



# GOODHUE COUNTY MINNESOTA

TO EFFECTIVELY PROMOTE THE SAFETY, HEALTH, AND WELL-BEING OF OUR RESIDENTS

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

## Virtual Meeting Notice

Virtual Meeting Notice: The Goodhue County Board of Adjustment will be conducting a meeting on January 25th, 2021 at 5:00 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/426791997> or calling 1-877-568-4106 beginning at 4:50 PM or any time during the meeting. Access Code: 426-791-997

Public Comments: Interested persons must submit comments by phone, in writing, or via email until noon on Monday, January 25th, 2021. To submit your comments please email them to [samantha.pierret@co.goodhue.mn.us](mailto:samantha.pierret@co.goodhue.mn.us) or mail them to the Land Use Management Department at 509 West 5th 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.

## Call Meeting To Order

### Approval Of Current Agenda

### Approval Of Previous Month's Meeting Minutes

1. November 16, 2020 BOA Minutes

#### Documents:

[MINUTES\\_NOVEMBER\\_BOA\\_DRAFT.PDF](#)

### Appointment Of Chair And Vice-Chair

### Conflict/Disclosure Of Interests

### PUBLIC HEARING: Request For Variance To Setback Standards

Request for Variance, submitted by Dan Bauer (Owner) to Shoreland setback standards to construct a cattle shed addition less than 100 feet from the Ordinary High Water Mark of a public watercourse. Parcel 38.033.0700. 45451 145th AVE Zumbrota, MN 55992. Part of the SE ¼ of the NW ¼ of Section 33 TWP 110 Range 16 in Minneola Township.

#### Documents:

[BOAPACKET\\_BAUER\\_REDACTED.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 ◆ Fax: 651/385-3106 ◆

**BOARD OF ADJUSTMENT  
GOODHUE COUNTY, MN  
November 16th, 2020 MEETING MINUTES  
DRAFT**

---

The meeting of the Goodhue County Board of Adjustment was called to order at 5:00 PM by Chair Knott virtually via GoToMeeting with staff members present at the Goodhue County Government Center Basement IT Conference Room.

**Roll Call**

Commissioners Present virtually via GoToMeeting: Daniel Knott, Rich Ellingsberg, Darwin Fox, Robert Benson and Denny Tebbe

Commissioners Absent: None

Staff Present: Land Use Director Lisa Hanni (virtually via GoToMeeting), Zoning Administrator Ryan Bechel and Zoning Assistant Samantha Pierret

**1. Approval of Agenda**

<sup>1</sup>Motion by **Fox**, and seconded by **Benson** to approve the meeting agenda.

*Motion carried 5:0*

**2. Approval of Minutes**

*Chair Knott noted an error on page three of the October meeting minutes regarding the motions. Staff noted they would correct this error.*

<sup>2</sup>Motion by **Tebbe** and seconded by **Benson** to approve the previous month's meeting minutes as corrected.

*Motion carried 5:0*

**3. Conflict/Disclosure of Interest**

*Commissioner Ellingsberg noted he is close neighbors to the Ostertags but does not feel that there is a conflict of interest.*

**4. Public Hearings:**

**PUBLIC HEARING: Request for Variance to Feedlot Setback Standards**

Request for Variance, submitted by Benjamin and Dana Ostertag (Owners/Operators), to Article 13 (Confined Feedlot Regulations) setback standards to allow establishment of a new Feedlot within 1000 feet of existing dwellings. Parcel 36.012.0800. 5163 480<sup>th</sup> Street, Kenyon, MN 55946. Part of the SW 1/4 of Section 12 TWP 109 Range 18 in Kenyon Township. A1 Zoned District.

*Pierret presented the staff report and attachments.*

**Chair Knott opened the Public Hearing.**

*Staff read an email received prior to the meeting:*

*Cory Loudy (neighboring property owner) questioned the variance request given past County regulations regarding feedlots.*

*Chair Knott questioned who the commenter was.*

*Staff confirmed the commenter was Cory Loudy who received a public hearing notice.*

*Commissioner Ellingsberg clarified the location of Mr. Loudy's property.*

**BOARD OF ADJUSTMENT  
GOODHUE COUNTY, MN  
November 16th, 2020 MEETING MINUTES  
DRAFT**

---

**<sup>3</sup> After Chair Knott asked three times for comments it was moved by Fox and seconded by Benson to close the public hearing.**

***Motion carried 5:0***

*Commissioner Tebbe questioned the number of animals that could be registered on the site.*

*Bechel stated the A-1 Zoning District allows for 500 animal units before a Conditional Use Permit is required. He noted the Applicants have requested 100 head of cattle or 102.5 Animal Units.*

**<sup>4</sup>Motion by Benson, seconded by Fox, for the Board of Adjustment to:**

- 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

**APPROVE** the request for variance, submitted by Benjamin and Dana Ostertag (Owners/Operators) to Article 13 (Confined Feedlot Regulations) setback standards to allow a new feedlot to be established no closer than 475 feet from two existing dwellings.

***Motion carried 5:0***

**ADJOURN**

**<sup>5</sup>Motion by Tebbe, seconded by Benson to adjourn the BOA meeting at 5:24 PM.**

***Motion carried 5:0***

Respectfully submitted:

Samantha Pierret, Goodhue County Zoning Assistant

MOTIONS

---

<sup>1</sup> APPROVE the meeting agenda. Motion carried 5:0

<sup>2</sup> APPROVE the previous meeting's minutes as corrected. Motion carried 5:0

<sup>3</sup> Close the Public Hearing. Motion carried 5:0

<sup>4</sup> APPROVE the request for variance to allow a new feedlot within 1000 feet of two dwellings. Motion carried 5:0

<sup>5</sup> ADJOURN. Motion carried 5:0

# 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:** Board of Adjustment  
**From:** Land Use Management  
**Meeting Date:** January 25, 2021  
**Report date:** January 15, 2021

**PUBLIC HEARING:** Request for Variance, submitted by Dan Bauer (Owner) to Shoreland setback standards to construct a cattle shed addition less than 100 feet from the Ordinary High Water Mark of a public watercourse.

### **Application Information:**

Applicant: Dan Bauer (Owner)  
Address of zoning request: 45451 145<sup>th</sup> AVE Zumbrota, MN 55992  
Parcel: 38.033.0700  
Abbreviated Legal Description: Part of the SE 1/4 of the NW 1/4 of Section 33 TWP 110 Range 16 in Minneola Township.  
Township Information: Minneola Township signed acknowledgment of the variance request on December 17<sup>th</sup>, 2020.

### **Attachments and Links:**

Application and submitted project summary  
Site Maps  
Goodhue County Zoning Ordinance:  
<http://www.co.goodhue.mn.us/DocumentCenter/View/2428>

### **Background:**

Dan Bauer (owner), has applied for a variance to Shoreland minimum setback standards to construct a 40-foot x 48-foot cattle shed addition to an existing shed in the southeast corner of his property. The proposed addition would be 87-feet from the Ordinary High Water Mark (OHWM) of a public watercourse where 100 feet is required by Ordinance.

### **Variance Standards:**

Variations shall only be permitted when they are in harmony with the general purposes and intent of the Goodhue County Zoning Ordinance and when consistent with the adopted comprehensive plan. Variations may be granted when the applicant establishes “practical difficulties” exist in complying with the existing official controls. Practical difficulties mean the applicant proposes to use the property in a reasonable manner not permitted by an official control, the plight of the landowner is due to circumstances unique to the property not created by the landowner, and the variance, if granted, will not alter the essential character of the locality. Economic considerations alone do not constitute practical difficulties.

## **Draft Findings of Fact:**

### **1) Harmony with the general purposes and intent of the official control:**

- Goodhue County has adopted state Shoreland regulations (Chapter 103F) by reference in Article 31 of the Zoning Ordinance. Shoreland District setbacks are intended to prevent sediment and nutrient pollution into public water bodies by providing a vegetated area for runoff to be naturally slowed and filtered prior to draining into adjacent waters.
- The Applicant's proposed shed addition would encroach 13-feet into the required 100-foot Ordinary High Water Mark setback for the unnamed creek crossing the property. The shed addition is proposed to relocate the existing open-air cattle feeding area to the covered shed. Doing so would improve manure management and reduce the potential for nutrient and sediment runoff into the adjacent stream.

The request appears in harmony with the purpose and intent of the official control.

### **2) The variance request is consistent with the adopted Comprehensive Plan:**

- The Goodhue County Comprehensive Plan supports animal agriculture operations and the implementation of best management practices for these operations.
- The Comprehensive Plan also prioritizes providing guidance for the responsible development of shorelands of public waters, preserving and enhancing the quality of surface waters.

The proposed cattle shed addition is consistent with the Goodhue County Comprehensive Plan.

### **3) There are “practical difficulties” in complying with the official control (the applicant proposes to use the property in a reasonable manner not permitted by an official control, the plight of the landowner is due to circumstances unique to the property not created by the landowner, and the variance, if granted, will not alter the essential character of the locality):**

- The Applicant is proposing to construct a 40-foot x 48-foot cattle shed addition on the property. There are no size restrictions for agriculture buildings in the A-1 Zoning District.
- The parcel is a conforming size at approximately 30.4-acres in the A-1 Zoning District (2-acre minimum). A majority of the parcel is classified as shoreland along the unnamed public watercourse. A single-family dwelling and associated agricultural buildings are currently on the site.

The property is currently a 48 animal unit registered feedlot with the housing heifers and calves. An increase to the animal unit numbers is not proposed with this project, the shed addition will be used to house existing cattle.

The Applicant's proposal to construct a cattle shed addition is a reasonable use of the existing residential/agricultural property in the A-1 District.

- The Applicant will be required to obtain appropriate permits from the Goodhue County Building Permits Department prior to construction of the addition.
- The land north of the proposed shed addition is occupied by the driveway access to the property. The addition cannot be constructed on the east side of the structure due to Right-of-Way setback requirements from 145<sup>th</sup> Avenue (minimum 60-feet from edge of R-O-W).
- The existing structure to be added onto has a lean-to which is closer to the public watercourse than the proposed addition. There is also an existing barn where the cattle currently reside/feed and silos all less than 100 feet from the OHWM. These structures are legal pre-existing non-conforming buildings.
- The property owner worked with the Goodhue Soil and Water Conservation District and Feedlot Officer during the summer of 2020 to improve manure management on the property and the water quality of the watercourse. Previously, the cattle had 24/7 access to the watercourse.

To reduce sediment and nutrient loading to the stream the applicant implemented the following measures (details found on Site Plan provided by Beau Kennedy, SWCD):

- Concrete was poured creating a cattle lane from the existing cattle feeding area to the proposed addition. A curb was poured on the south side slope and the concrete was sloped away from the watercourse towards a buffer area.
  - An “auto-waterer” was installed in the area of the proposed addition.
  - A concrete ramp was poured along with a concrete spreader northwest of the existing cattle feeding area.
  - Grass buffer areas were installed east and west of the existing feeding area along the watercourse.
  - Permanent fencing was installed creating cattle lanes to the newly paved areas. Fencing was also installed to create an equipment access and cattle lane to access land south of the watercourse.
  - Approximately 1.5 acres of the property around the watercourse is to be seeded and managed as pasture. When conditions are suitable, flash grazing is allowed so long as permanent vegetation is maintained.
- All adjacent land is zoned A-1 (Agriculture Protection District) and is used primarily for row-crop agriculture. Much of the land is also classified shoreland due to the public watercourse traversing the area.

New construction on existing feedlots must meet a 91% odor annoyance free rating from any existing dwelling other than those accessory to a feedlot operation. The nearest dwelling, (owned by Thomas Johnson) achieves an odor annoyance free rating of 99%.

The request appears unlikely to alter the essential character of the locality.

**4) No variance may be granted that would allow any use that is not allowed in the zoning district in which the subject property is located.**

- Agricultural buildings are a permitted use in the A-1 Zoning District. The request does not constitute a use variance.

*The draft Findings of Fact shall be amended to reflect concerns conveyed at the Board of Adjustment meeting and public hearing.*

*The Board should specify the facts and reasons that are the basis of the Board’s determination. In granting a variance, the Board of Adjustment may impose conditions directly related to, and bearing a rough proportionality with, the impact(s) created by the variance.*

**Staff Recommendation:**

- 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

**APPROVE** the request for a variance, submitted by Dan Bauer (owner) to Shoreland setback standards to allow construction of an accessory building addition 87-feet from the Ordinary High Watermark of a public watercourse.

APPLICATION FOR  
**Variance**

RECEIVED

DEC 22 2020

For Staff Use only

VARIANCE NUMBER: 220-0072

\$350 RECEIPT#

DATE 12-22-20

Land Use Management

SITE ADDRESS, CITY, AND STATE <u>45451 145th Ave Zumbrota, MN</u>				ZIP CODE: <u>55992</u>
LEGAL DESCRIPTION:				
Attached <input type="checkbox"/>				
PID#: <u>R38.038.0700</u>	ZONING DISTRICT:	LOT AREA (SF/ACRES):	LOT DIMENSIONS:	STRUCTURE DIMENSIONS (if applicable): <u>40x48 FT</u>

APPLICANT OR AUTHORIZED AGENT'S NAME <u>Hendrik Bauer</u>	
APPLICANT'S ADDRESS: <u>45451 145th Ave Zumbrota, MN 55992</u>	TELEPHONE: [REDACTED]
	EMAIL: [REDACTED]

PROPERTY OWNER'S NAME: Same as Above <input type="checkbox"/> <u>Daniel L. Bauer</u>	
PROPERTY OWNER'S ADDRESS: <u>45451 145th Ave Zumbrota, MN 55992</u>	TELEPHONE:
	EMAIL:

CONTACT FOR PROJECT INFORMATION: Same as Above <input checked="" type="checkbox"/>	
ADDRESS:	TELEPHONE:
	EMAIL:

<b>VARIANCE REQUESTED TO:</b> (check all that apply) <input type="checkbox"/> Road Right-Of-Way Setbacks <input type="checkbox"/> % Lot Coverage <input type="checkbox"/> Property Line Setbacks <input type="checkbox"/> Bluff Setbacks <input type="checkbox"/> Height Limits <input checked="" type="checkbox"/> Shoreland Setbacks <input type="checkbox"/> Lot Width &/or Area <input type="checkbox"/> Other (specify) <input type="checkbox"/> Subdivision Regulations	CURRENT OR PREVIOUS USE:
	PROPOSED USE:
	BUILDING APPLICATION PERMIT NO.: (if filed)
	DATE FILED:

TOWNSHIP SIGNATURE: By signing this form, the Township acknowledges they are aware of the Applicant's variance request. In no way does signing this application indicate the Township's position on the variance request.			Attached <input type="checkbox"/>
TOWNSHIP OFFICIAL'S SIGNATURE <u>Riley Budensiek</u>	TOWNSHIP OFFICIAL'S PRINTED NAME AND TITLE <u>Riley Budensiek Chair</u>	DATE <u>12/17/20</u>	

By signing below, the applicant acknowledges:

1. The undersigned is the owner or authorized agent of the owner of this property.
2. The information presented is true and correct to the best of my knowledge.
3. If I am unable to be present at the hearing where my request is acted upon, I agree to accept the Notice of Decision via mail.
4. Additional information or applications may be required

Applicant's Signature: Dan Bauer Date: \_\_\_\_\_

Print name: DAN BAUER (owner or authorized agent)



## REQUEST SUMMARY

Please cite the Ordinance Article(s) and Section(s) you are requesting a variance from:

Article: \_\_\_\_\_ Section: \_\_\_\_\_ Name: \_\_\_\_\_

Article: \_\_\_\_\_ Section: \_\_\_\_\_ Name: \_\_\_\_\_

## SUPPORTING INFORMATION & JUSTIFICATION

You, or your agent, bear the burden of providing information to convince the Board to rule in your favor. Please provide answers to the following questions in the spaces below or in an attached document. You may also attach any additional supporting documentation you desire the board to review.

Discuss your current use of the property and the reason for your variance request:

Add on cattle shed to house cattle during winter in a healthier environment than previous years.

Describe the effects on the property if the variance is not granted:

Not able to have cattle on existing property which houses dairy cattle

Describe any unique physical limitations that exist on your property, not generally found on others, which prevent you from complying with the provisions of the current ordinance:

Driveway blocks shed from being set back further

Discuss alternatives you considered that comply with existing standards. If compliant alternatives exist, provide your reasoning for rejecting them:

Shrink the herd or find another farm site in compliance. One would decrease farm income the other would increase cost and uncertainty which would be very detrimental to farm survival

Discuss alternatives you considered that would require a lesser variance. If you rejected such alternatives, provide your reasoning:

Barn location, driveway and creek direction kept other alternatives from being considered

In your opinion, do you think the granting of your variance request would alter the "essential character" of the neighborhood/area?:

Definitely Not The New Part is an extension of the previous shed and does not ~~change~~ create any visual distractions.

# MAP 01: PROPERTY OVERVIEW



## BOARD OF ADJUSTMENT

Public Hearing  
January 25th, 2021

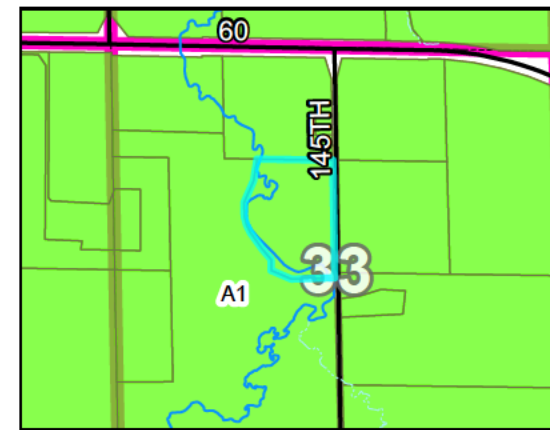
Dan Bauer (Owner)  
A1 Zoned District

Part of the SE 1/4 of the NW 1/4  
of Section 33 TWP 110 Range 16 in  
Minneola Township

Variance request to construct a cattle shed  
addition less than 100 feet from the  
Ordinary High Water Mark of a public  
watercourse

### Legend

Intermittent Streams	Bluff Impact Zones (% slope)
Protected Streams	20
Lakes & Other Water Bodies	30
Shoreland	<b>FEMA Flood Zones</b>
Historic Districts	2% Annual Chance
Parcels	A
Registered Feedlots	AE
Dwellings	AO
Municipalities	X



DATA DISCLAIMER: Goodhue County assumes  
NO liability for the accuracy or completeness of this map  
OR responsibility for any associated direct, indirect,  
or consequential damages that may result from its use  
or misuse. Goodhue County Copyright 2021.

2020 Aerial Imagery  
Map Created January, 2021 by LUM



# MAP 01: PROPERTY OVERVIEW



## BOARD OF ADJUSTMENT

Public Hearing  
January 25th, 2021

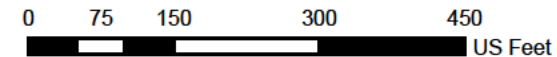
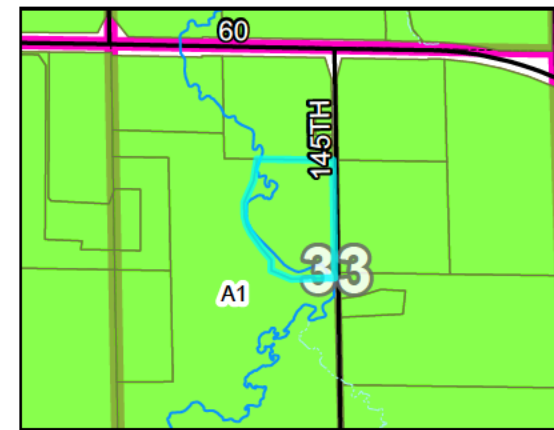
Dan Bauer (Owner)  
A1 Zoned District

Part of the SE 1/4 of the NW 1/4  
of Section 33 TWP 110 Range 16 in  
Minneola Township

Variance request to construct a cattle shed  
addition less than 100 feet from the  
Ordinary High Water Mark of a public  
watercourse

### Legend

Intermittent Streams	Bluff Impact Zones (% slope)
Protected Streams	20
Lakes & Other Water Bodies	30
Shoreland	<b>FEMA Flood Zones</b>
Historic Districts	2% Annual Chance
Parcels	A
Registered Feedlots	AE
Dwellings	AO
Municipalities	X

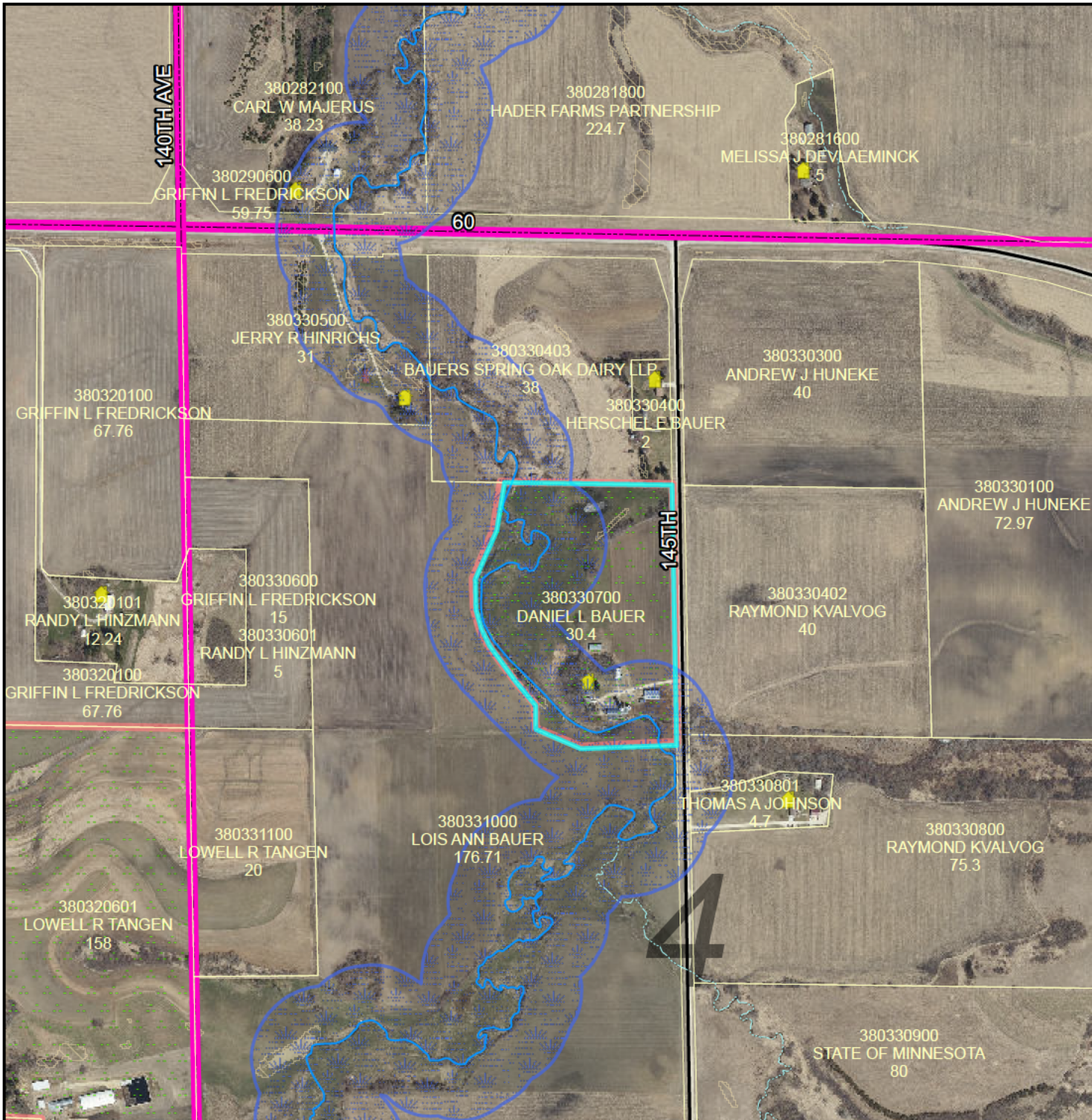


DATA DISCLAIMER: Goodhue County assumes  
NO liability for the accuracy or completeness of this map  
OR responsibility for any associated direct, indirect,  
or consequential damages that may result from its use  
or misuse. Goodhue County Copyright 2021.

2020 Aerial Imagery  
Map Created January, 2021 by LUM



# MAP 02: VICINITY MAP



## BOARD OF ADJUSTMENT

Public Hearing  
January 25th, 2021

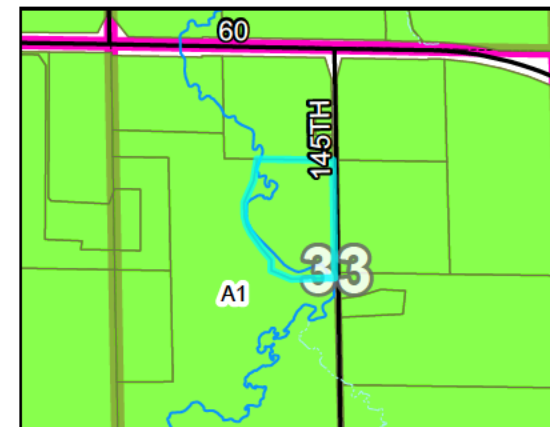
Dan Bauer (Owner)  
A1 Zoned District

Part of the SE 1/4 of the NW 1/4  
of Section 33 TWP 110 Range 16 in  
Minneola Township

Variance request to construct a cattle shed  
addition less than 100 feet from the  
Ordinary High Water Mark of a public  
watercourse

### Legend

Intermittent Streams	Bluff Impact Zones (% slope)
Protected Streams	20
Lakes & Other Water Bodies	30
Shoreland	FEMA Flood Zones
Historic Districts	2% Annual Chance
Parcels	A
Registered Feedlots	AE
Dwellings	AO
Municipalities	X



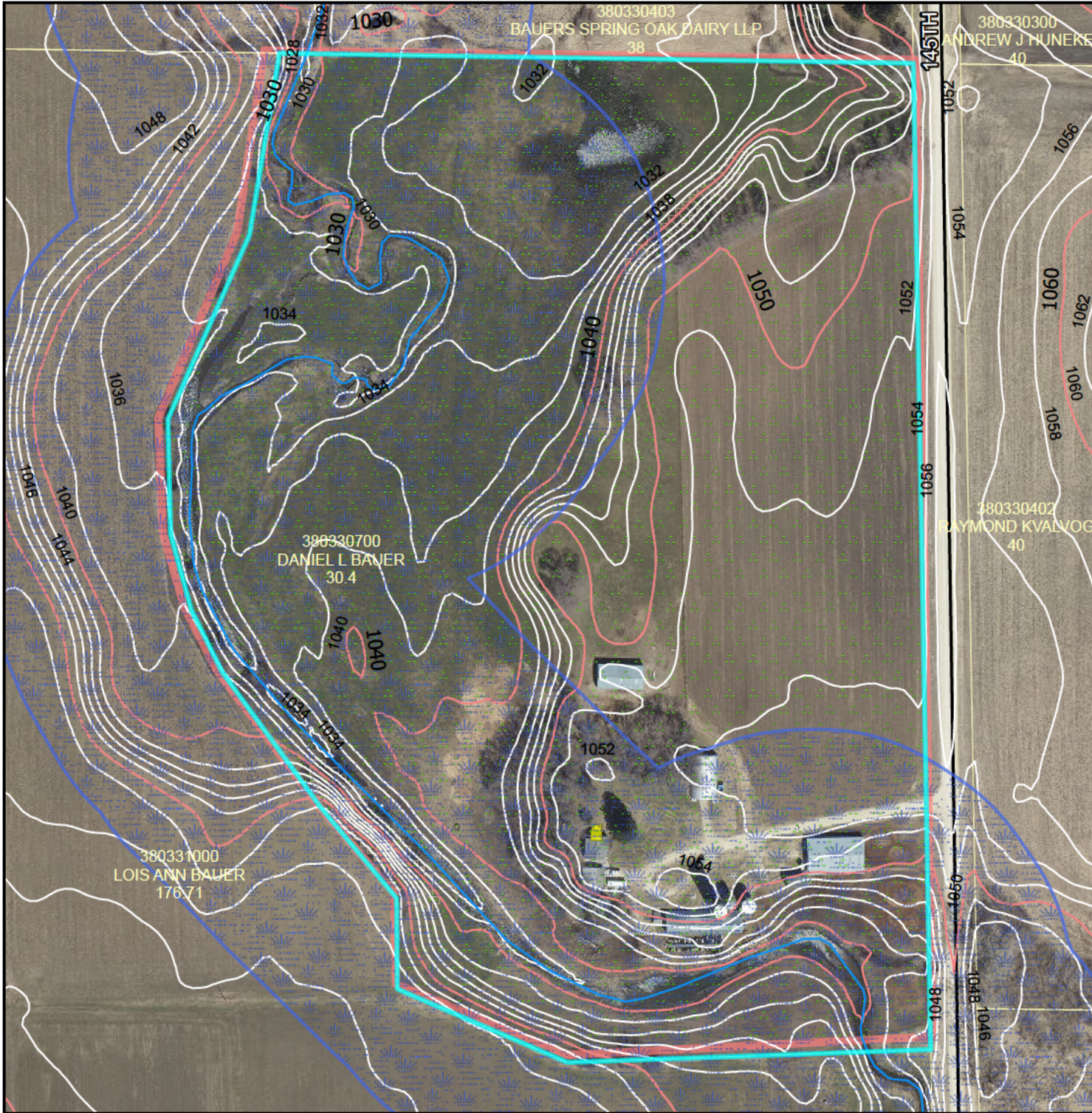
0 287.5 575 1,150 1,725  
US Feet

DATA DISCLAIMER: Goodhue County assumes  
NO liability for the accuracy or completeness of this map  
OR responsibility for any associated direct, indirect,  
or consequential damages that may result from its use  
or misuse. Goodhue County Copyright 2021.

2020 Aerial Imagery  
Map Created January, 2021 by LUM



# MAP 03: ELEVATIONS



## BOARD OF ADJUSTMENT

Public Hearing  
January 25th, 2021

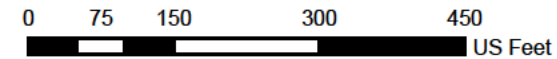
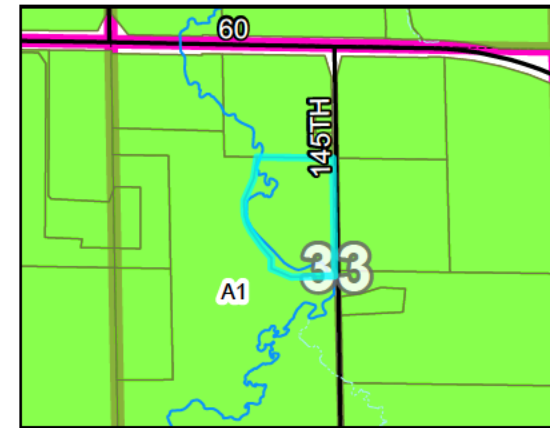
Dan Bauer (Owner)  
A1 Zoned District

Part of the SE 1/4 of the NW 1/4  
of Section 33 TWP 110 Range 16 in  
Minneola Township

Variance request to construct a cattle shed  
addition less than 100 feet from the  
Ordinary High Water Mark of a public  
watercourse

### Legend

Intermittent Streams	Bluff Impact Zones (% slope)
Protected Streams	20
Lakes & Other Water Bodies	30
Shoreland	<b>FEMA Flood Zones</b>
Historic Districts	2% Annual Chance
Parcels	A
Registered Feedlots	AE
Dwellings	AO
Municipalities	X

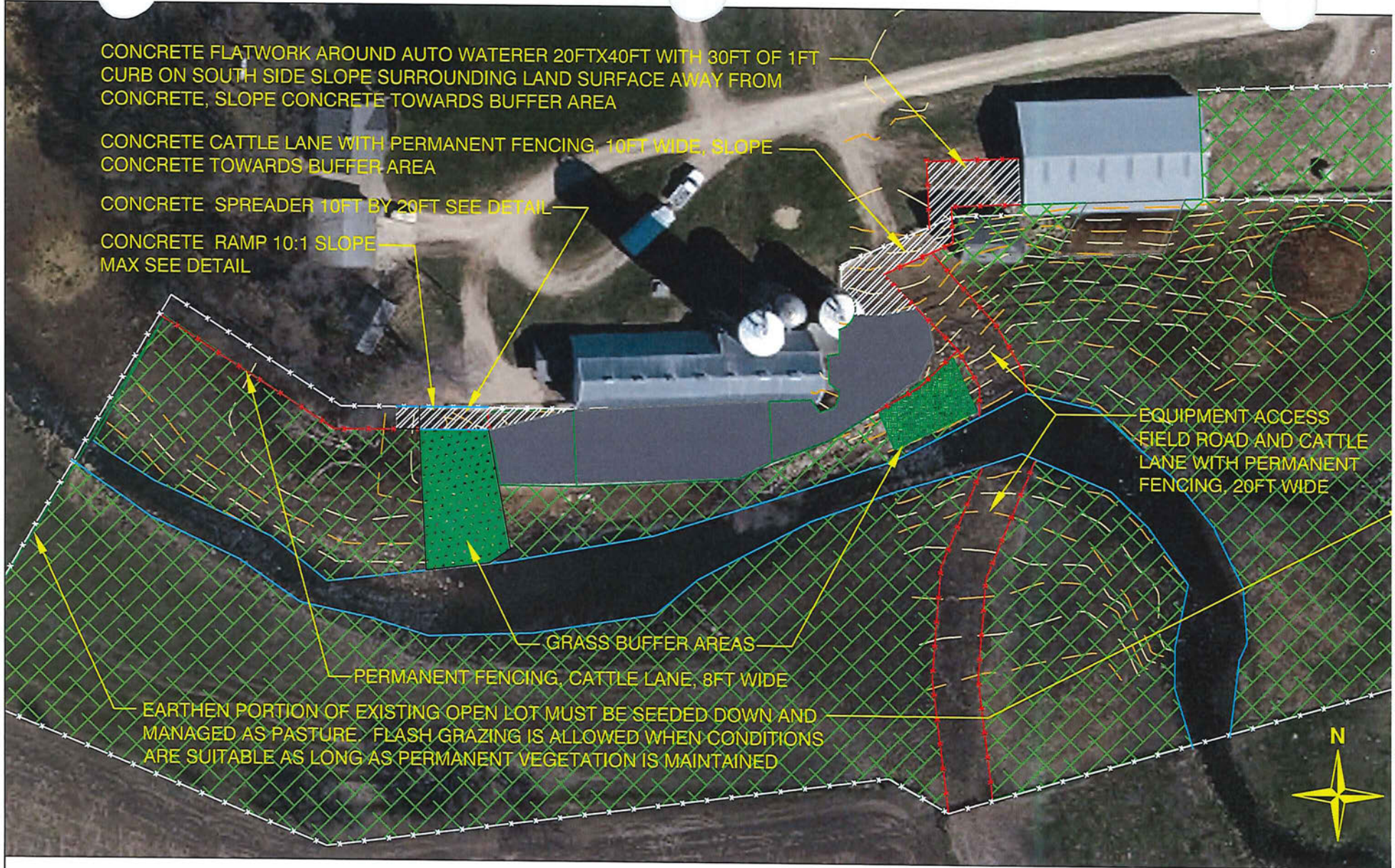


DATA DISCLAIMER: Goodhue County assumes  
NO liability for the accuracy or completeness of this map  
OR responsibility for any associated direct, indirect,  
or consequential damages that may result from its use  
or misuse. Goodhue County Copyright 2021.

2020Aerial Imagery  
Map Created January, 2021 by LUM



# Site Plan - Feedlot Fix Herschel Bauer



CONCRETE FLATWORK AROUND AUTO WATERER 20FTX40FT WITH 30FT OF 1FT CURB ON SOUTH SIDE SLOPE SURROUNDING LAND SURFACE AWAY FROM CONCRETE, SLOPE CONCRETE TOWARDS BUFFER AREA

CONCRETE CATTLE LANE WITH PERMANENT FENCING, 10FT WIDE, SLOPE CONCRETE TOWARDS BUFFER AREA

CONCRETE SPREADER 10FT BY 20FT SEE DETAIL

CONCRETE RAMP 10:1 SLOPE MAX SEE DETAIL

EQUIPMENT ACCESS FIELD ROAD AND CATTLE LANE WITH PERMANENT FENCING, 20FT WIDE

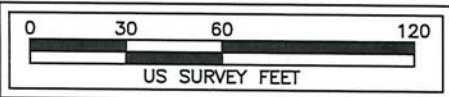
GRASS BUFFER AREAS

PERMANENT FENCING, CATTLE LANE, 8FT WIDE

EARTHEN PORTION OF EXISTING OPEN LOT MUST BE SEEDED DOWN AND MANAGED AS PASTURE. FLASH GRAZING IS ALLOWED WHEN CONDITIONS ARE SUITABLE AS LONG AS PERMANENT VEGETATION IS MAINTAINED



**Landowner: Bauer**  
**Practice: Feedlot Fix**  
**Location: Section 33, Minneola Township Goodhue County MN**



**LEGEND:**

- x— PROPOSED FENCE
- x— EXISTING FENCE
- PROPOSED CONCRETE
- EXISTING CONCRETE
- MAINTAIN AS PASTURE

RETURNED

APR 15 2019

RECEIVED

APR 15 2019

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: Feedlot 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 The information below reflects a change to the name of an existing registered facility.

Facility name: Daniel Bauer Registration number: 049-72730  
Facility Address: 45451 145<sup>th</sup> Ave Parcel ID number: 38-033-0700  
City: Zumbrota State: MN Zip code: 55992  
Phone: [REDACTED] Email: \_\_\_\_\_

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

**Feedlot owner**  Same as feedlot name and address **Contact person**  Same as feedlot owner information  
Name: Daniel Bauer Name: \_\_\_\_\_  
Address: 45451 145<sup>th</sup> Ave Address: \_\_\_\_\_  
City: Zumbrota State: MN City: \_\_\_\_\_ State: \_\_\_\_\_  
Phone: [REDACTED] Zip: 55992 Phone: \_\_\_\_\_ Zip: \_\_\_\_\_  
Email: \_\_\_\_\_ Email: \_\_\_\_\_

### Facility locational information

County: Goodhue City/Township: Minneola

Township (26-71 or 101-168)	Range (1-51)	Section (1-36)	¼ Section (NW, NE, SW, SE)	¼ of ¼ Section (NW, NE, SW, SE)
<u>10N</u>	<u>16W</u>	<u>33</u>	<u>SE</u>	<u>NW</u>

Any surface waters or tile intakes within 1,000 feet of the facility? (If Yes, indicate types below)  Yes  No  
 Lake/Pond larger than 25 acres  Wetland  Drainage ditch  River/Stream/Creek  Tile intake  
Is any part of the facility within 300 feet of a river/stream?  Yes  No  
Any part of the facility located within a delineated flood plain (100 year flood)?  Yes  No  
Any part of the facility located within designated shoreland?  Yes  No  
Any part of the facility within 300 feet of a known sinkhole?  Yes  No

### Facility operations information (indicate components that are currently part of your livestock or poultry operation)

Animals on pasture for part of the year  Yes  No  
Open lots (dirt, concrete, other) that are designed as animal holding areas  Yes  No  
Buildings that are designed for animal confinement or as animal holding areas  Yes  No  
If yes to either above, what is the shortest distance from an animal holding area to a well? (including unused or unsealed wells) 50 feet  
A liquid manure storage structure  Yes  No  
A manure stockpile (solid manure storage area)  Yes  No  
If yes to either above, what is the shortest distance from a manure storage area to a well? (including unused or unsealed wells) \_\_\_\_\_ feet  
If you closed a liquid manure storage area or permanent manure stockpile since your last registration, complete the following:  
Date closed: \_\_\_\_\_  Liquid storage  Solid storage  
Date closed: \_\_\_\_\_  Liquid storage  Solid storage

RECEIVED

### 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.

A	B	C	D
Animal type	Animal unit factor	Maximum number (head) maintained at anytime in past 5 years	Animal Units (B x C)
Dairy – mature cow (milked or dry) over 1,000 lbs.	1.4	20	28
Dairy – mature cow (milked or dry) under 1,000 lbs.	1.0		
Dairy – heifer	0.7	60	42
Dairy – calf	0.2	20	4
Beef – slaughter steer or stock cow	1.0		
Beef – feeder cattle (stocker or backgrounding) or heifer	0.7		
Beef – cow and calf pair	1.2		
Beef – calf	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		
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):			
		100	Total AU 74

### Signature (person completing the form) and Submittal

Print name: Kelsey Petit

Title: Goodhue County

Signature: Kelsey L Petit

Date: 4/15/19

\* updated at the 4/15/19 inspection with Dan Bauer.



# Odors From Feedlots Setback Estimation Tool

OFFSET Ver 2.0  
University of Minnesota  
1/21/2017

Farm Name   
 Address or County   
 Evaluator   
 Date

Clear All

OFFSET  
Annoyance-free  
more than 99%

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

## Building Sources

Building Type	Width (ft)	Length (ft)	# of Similar Sources	Total Area (sqft)	Control Technology	% air treated
Dairy - loose housing	40	42	1	1680	None	
None				0	None	
None				0	None	
None				0	None	
None				0	None	
None				0	None	
None				0	Biofilter	

## AREA SOURCES

Source Description	Shape	Width (ft) (or Dia)	Length (ft)	Area (sqft)	Control Technology
None	Rectangle			0	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	<input type="text"/>
Odor Flux (ou/s/m <sup>2</sup> )	<input type="text"/>
H <sub>2</sub> S Flux (ug/s/m <sup>2</sup> )	<input type="text"/>
NH <sub>3</sub> Flux (ug/s/m <sup>2</sup> )	<input type="text"/>
Documentation	<input type="text"/>
Add a Control Technology	
Name of technology	<input type="text"/>
Odor reduction (%)	<input type="text"/>
H <sub>2</sub> S reduction (%)	<input type="text"/>
NH <sub>3</sub> Reduction (%)	<input type="text"/>
Documentation	<input type="text"/>

Area Sources	
Add a Source Type	
Name of Source	<input type="text"/>
Odor Flux (ou/s/m <sup>2</sup> )	<input type="text"/>
H <sub>2</sub> S Flux (ug/s/m <sup>2</sup> )	<input type="text"/>
NH <sub>3</sub> Flux (ug/s/m <sup>2</sup> )	<input type="text"/>
Documentation	<input type="text"/>
Add Control Technology	
Name of technology	<input type="text"/>
Odor reduction (%)	<input type="text"/>
H <sub>2</sub> S reduction (%)	<input type="text"/>
NH <sub>3</sub> Reduction (%)	<input type="text"/>
Documentation	<input type="text"/>

# OFFSET Summary and Results



Farm Name	Dan Bauer
County	Goodhue County
Evaluator	K. Petit
Date	12/22/2020

Source Characteristics Summary	Flux Rates (with control technology)				Source Emission Rates*						
	Similar Sources	Emit Area sq ft	Control Technology Type	Percent Treated	Odor ou/s/m2	OFFSET OER	H2S ug/s/m2	Ammonia ug/s/m2	Odor ou/s	H2S ug/s	Ammonia ug/s
<b>Buildings</b>											
Dairy - loose housing	1	1680	None	0%	1.8	6.0	0.9	13.0	287	134	2030
<b>Area Sources</b>											

\*includes control technologies

Site Emissions	
Total Site Area (ft2)	1,680
Total Odor Emission Factor (TOEF)	1
Total Site H2S Emissions (mg/s)	0
Total Site H2S Emission AVERAGE (lbs/day)	0
Total Site H2S Emission MAX (lbs/day)	0
Total Site H2S Emissions (tons/yr)	0
Total Site Ammonia Emissions (mg/s)	2
Total Site Ammonia Emission AVERAGE (lbs/day)	0
Total Site Ammonia Emissions MAX (lbs/day)	1
Total Site Ammonia Emissions (tons/yr)	0

Source Edge to Nearest Neighbor (ft)	1000
OFFSET Annoyance-free frequency	0%

