumentCenter/View/2428

#### Summary:

Carl Fox is requesting a Conditional Use Permit to establish a milking equipment parts and equipment storage, repair and sales business in an existing structure on property owned by Aaron Witmer in Zumbrota Township.

All Commercial/Industrial uses primarily intended to serve the agriculture communities in Goodhue County are required to obtain a Conditional Use Permit.

#### **Project Summary:**

#### **Property / Building Information:**

- The subject property is approximately 7.83 acres and is owned by Aaron Witmer. Mr. Witmer also owns an approximately 1.35 acre parcel (PID 72.120.0430) directly south of the proposed site in the City of Zumbrota.
- The existing building to be rented by Mr. Fox is 40-feet by 60-feet (2400 square feet).
  - The property is bordered by A-3 zoned properties to the north, east and west; the City of Zumbrota is directly south of the property. Adjacent land uses include low-density residential and agricultural uses including row crop agriculture in the A-3 districts and medium-density residential in the City limits.
  - No new structures will be constructed on the parcel for the proposed business use.
  - Solid waste disposal services will be provided by a local professional business.

- A 4' x 6' sign is proposed to be installed along Highway 58. The proposed size meets Goodhue County Zoning Ordinance sign requirements for business/industrial uses intended to serve the ag. communities.
- No additional exterior lighting is proposed for the business. There are existing lights on the building's south and east sides.
- Exterior storage is proposed on a pipe rack on the north side of the existing structure (see proposed site plan). The proposed size of the rack is 4' wide by 20' long by 8' high. An existing building north of the structure provides screening of the area from vehicles southbound on Highway 58 and from any neighboring parcels to the north.

The Planning Commission should consider if additional screening of exterior storage is warranted.

#### **Business Information:**

- There are two existing structures on site. The Applicant proposes to rent only the south building for a milking equipment storage and repair business. The building would also house a small office and retail space. The building would also house a 24-feet by 28-feet (672 square feet) retail space and a 12-feet by 24-feet (288 square feet) office.
  - Deliveries will be loaded and off-loaded on site near the existing building. The Applicant noted that large products may be delivered to the site no more than two times per month.
  - Primary hours of operation are proposed to be year-round, Monday through Friday from 8:00 AM to 5:00 PM.
  - The applicant proposes to have 5 employees. Employees will mostly work off-site performing repair work on milking equipment at farms.
  - No equipment creating excessive noise, odor or dust will be used for the business as most repair work would be conducted off-site.
  - No traffic beyond that which is reasonable for the local transportation network is anticipated.
  - The business would occasionally have customers come to the site to purchase items in the retail store.
  - Parcel access is located off of Highway 58 on the east side of the property. Highway 58 is a MNDOT asphalt-surfaced roadway. *MNDOT District 6 has been notified of the proposed conditional use permit and staff will update the Planning Commission with any comments received.*

The driveway crosses Mr. Witmer's property in the City of Zumbrota to access the north parcel in Zumbrota Township. Mr. Witmer has signed a letter permitting access to the business over his 1.35 acre parcel. The 7.83-acre parcel has adequate road frontage along Highway 58 if a new access is needed in the future. The Applicant would need to request access approval from MNDOT to establish a new access drive if necessary. The driveway will need to meet Goodhue County Zoning Ordinance standards for driving surface width of 10 feet.

- No traffic beyond that which is reasonable for the local transportation network is anticipated. Adequate emergency vehicle access is available to service the facility.
- The Zoning Administrator has calculated that a minimum of 5 off-street parking spaces are required. Upon completion of a gravel parking area, ample room will exist on the parcel to fulfill off-street parking and loading/unloading requirements.
- Zumbrota Township has sent an email to staff acknowledging the proposed business, noting that their acknowledgement is not an approval or disapproval of the project. *The City of Zumbrota has been contacted and staff will update the Planning Commission with any comments received from the city*.

#### Draft Findings of Fact:

The following staff findings shall be amended to reflect concerns conveyed during the PAC meeting

#### and public hearing.

- 1. The proposed business does not appear injurious to the use and enjoyment of properties in the immediate vicinity for uses already permitted, nor would it substantially diminish and impair property values in the immediate vicinity. The proposed business will be conducted inside an existing structure. A significant increase in traffic is not anticipated as business activities are mostly conducted off-site.
- 2. The establishment of the proposed business is not anticipated to impede the normal and orderly development and improvement of surrounding vacant property for uses predominant to the area. The use is proposed to meet all development standards of the Goodhue County Zoning Ordinance and the majority of the business operations will be confined within the proposed structure. The use as proposed appears compatible with existing adjacent land uses.
- 3. A review of the applicant's submitted project summary indicates adequate utilities, access roads, drainage and other necessary facilities are available to accommodate the proposed use.
- 4. The Applicant has provided a proposal to provide sufficient off-street parking and loading space to serve the proposed use and meet the Goodhue County Zoning Ordinance's parking requirements.
- 5. The business will be conducted primarily within the existing structure to prevent and control offensive odor, fumes, dust, noise, and vibration so that none of these will constitute a nuisance.

Staff recommendation is based on the review of the submitted application and project area prior to the public hearing.

#### Staff Recommendation:

LUM Staff recommends the Planning Advisory Commission

- adopt the staff report into the record;
- adopt the findings of fact;
- accept the application, testimony, exhibits, and other evidence presented into the record; and

Recommend that the County Board of Commissioners **APPROVE** the request from Carl Fox (Applicant) and Aaron Witmer (Owner) for a CUP to establish a business primarily serving the ag. community.

Subject to the following conditions:

- 1. Activities shall be conducted according to submitted plans, specifications, and narrative unless modified by a condition of this CUP;
- 2. Primary hours of operation shall be year-round, Monday through Friday, 8:00 AM to 5:00 PM;
- 3. On-street parking shall be prohibited;
- 4. On-street loading or off-loading shall be prohibited;
- 5. Compliance with all necessary State and Federal registrations, permits, licensing, and regulations;
- 6. Compliance with Goodhue County Zoning Ordinance including, but not limited to Article 23 A-3, Urban Fringe District; and
- 7. The Applicant should obtain a Building Permit approval from the Goodhue County Building Permits department prior to establishing the use.

	00DHUE COU # <u>47, 030,</u> Perty owner inf							RECEI MAY 27 USI
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ast N	ame Witmer							
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	rized Agent Car	1 Fox			ione			
Mailin	g Address of Landowne ng Address of Agent:	39625	240th Au	ve, Goodh	ue MN	55027		
	JECT INFORMATIC	7/123 67 N	014 54.	Mazeppa	MN 5	5956		
Site A	Address (if different than	above): 200	Walaut	St 7, 1	ot mi	5 5000		
Lot S			mensions (if app		60 feet.	JU172		
	is the conditional/interi			TOX TOX	100 Foot			
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#### GOODHUE COUNTY CONDITIONAL/INTERIM USE PERMIT APPLICATION

#### PROJECT SUMMARY

Please provide answers to the following questions in the spaces below. If additional space is needed, you may provide an attached document.

1. Description of purpose and planned scope of operations (including retail/wholesale activities). we will be using these building for storage and retail of milking

equipment and dairy supplies.

Planned use of existing buildings and proposed new structures associated with the proposal.

Buildings will be used for warehouse space and a small store

andoffice

3. Proposed number of non-resident employees.

4. Proposed hours of operation (time of day, days of the week, time of year) including special events not within the normal operating schedule.

normal hours would be 8 to 5 monday to friday.

employees will stop to pick accassionally costomers or 5. Planned maximum capacity/occupancy.

Traffic generation and congestion, loading and unloading areas, and site access. of huy 58 to access the buildings we will used the drive off

see attached map. traffic will be about 5-10 vehicles per day

7. Off-street parking provisions (number of spaces, location, and surface materials). gravel parking area in front of building for 4 vehicles

8. Proposed solid waste disposal provisions. Advanced Aisposal dupster by .

9. Proposed sanitary sewage disposal systems, potable water systems, and utility services. We are not proposing using any sewage or water system. Electricity is supplied by Excel energy



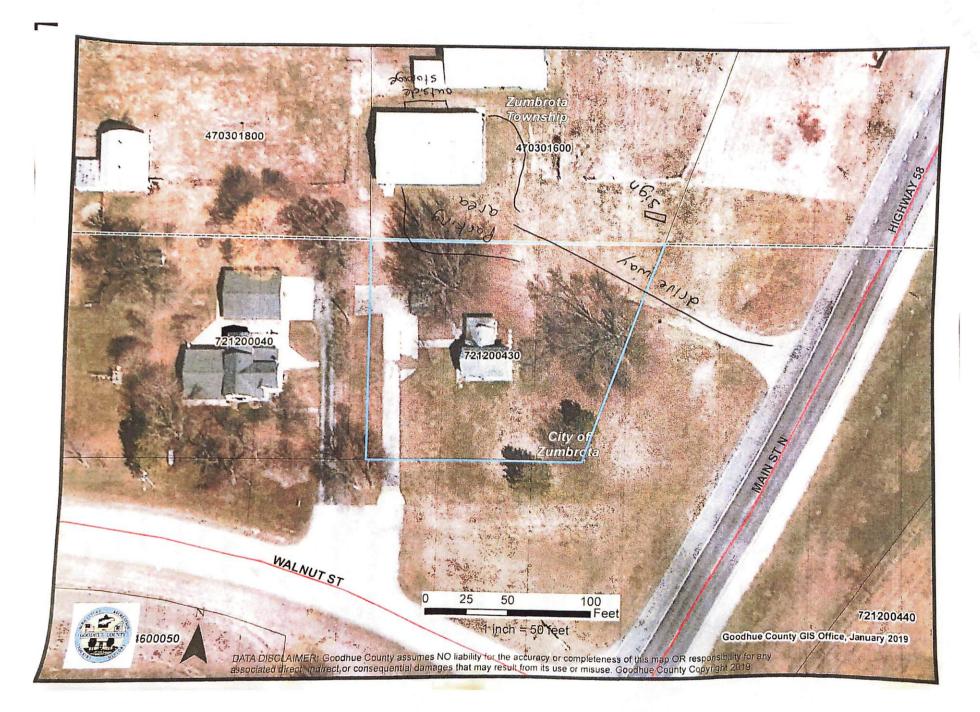
10. Existing and proposed exterior lighting. Existing building has a light on the south and cast sides
we will not be adding any more lights
11. Existing and proposed exterior signage. <u>Eucrently there is no signage we are proposing one lighted</u>
4×6 sign along hwy 58 and a banner on the south side of the building
12. Existing and proposed exterior storage. None exist, we are proposing a pipe rack on the north side of
the building 4 ft. wide 20 ft. long 8 ft. high
13. Proposed safety and security measures. We will not use any security system
14. Adequacy of accessibility for emergency services to the site. The property is easily accessed from 58 or walnut st.
15. Potential for generation of noise, odor, or dust and proposed mitigation measures. <u>Generation of noise, dust or odor will be very minamal</u>
16. Anticipated landscaping, grading, excavation, filling, and vegetation removal activities. We will be adding gravel to the drive way
17. Existing and proposed surface-water drainage provisions. Currently water drains to a culvet under 58. we are not
proposing any changes
18. Description of food and liquor preparation, serving, and handling provisions. we will not be preparing or serving food atthis site
19. Provide any other such information you feel is essential to the review of your proposal.

To Whom this may concern;

I Aaron Witmer, owner of property at 206 Walnut St. Zumbrota, MN do hereby give permission for Milker Medic business to use the east driveway of my property at said address to access the premises adjacent at parcel no. 47.030. 1600 to the north to be used for their Milker Medic business.

Caron Witness 5-26-20

**Aaron Witmer** 



### MAP 01: PROPERTY OVERVIEW



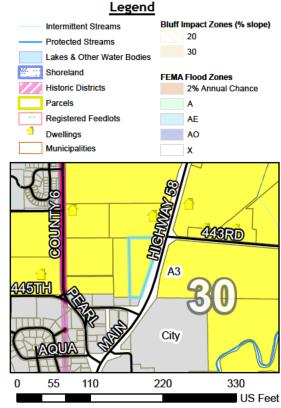
#### PLANNING COMMISSION

Public Hearing June 15, 2020

Carl Fox (Applicant) and Aaron Witmer (Owner) A-3 Zoned District

Part of the E 1/2 of the NW 1/4 of Section 30 TWP 110 Range 15 in Zumbrota Township

Request for CUP to operate a milk truck parts and equipment storage, repair and sales business



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2018 Aerial Imagery Map Created May, 2020 by LUM



### MAP 03: ELEVATIONS



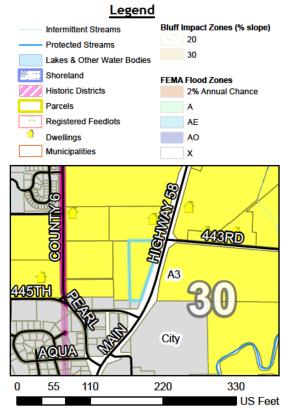
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### MAP 02: VICINITY MAP



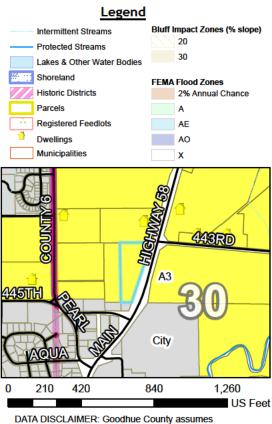
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2018 Aerial Imagery Map Created May, 2020 by LUM











## **Goodhue County Land Use Management**

Goodhue County Government Center | 509 West Fifth Street | Red Wing, Minnesota 55066

Lisa M. Hanni, L.S. Director

Building | Planning | Zoning Telephone: 651.385.3104 Fax: 651.385.3106



County Surveyor / Recorder

Environmental Health | Land Surveying | GIS Telephone: 651.385.3223 Fax: 651.385.3098

To:Planning Advisory CommissionFrom:Land Use ManagementMeeting Date:June 15, 2020Report date:June 5, 2020

#### <u>TABLED: Consider Text Amendments to Articles 10 (Definitions), 11 (Performance</u> <u>Standards), 20 (Table of Uses), 25 (B1 Zoning District), 27 (B2 Zoning District), and 28</u> <u>(Industrial Zoning District)</u>

Consider proposed text amendments to Goodhue County Zoning Ordinance to allow "Exterior Storage Yards" as a permitted use in the B-1 (General Business District), B-2 (Highway Business), and Industrial Districts and to consider the use in the A-1 (Agriculture Protection), (A-2 (General Agriculture) and A-3 (Urban Fringe) Districts.

#### Attachments and links:

LUM Staff proposed Exterior Storage Yards Definition and Performance Standards Goodhue County Zoning Ordinance (GCZO): http://www.co.goodhue.mn.us/DocumentCenter/View/2428

#### Summary:

At the May 18, 2020 Planning Commission Meeting the Commission tabled consideration of staff's proposed "Exterior Storage Yard" Zoning Ordinance text amendment. The discussion was tabled to allow the Planning Commission additional time to review staff's proposed language as well as time for staff to provide additional standards for consideration of the use in the Agriculture Districts and additional time to review public comments. Staff's proposed Exterior Storage Yard amendments were developed after extensively researching the adopted language in adjacent counties as well as zoning jurisdictions throughout the country.

Staff has prepared additional information for the Planning Commission to consider for "Exterior Storage Yards" in Agriculture Districts.

#### Staff Recommendations:

LUM Staff recommends the Planning Advisory Commission

- adopt the staff report into the record;
- accept the application, testimony, exhibits, and other evidence presented into the record; and

recommend that the County Board of Commissioners **APPROVE** Staff's recommended proposed "Exterior Storage Yards" text amendments.

### **ARTICLE 10 WORD USAGE AND DEFINITIONS**

#### **Option 1:**

**EXTERIOR STORAGE YARDS.** An outdoor facility designed and used for the orderly storage of operable recreational vehicles, boats, vehicles, or similar items.

#### **Option 2:**

**EXTERIOR STORAGE YARDS.** An outdoor facility designed and used for the orderly storage of 10 or more operable recreational vehicles, boats, vehicles, or similar items.

### ARTICLE 11 PERFORMANCE STANDARDS

#### Section 33. EXTERIOR STORAGE YARDS

- Subd. 1. Exterior Storage Yards shall comply with the following standards:
  - A. The parcel must meet or exceed the minimum size standards for the applicable zone.
  - B. The site shall not be located within Wetland, Floodplain, or Blufflands.
  - C. All equipment, vehicles, and activities associated with Exterior Storage Yards shall be required to meet all setbacks for the applicable zone.
  - D. Storage of hazardous wastes or materials is prohibited.
  - E. Use of Exterior Storage Yards for equipment servicing or repair, retail sales, processing, or manufacturing is prohibited.
  - F. Exterior Storage Yards shall be screened from view of any public street, residence, or adjoining Residential Districts (R, CS, MXH) with landscaping, berming, and/or fencing to a minimum 6 feet in height above original grade.
  - G. All lighting shall be downward-projecting or shielded to prevent light from being directed off the premises.
  - H. All areas for storage shall be surfaced with aggregate, asphalt, or similar material.
  - I. A landscaping and drainage plan detailing adequate provisions for stormwater control and erosion prevention shall be provided.
  - J. Daily hours of operation shall be limited to 7:00 AM to 9:00 PM.
- Subd. 2. Exterior Storage Yards within the A-1, A-2 or A-3 Districts shall comply with the following additional standards:
  - A. Maximum Exterior Storage Yard area shall not exceed 2 acres.
  - B. No more than one Exterior Storage Yard shall be permitted per parcel.
  - C. The routes and conditions of local transportation networks will be part of the review process to determine if they are capable of supporting the proposed use without appreciably diminishing traffic safety along primary access routes. When appropriate, the applicant shall bear the costs of required dust mitigation measures.

	e									
	<mark>A-1</mark>	<mark>A-2</mark>	<mark>A-3</mark>	R-1	B-1	B-2	I	CR	мхн	CS
Exterior Storage Yards	l	l	l	NP	Р	Р	Р	C/I	NP	NP

#### **PERMITTED USES:** Exterior Storage Yards shall be allowed as shown in the table below.

**KEY:** P = Permitted Use C = Conditional Use Permit I = Interim Use Permit NP = Use not permitted in the district