WHERE THE FOREST MEETS THE PRAIRIE
Todd County
MINNESOTA • EST. 1855

PLANNING & ZONING
215 1st Avenue South, Suite 103
Long Prairie, MN 56347
Phone: 320-732-4420 Fax: 320-732-4803
Email address: toddplan.zone@co.todd.mn.us

The following is the agenda for **Thursday, March 5th, 2026 at 6:00pm**. The Todd County Planning Commission will hold a public hearing in the Commissioner's Boardroom, Historic Courthouse, 215 1st Ave South, Suite 301, Long Prairie.

NOTE: This meeting is being held in-person, and the public is encouraged to attend. Those who do attend in person can find parking atop the hill on the west side of the Historic Courthouse and enter through the North Doors, near the American Flag and monument.

If you have any concerns or questions in regard to the upcoming meeting and the applications on the agenda, feel free to contact the Planning & Zoning Office at either **(320) 732-4420** or **toddplan.zone@co.todd.mn.us.** All correspondence must include name & mailing address and be received 48 hours before the date and time of the hearing.

Agenda

- Call to Order
- Pledge of Allegiance
- Introduction of Planning Commission Members and process review.
- Approval of agenda
- Approval of the February 5, 2026, Planning Commission meeting minutes
- The applicant is introduced
  - Staff report
  - Applicant confirms if staff report accurately represents the request
  - Correspondence
  - Site Visit Review
  - Public comment
  - Board review with applicants, staff, and public

1. **Harvey Raber:** Section 26, Eagle Valley Township
   Site Address: County 20, Clarissa, MN 56440
   PID: 07-0030100.
   1. Request for CUP to manufacture and repair wooden pallets with proposed 60' x 120' shop with a 60' x 6' overhang in AF-1 Zoning District

2. **USS Eagle Bend Solar LLC:** Section 02, Wykeham Township
   Site Address: 14910 380th Street, Eagle Bend, MN 56446
   PID: 28-0001100
   1. Request CUP to construct and operate an up-to 10-megawatt solar farm in AF-1 Zoning District

3. **Jacob Swartzentruber:** Section 36, Reynolds Township
   Site Address: 21431 221st Avenue, Long Prairie, MN 56347
   PID: 20-0040500
   1. Request an after-the-fact CUP to operate a sawmill for wholesale and retail with proposed 40' x 44' shop addition in AF-1 Zoning District

4. **Amendment to Article XII. Regulation on Cannabis Businesses, Todd County Planning and Zoning Ordinance**

Adjournment – **Next meeting: April 2nd, 2026**

Planning Commission Meeting Minutes

February 5th, 2026

Completed by: Sue Bertrand, P&Z Staff

Site visits completed by Adam Ossefoort and Andy Watland on 2/3/2026

Meeting attended by board members: Vice Chair Ken Hovet, Lloyd Graves, Roger Hendrickson, Andy Watland, alternate George Sutton and Commissioner Tim Denny.

Staff members: Adam Ossefoort and Sue Bertrand

Other members of the public: Sign-in Sheet is available for viewing upon request.

Ken called the meeting to order at 6:00 p.m. The Pledge of Allegiance was recited as a collective group.

Introduction of the staff and board members, by Ken.

Roger motioned to have the agenda approved as presented. Lloyd seconded the motion. Voice vote, no dissent heard. Motion carried.

Lloyd motioned to have the January 8th, 2026 meeting minutes approved. Roger seconded. Voice vote, no dissent heard. Motion carried.

AGENDA ITEM 1: Sacred Heart Addition-Section 07, **Hartford Township, Site Address:** 708 8th St. W., Browerville, MN 56438 **PID:** 12-0007400

1. Request to create a +/- two-acre, one lot plat, for a convent cemetery in Residential-2 Zoning District.

Sisters Jean Noel Goldade, Sister Mary Gemma, Sister Mary Athansius and Brad Nyberg from Nyberg Surveying were present as the applicants. Sister Mary Gemma explained they would like to have permission to have a small cemetery attached to their religious house for the Sisters in their community for whenever God calls them to eternity. They are looking at having about 15 to 20 graves, which is not much. They have been in Browerville for about 36 years and not had one death. Their neighbor Dave Benning has graciously offered them some acreage of his property to accommodate their need for a cemetery. This property is in Hartford township. The land is surrounded by trees, and eventually they will seclude it even more with an evergreen hedge.

Staff Findings: Adam read through the staff report. The staff report is available for viewing upon request in the Planning & Zoning Office.

Recommendation:

A motion to recommend approval to the County Board of Commissioners with the following conditions:

Proposed Conditions:

1. Applicant shall remain compliant with applicable local, state or federal regulations related to operation of the cemetery.
2. Declare a cemetery official and an alternate that will be responsible for following state rules and provide contact information to the County to be recorded with the final plat.

3. Maintain a list of individuals buried and exact location within the cemetery.
4. Cemetery plot must be completely fenced off with boundaries clearly identified. All burial sites must remain inside of the fenced area.
5. Cemetery must be established and maintained in compliance with MN Statutes Chapter 307.

On Site Visit Report by: Andy Watland and he went through his report. This may be viewed in full, upon request at the Planning and Zoning office.

Correspondence received: None

Public comment:
Marty Host, stated he and his wife own the home and the land directly north of the proposed site. Built their house back in 2016, moved their family there to raise their two sons. Paid a pretty penny to put the house there and they are tax paying residents. They are here to oppose the proposal. Sisters are very good neighbors, hardworking, polite neighbors. He does not doubt they would take very good care of the cemetery, because their property is very well maintained. Bottom line is they really don't want a cemetery next to their home. He understands cemeteries are a necessity and if the cemetery had been there prior to them building their home, they would be fine with it, as he would have known the cemetery was there and it would have been his choice whether they would build a home or not. Now, they have a home there, thus they are opposing this. Back in the fall in 2024 the Sisters had come to his house, and they had talked about a cemetery, after the City of Browerville did not allow a cemetery in their compound. At that time, they had aspirations of purchasing the Kern home and buying a half-acre from Dave Benning. It did not bother him at that time, as it was not bordering his property and he couldn't see it. As a neighbor to a cemetery, he believes it will influence the value and the future long-term marketability of his property. If he was looking for a home, he would not want to purchase property next to a cemetery, that is his choice. Ultimately, they have a beautiful home, and it is going to take the right buyer to purchase the home from them someday. The congregation has been there for over 30 years, and they have been good people. They are proposing 15 to 20 plots, and once approved, he understands it will be for the Sisters only, but that is not to say they couldn't bury the priests or members of the congregation. So, they are looking at 20 plots, then 40, then however many more they need. At this time, the Church seems very strong. They have good turnouts for their services, but he also has a sense of history, too. In this County, there are a number of cemeteries dotted throughout, that at one time they were a part of somebody's parish (Natavia, Ward township on County 21, the Valley cemetery on County 16, Zion Lutheran out on 14 and one down in Ward Springs). He imagines those parishes never thought they would dissolve or move on either. He believes the Sisters will be here in 25 years and maybe even 50, but if the parish does not work out, who takes care of the cemetery? He stated history tells us the smaller congregations end up moving on, and this is something to think about. To ask your neighbor to live next to a cemetery is a "big ask". He stated he has a lot of money invested into his property, and one day he may develop, this limits what he could potentially sell a piece of property for. May not bother some, but it does him and others, as well. He stated it is difficult to speak up here against them, because they are good people, but he also has to watch out for his interest, his family's and the community's interest. There have been a number of people who have called him or stopped by his office and do not want a cemetery there either. The city of Browerville has already turned them down. Basically, if you set the precedent of allowing a cemetery in the city, anyone can apply for one. If approved, he would appreciate natural boundaries instead of a chain-link fence. Natural like your Arborvitae that you have, are terrific. He can't fight everything. He

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sees the conditions, but being the property owner nearest to, other than the Kerns, that are most affected by it, he is here to oppose.
Ken reminded the public to keep it under 3 minutes.

Denise Gaida, County official, Auditor Treasurer, but tonight here as a citizen of Hartford Township, and they got the notification on this because they own property near, her concern is much like Marty's. What is going to happen in Hartford if you allow this. She has a two-acre parcel right next to her land. What if she comes to you at the end of Killdeer Drive cul-de-sac and say she wants her vacant lot to be a cemetery? Are you going to allow that? Is it, every time someone comes and asks, they are going to get their own little cemetery? She stated her cul-de-sac area is more of a residential part of town, but she is in Hartford township. The other aspect is Hartford township okay with continually losing revenue? This parcel will now become exempt. What that land is as residential being paid in taxes, is part of your tax base in Hartford. Now, you take that away and you keep doing that, it makes generated revenue in your Hartford township you need to sustain your township on less and less and less. She agrees with Marty, she has had other people along that road and actually a nephew that lives across from the rectory or the parish, who couldn't be here tonight, but sent several messages to Denise, he wouldn't appreciate this because he looks to the North, enjoys the Church, the nuns, it's not that, they are good people. He is wondering about his view, and will he have to see that? His property taxes went up so much this year in market value, he wants to know if his market value is going to go down now, to offset the taxes. How is this going to affect the marketability of his home when *he* wants to go sell? They just moved in a couple of years ago. He had quite the concerns and asked her to voice them here for him. She agreed to. She stated she is on the same grounds as Marty and would oppose this.

Bob Geraets, neighbor to the Sisters on the East side and asked on the State Statute as far as burials, if they will be using vaults? Secondly, if a Sister does pass away, are they going to be using a funeral home, or are they taking care of the embalmment themselves? Are they doing a green burial? Last question or concern, it is awful close the aquifer that Browerville draws its water from. That would be his concern. Not sure these questions have been presented before and answered.

Karen Jonckowski, lives across the street from the convent or the novitiate and doesn't mind having the nuns across the street from them but she doesn't feel a cemetery is something they want in her neighborhood. Her concern, like Bob's, are they going to go through the state statutes, so the burials are done correctly? She feels there is other land around Browerville they could use for a cemetery. She is opposed to it.

Board discussion:

Andy asked if we have any responses from the applicant for the questions on the type of burial and embalming?

Ken stated one of the conditions states: must follow all Federal, State and local laws and that dictates how burials are conducted. Ken stated the board is not an expert on burying bodies but feels the State and the Feds are.

George asked if the two-acre bit of this is being parceled off from the larger parcel?

Nyberg stated it is going to be a two-step process. The County is making them plat it first, so they can put it in their name, then come back with the cemetery plat. The cemetery plat is going to show where each grave site is going to be. The area is going to be very small as he pictures it to be approximately the size of this room, pretty much in the middle of the two acres. As you know, the East side is heavy trees and the NE side is also heavy trees and they will plant a lot more shrubbery. This isn't like the entire two acres is going to be scattered with graves, this is just a small area.

George asked if these two acres are being gifted?

Sisters, they are purchasing it.

Andy stated there is a right of way across the woods. Stated he and Adam had a tough time seeing it, and it's kind of on a dead-end road, they had to walk through the woods and hunt to where it was, so as far as an eyesore, there is little chance of that. There are trees planted all over, at least a couple of acres, but because the public has raised those concerns…

Ken, so you don't feel it will be visible by anybody, anywhere?

Andy, he and Adam knew where it was supposed to be and they had to go on an excursion through the woods to figure out where it was going to be. It's not going to be very visible. Probably more hidden in the summer with more foliage on the different types of trees.

Ken, so, from those houses on the diagram up there, you think no-one will be able to see it?

Andy stated he and Adam parked on the road and had trouble seeing through there. He is sure if you looked and noticed it, you could see it but doesn't think there will be extravagant monuments that are twenty feet high either. Pretty modest.

Sister Mary Athansius stated the entrance will be curved to hide anything you could see from the entrance. Not directly straight from St. John's Avenue.

Roger, the intention will be the burial sites will be in the middle, and don't anticipate taking out any of the trees that are around there?

Sister Mary Athansius, correct.

Roger, there is an opening on the North side you can see a little bit of an opening through there…

Nyberg, but not the house, that would be screened.

Andy stated it is hard to tell, but there's a pretty good hill there.

Roger asked if the State requires them to use vaults?

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Adam stated he did not have that information off the top of his head. Nor would that necessarily be something that we would regulate, the Statute would dictate that.

Roger mentioned talking about worrying about the aquifer, he stated in Germany you rent your burial plot for 35 years and after that, it's up for rent again. They are not using any kind of containers for the body, cramped for space.

Ken, they've done that for centuries, but not the culture here.

Lloyd, you don't want to use the Browerville cemetery?

Sister Mary Athansius, no, they would like it next to their novitiate. Once again, it is not a parish, they are completely independent from Christ the King, they are their own non-profit Catholic organization. It will always be a smaller number. They have been there for over 30 years now and have the intention of staying in Browerville. It is kind of their headquarters of their religious organization, and all their paperwork and everything is in Minnesota. They don't really want to move and start all that process over again. That is why they wanted to go ahead with the cemetery, as they already made that decision now, they want to remain in Browerville.

Tim asked about condition # 4, is there a reason they want it completely fenced off or could we put a living fence or vegetative screening, or do we have to have it fenced?

Adam, the first four were based on past cemeteries, so if we need to edit that in any way…

George stated a gentleman mentioned a certain kind of fence he didn't like, could we be more specific if we chose to? Would that be helpful?

Adam stated we don't even have to require a fence, we could request vegetative screening on all four sides, in lieu of a fence if we wanted to. The statute still requires a monument on the corners to identify the boundary in that respect, but if there is a better way of delineating that boundary with vegetative screening vs a fence…

George stated it seems like vegetative screening would be more attractive and probably longer lasting. If we choose to designate that, then Arborvitae is something synonymous with a cemetery plot.

Brad stated the fence would be just around the grave sites. So, when he said perhaps half the size of this room, the fence would be fifteen to twenty feet on the outside of the gravesites. We are talking ¾ the size of the room would be fenced in. He stated he thinks it's important to have a fence, so animals are not getting in there and what not. It's very common for cemeteries to be fenced in.

Sister Mary Athansius, at the same time, around the actual border of the property, they will add a cloister of shrubs around the whole area, so you would have that blocking any vision of the cemetery. We would have the fence on the inside.

Ken, that is something you want to do around the perimeter of the property?

Sister Mary Athansius, we already have a live hedge around the front and the sides. It is even a part of their rules. They have a cloistered area, and they like it very private for themselves, as well.

Adam clarified a fence designating the area around the burial sites and vegetative screening around the entirety of the property.

George asked if they were alright with making that a condition?

Sisters, yes, they will do that anyway.

Andy stated if it is anything like what is on the East side, it is very tight and you cannot see through those.

More discussion on the height of vegetation and agreed minimum of 6 feet at maturity.

Andy motioned to approve with the amended conditions, Roger seconded.

1. Applicant shall remain compliant with applicable local, state or federal regulations related to operation of the cemetery.
2. Declare a cemetery official and an alternate that will be responsible for following state rules and provide contact information to the County to be recorded with the final plat.
3. Maintain a list of individuals buried and exact location within the cemetery.
4. Cemetery plot must be completely fenced off with boundaries clearly identified. All burial sites must remain inside of the fenced area.
5. Establishment of vegetative screening around the entire property. Screening shall be no less than 6' in height at maturity.
6. Cemetery must be established and maintained in compliance with MN Statutes Chapter 307.

Roll call vote commenced as follows:

Board member	**Vote (yes or no)**
George	Yes
Roger Hendrickson	Yes
Lloyd Graves	Yes
Andy Watland	Yes
Ken Hovet	Yes

Motion carried. Ken noted the application will be presented to the County Board of Commissioners on February 17th, 2026.

AGENDA ITEM 2: Adam Froseth-Section 22, **Kandota Township, Site Address:** 11413 US HWY 71, MN 56378 **PID:** 12-0007400

2. Request to create a +/- two-acre, one lot plat, for a convent cemetery in Residential-2 Zoning District.

Adam Froseth was present as the applicant, stated he would like to install a ground mount solar system.

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Staff Findings: Adam read through the staff report. The staff report is available for viewing upon request in the Planning & Zoning Office.

Recommendation:
A motion to recommend approval to the County Board of Commissioners with the following conditions:

Proposed Conditions:

1. Applicant must obtain permitting and/or licensing from additional governmental agencies as necessary.
2. Submission of Interconnection Agreement with the electric service provider prior to issuance of a land use permit.
3. Construction of additional solar arrays shall require the review of the Planning Commission.

Correspondence received: None

Public comment: None

On Site Visit Report by: Andy, and he went through his site report. This report may be viewed, in full, upon request at the Planning and Zoning office.

Board discussion:

Roger asked if they moved into the house yet?

Froseth, yes.

Roger stated he did not think it could be viewed from the lake due to the slope, he knows what it is like down there as many years ago he had to tow a car up the icy hill from the lake.

Ken stated the application says it will be more than 120%. Do you know how much more it will be?

Froseth, no, he does not.

Roger stated they must know it works good as his dad has two already and they are putting in more.

Ken asked for screening along the side that will be visible, and asked if that was acceptable?

Froseth, yes.

Ken suggested a condition similar to the cemetery, minimum 6' at maturity.

Andy thought it should be evergreens.

Froseth stated he his planning two rows of evergreens.

DRAFT

Ken, how big is the footprint?

Froseth, 13' x 145'.

Andy, 85' from the line.

George motioned to approve as proposed recommended by staff, Roger seconded.
Conditions:

1. Applicant must obtain permitting and/or licensing from additional governmental agencies as necessary.
2. Submission of Interconnection Agreement with the electric service provider prior to issuance of a land use permit.
3. Construction of additional solar arrays shall require the review of the Planning Commission.
4. Establishment of vegetative screening along the east property line to provide screening from the public roadway. Screening shall be no less than 6' in height at maturity.

Roll call vote commenced as follows:

Board member	**Vote (yes or no)**
George	Yes
Roger Hendrickson	Yes
Lloyd Graves	Yes
Andy Watland	Yes
Ken Hovet	Yes

Motion carried. Ken noted the application will be presented to the County Board of Commissioners on February 17th, 2026.

AGENDA ITEM 3: Amendments to Article XII of the Planning and Zoning Ordinance- Regulation on Cannabis Businesses

Adam went through the proposed amendments highlighted in red listed in his Staff report. This report may be viewed in full at the planning and zoning office, upon request.

Correspondence: none

Ken stated this is a little different than a regular application for CUP, so he will allow questions and answers but to please limit to 3 minutes each, and asked them to keep points succinct.

Allen Halbersma, Moran township, familiar with a building application in his township. He encouraged the proposed changes. One of the big issues is security. Now that it is going to commercial, it is going to be closer to Long Prairie, but is still concerned for cities like Browerville, Clarissa and Eagle Bend as the commercial area in not a 24-7 patrol area. He is wondering if we could require the security systems to be handled through a third party directly linked to the Sherriff's department, so they can be notified quicker and a response can be right away.

Ken reminded all we have no jurisdiction inside city limits.

Allen was talking about commercial zoned area outside city limits. If in AF-1 and you have a commercial business, could that be turned into Commercial Zoning?

Adam stated the County may amend the zoning map. Landowners can apply to amend the zoning districts, then the County Board still makes that decision, but there are commercial uses that are allowed in the Agricultural zones. That is why you see these CUP's come through because it has been identified as a conditional use that is allowed if you get that right permitting. Just because it is not a commercial zone, doesn't mean it does not allow commercial activities.

Allen asked so this type of operation can still get permission?

Adam, no, that is what we are restricting. We are saying this particular use is ***not*** a conditional use in those other zones. It is restricted just to the commercial zones.

Allen, just wanted to make sure that people don't buy a chunk of property and then try and turn it into commercial and put a building up.

Adam stated that reality does exist, however, the Planning Commission and the County Board would have to determine if it is beneficial to the County, as a whole, to amend that zoning map in that way and also, is it a spot zone? If someone owns a piece of property in the middle of Agricultural zone and surrounded by Agricultural zone and asks to rezone to commercial in the center of that, it is highly unlikely to be granted. Our Comp Plan has clear language to discourage spot zoning. We have that support to deny things like that.

Wally Zastrow Long Prairie town board. He questioned the language on application fees and registration fees. Why are we not charging an application fee? Why are we not going to charge a fee for a cannabis business? He just did a two and half acre split and was charged a $100.00 fee. Thinks there should be a $500.00 fee before you start the application process.

Adam stated the statute restricts us from doing that. It is out of our control. Statute also sets limitations on the initial and renewal fees of these retail registrations, and we have set it at the cap. Our hands are tied in that respect. What Wally is reading from, part C, is specific to retail sites. If they are doing a cultivation only, using it as an example, they would still pay the CUP fees and go through the same process to get the permit, but there actually wouldn't be a registration requirement. The registration requirement is specific to retail cannabis stores.

George questioned the signage, how can this business exist at all if there is no way to identify what it is?

Adam, not restricting a business sign, and having a name on your storefront. What this is restricting is putting an old car alongside the road or having movable signs. We do not want them advertising a cultivation site. We do not want to draw attention to those sites.

DRAFT

George stated a cultivation site does not have to attract customers unless they are together with retail which is rare. If it is a retail business, you want them to have a sign and grow as a business and raise taxes for the County and you want people to find it. The language should be cleared up from how it is written.

Andy brought up just like you can advertise the bar and the distillery, but the cannabis cannot advertise the cultivation site. He added you would want to hide a cultivation business as much as possible, as they are prone to security issues. It is a controlled substance.

Ken asked Adam where the impetus on restriction for AF-1 and AF-2 come from?

Adam explained based on the feedback from public and Commissioners so far.

Eric Brichacek, why would retail low potency edibles not be confined to a commercial zone?

Adam, essentially, they were legal and operating before the statute came out. They are sold at every gas station and liquor store. We would need legal assistance to change that, if we have the opportunity to restrict them to commercial zones. Now, those that are operating may be allowed to continue to operate, but any future would be subject to the new language.

Brichacek, there should be exorbitant fees. Through the roof. Cannabis is federally controlled. We need to put a stop to this. It stops here and at home.

Adam, there are caps from the statute on the initial registration and renewal fees.

Andy stated there is language we cannot prohibit cannabis businesses. A creative County can say we cannot prohibit it, but we can charge $1,000,000 for the registration fee and probably why that state language is there.

Discussion on allowed retail businesses.

Andy asked Adam if we have a security and lighting plan?

Adam stated if we would like to amend the security plan to require the system to be directly connected to alert law enforcement, it is definitely something he would need legal counsel on and talk to law enforcement about. He can certainly do that, but we would be unable to move forward with this tonight.

Tim asked Adam if we need to state compliance checks must be done on growing facilities, as well as retail.

Adam stated it is not identified in our ordinance now that we conduct compliance inspections, he believes the state has some sort of inspection process. He can have an answer to that, too.

Roger agreed with the alarm alerting Sheriffs' office directly.

Roger moved to table for more research, Andy seconded.

Roll call vote commenced as follows:

Board member	Vote (yes or no)
George	Yes
Roger Hendrickson	Yes
Lloyd Graves	Yes
Andy Watland	Yes
Ken Hovet	Yes

Motion carried.

Roger motioned to adjourn, Andy seconded, voice vote, no dissention heard. Motion carried and February Planning Commission Meeting adjourned at 7:24 PM.

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WHERE THE FOREST MEETS THE PRAIRIE
Todd County
• MINNESOTA • EST. 1855 •

PLANNING & ZONING
215 1st Avenue South, Suite 103
Long Prairie, MN 56347
Phone: 320-732-4420 Fax: 320-732-4803
Email: ToddPlan.Zone@Co.Todd.MN.US

Received
FEB 10 2026
JCC
Todd County Planning & Zoning

CONDITIONAL USE PERMIT APPLICATION

Applicant Harvey & Raber Mailing Address 71469 CO. 20 Clarissa, MN 56440

Site Address Pending

Phone Number _____ E-Mail Address _____

Property Owners Name & Address (if not applicant) Paul & Martha Raber
71469 CO. Rd 20 Clarissa, MN 56440

Parcel ID(s) 07-0030100 Township Eagle Valley Lake/River Name _____

Zoning District *(circle one)*: (AF-1) AF2; R-2; R-10; UG; RT; Comm; L-M; or Shoreland.

Full and Current Legal Description(s) C - attach
(attach if necessary)

Current tax statement or other proof of ownership attached (✓) yes ( ) no

Measurement of land involved: *Width* _____ *Length* _____ *Acres* 2

Septic System: Date installed NA Date of latest Compliance Inspection _____

Is an upgrade needed: ( ) yes ( ) no

Site accessed by: (✓) public road ( ) easement

If easement, is the easement legally recorded? ( ) yes ( ) no

LPRW

Detailed Explanation of Request:

Manufacturing wooden Pallets Repair
most in door storage
2 Family & employees 6a-6p monday thru saturday
60'x 120' Shop proposed with 60' x 6' overhang

Did you meet with the Township Board to present the Application for Conditional Use Permit?
Yes X **No** _____ **Date of the meeting:** 2/3/26

Optional Township Board Signature

Chairman Stanley Jabs
Board Position

Will the request create an excessive burden on the existing roads or other utilities? **Explain**

NO

Is the requested use compatible with the surrounding properties? **Explain**

YES

Could the use significantly depreciate near-by properties? **Explain**

NO

Will the structure and the use have an appearance that will not have an adverse effect on near-by properties? **Explain**

NO

Will the requested use create an adverse affect on near-by properties because of noise, odor, glare, hours of operation, or general unsightliness? **Explain**

NO

RETURN APPLICATION, SITE PLAN, SEWER INFORMATION AND ANY ADDITION INFORMATION, AND FEE TO:

Todd County Planning & Zoning Office
215 1st Ave South, Suite 103
Long Prairie, MN 56347

Fee: $600.00 or After-the-Fact Fee: $1,200.00 payable to "Todd County"

Only complete applications may be placed on an agenda

A PARCEL IN JOINT OWNERSHIP MUST PROVIDE WRITTEN SIGNATURE OF ALL OWNERS*

Applicant Name Printed	Signature	Date
Harvey Raber	Harvey Raber	2-5-26

Property Owner Name Printed	Signature (If different than applicant)	Date
Paul Raber Martha Raber	Paul Raber Martha Raber	2-5-26

A Conditional Use Permit expires and is considered invalid unless they are substantially completed within thirty-six months of the date the CUP is granted by the County Board (*Section 5.05(N) of the County Zoning Ordinance*).

AUTHORIZED AGENT FORM

I hereby authorize Harvey Raber **to act as my authorized agent for all public hearing(s) and legal relations with this application on property located at:**

Site address 07-00301.00

Section # 26 **Township Name** Eagle Valley

Parcel Number(s) 07-00301.00

Property Owner(s) Name(s) (print) Paul R. & Martha D. Raber

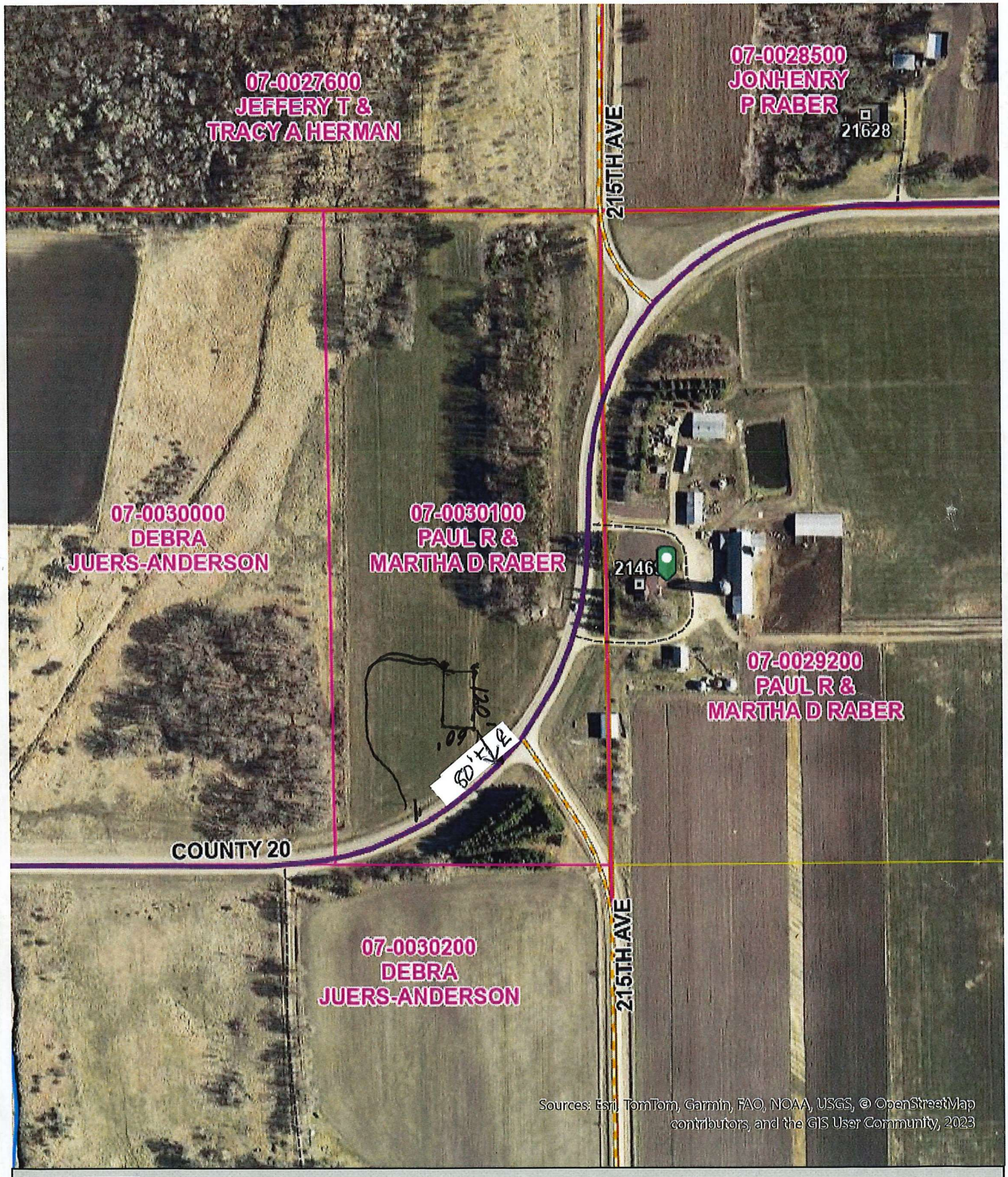
Property Owner(s) Signature(s) Paul Raber Martha Raber **Date** 2-3-26

Authorized Agent(s) name(s) (print) Harvey Raber

Authorized Agent(s) Signature(s) Harvey Raber **Date** 2-3-26

Authorized Agent Phone Number [redacted]

Authorized Agent Email _____



Todd County
MINNESOTA

Todd County GIS
215 1st Ave S, Ste 102
Long Prairie, MN 56347
(Office) 320-732-4248

GIS Site Map

0 0.05 0.1 0.2 mi

N W E S

The Todd County GIS & Land Services Department has made every effort to provide the most accurate and up-to-date information available in this publication and cannot be held responsible for any unforeseen errors or omissions. If the recipient wishes to locate parcel corners and property lines, employ the services of a Registered Land Surveyor.

Printed on:
Monday, January 5, 2026

OFFICE OF COUNTY AUDITOR/TREASURER
TODD COUNTY MINNESOTA

✓ No delinquent taxes
____ Transfer entered
Certificate of Real Estate Value (✓ filed) ( ) not required.
Certificate of Real Estate Value No. 10298

Date 3-2-07
Karen Busch
County Auditor/Treasurer
Deputy Auditor/Treasurer

OFFICE OF COUNTY RECORDER
TODD COUNTY MINNESOTA

I hereby certify that
this instrument # 447669
was filed/recorded in this office
for record on the 2nd day of
March 2007 at 2 ~~am~~/pm
Cheryl Perish, County Recorder
by: Cheryl Perish
~~Chief Deputy~~
46.- recording fee
40.- well certificate
924.00 deed tax/mtg reg tax $1392.40 tks
Home Town Title

Form No. 5-M - WARRANTY DEED

Individual(s) to Joint Tenants

DEED TAX DUE: $924.00

Date: 2/28/07

FOR VALUABLE CONSIDERATION, Donald M. Hanson and Carol L. Hanson, husband and wife Grantor, hereby conveys and warrants to Paul R. Raber and Martha D. Raber Grantees, as joint tenants, real property in Todd County, Minnesota, described as follows:

The East 34 rods of the NE¼ NE¼, Section 26, Township 131 North, Range 34 West of the 5th P.M., Todd County, Minnesota.
AND
The NE¼ NW¼, Section 25, Township 131 North, Range 34 West of the 5th P.M., Todd County, Minnesota.
AND
The W½ NW¼ and SE¼ NW¼, Section 25, Township 131 North, Range 34 West of the 5th P.M., Todd County, Minnesota, EXCEPT that part of the SW¼ NW¼ of Section 25, Township 131 North, Range 34 West of the 5th P.M., according to the United States Government Survey thereof described as follows, to-wit: Commence at the Southwest corner of the SW¼ NW¼ of Section 25, Township 131, Range 34; thence in a Northerly direction parallel with the East line of the said SW¼ NW¼, a distance of 33 feet; thence in an Easterly direction parallel with the South line of the said SW¼ NW¼, a distance of 1,320 feet, more or less, to the East line of the said SW¼ NW¼; thence in a Southerly direction parallel with the West line of said SW¼ NW¼, a distance of 33 feet; thence in a Westerly direction along the South line of the said SW¼ NW¼, parallel with the North line of the said SW¼ NW¼ a distance of 1,320 feet, more or less, to the point of beginning.

7-30100

together with all hereditaments and appurtenances belonging thereto, subject to the following exceptions:

Subject to easements, reservations or restrictions of record, if any.

Part 7-29200

Check box if applicable:
☐ The Seller certifies that the seller does not know of any wells on the above described real property.
☒ A well disclosure certificate accompanies this document.
☒ I am familiar with the property described in this instrument and I certify that the status and number of wells on the described property have not changed since the last previously filed well disclosure certificate.

Donald M. Hanson
Donald M. Hanson

Carol L. Hanson
Carol L. Hanson

Affix Deed Tax Stamp Here
COUNTY OF TODD
STATE DEED TAX: $ 924.00
DATE: 3-2-07

7-29100

STATE OF MINNESOTA
COUNTY OF TODD } ss.

This instrument was acknowledged before me on 2/28/07 by Donald M. Hanson and Carol L. Hanson, husband and wife Grantor.

NOTARIAL STAMP OR SEAL (OR OTHER TITLE OR RANK)
ANDREA L. FLAN
NOTARY PUBLIC - MINNESOTA
My Comm. Exp. Jan. 31, 2010

Andrea L. Flan
SIGNATURE OF NOTARY PUBLIC OR OTHER OFFICIAL
Andrea L. Flan

Check here if part or all of the land is Registered (Torrens) ☐

Tax Statements for the real property described in this instrument should be sent to (include name and address of Grantee):
Paul R. Raber and Martha D. Raber
21469 County 20
Clarissa, MN 56440

THIS INSTRUMENT WAS DRAFTED BY (NAME AND ADDRESS):
Home Town Title, LLC
838 South Main Street
Sauk Centre, Minnesota 56378

Well Certificate Received ✓
Well Certificate not Required ____

Tax Information

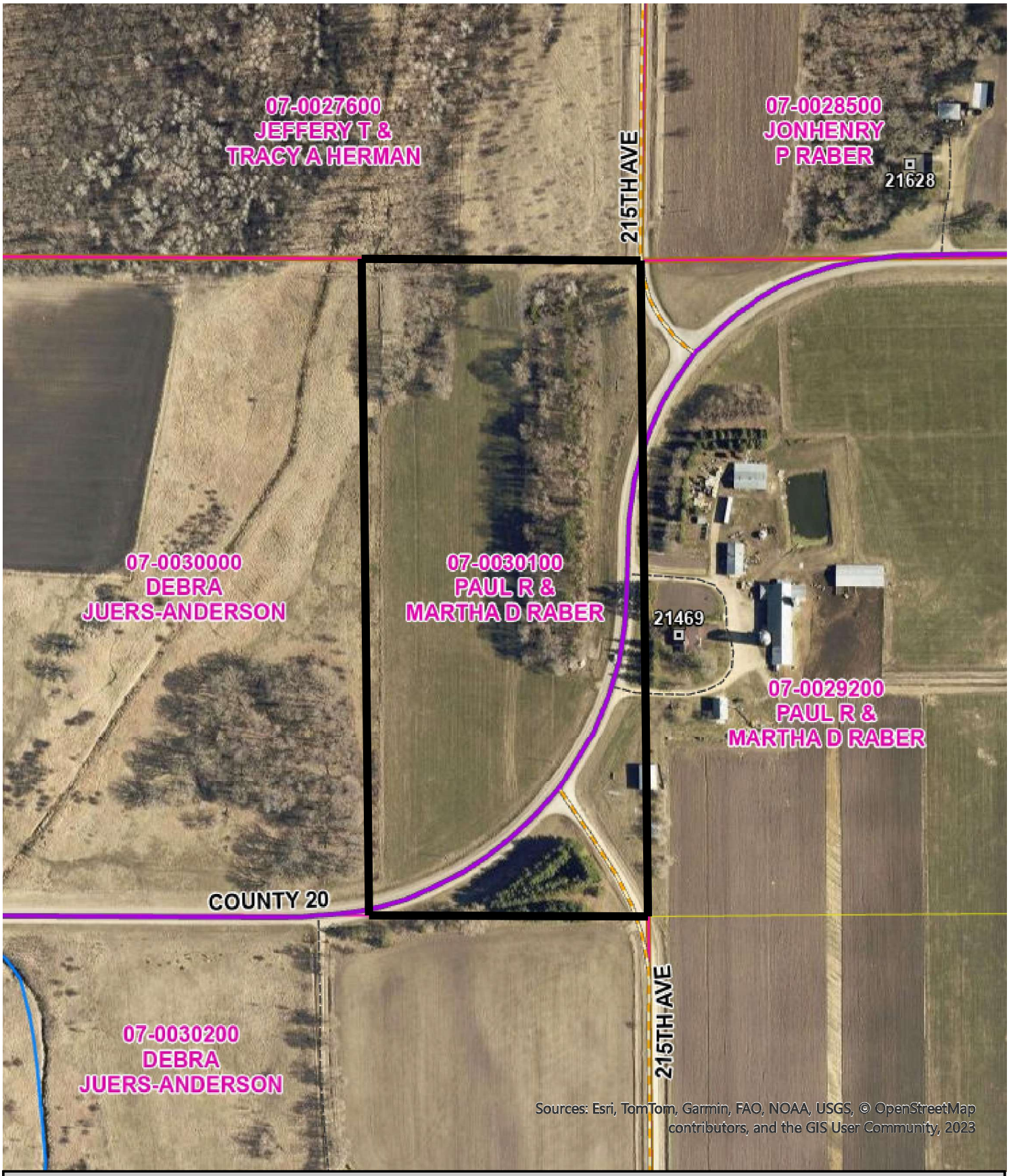
General Asmt: 2024 Pay: 2025 Market/Tax

Receipt #	2573	**Taxpayer# 26341**					
	101	RABER / PAUL R & MARTHA D	**Estimated Market**	52,700	**Rate (99.40500)**	0.08228	**Gross Tax**	261.83
	AGRI	21469 COUNTY 20						
Property Class 1	CULTURE 1	CLARISSA MN 56440	**Taxable Market**	52,700	**County**	11 4.185	**Credits**	59.83
			New Improvements	0	**Twp/City**	3.688	**Spec Asmt**	30.00
			TC Total	264	**State**	0.000		202.00
Homestead	FULL HOME STEAD		**TC Hstd**	264	**Sch Voter**	16.42	**Net Tx Due**	202.00
			TC Non Hstd	0	**Sch Other**	17.50	**Tax AB/Adds**	0.00
			TC H/G Hstd	0				
Cho-HS	3		**TC QTA**	0	**County Wide**	0.22	**S.A. AB/Adds**	0.00
MP#	07-0 02 92 00		**TC State**	0	**Tax Incr**	0.00		202.00
			School Bond Credit	59.83	**Watershed**	0.00	**Adjusted Net**	202.00
			Ag Credit	30.00	**Debt**	0.00		
			Other Credit	0.00	**Agri**	0.00	**Total Receipts**	202.00
			QTA Tax Amt	0.00	**City**	0.00	**Remaining Due**	0.00
					Sch Ref-Info	0.00		

Extra C.W.	0.00		101.000
Non Sch Ref	0.00	**MAY 15**	
		NOVEMBER 17	101.000

Tax History

Year	Est Market	Taxable Mkt	TC Value	TC Rate	Market Rate	Other Credit	ABAT/Added	Special Asmts	Tot
2025	52,700	52,700	264	99.40500	0.08228	59.83	0.00	0.00	
2024	45,700	45,700	229	97.35000	0.12403	42.66	0.00	0.00	
2023	33,700	33,700	169	97.22200	0.09195	23.24	0.00	0.00	
2022	29,000	29,000	145	124.96500	0.15428	27.83	0.00	0.00	
2021	29,000	29,000	145	122.89200	0.16080	23.86	0.00	0.00	



Todd County
MINNESOTA

Todd County GIS
215 1st Ave S, Ste 102
Long Prairie, MN 56347
(Office) 320-732-4248

GIS Site Map

0 0.05 0.1 0.2 mi

N W E S

The Todd County GIS & Land Services Department has made every effort to provide the most accurate and up-to-date information available in this publication and cannot be held responsible for any unforeseen errors or omissions. If the recipient wishes to locate parcel corners and property lines, employ the services of a Registered Land Surveyor.

Printed on:
Wednesday, February 11, 2026

WHERE THE FOREST MEETS THE PRAIRIE
Todd County
MINNESOTA • EST. 1855

PLANNING & ZONING
215 1st Avenue South, Suite 103
Long Prairie, MN 56347
Phone: 320-732-4420 Fax: 320-732-4803
Email: ToddPlan.Zone@Co.Todd.MN.US

CONDITIONAL USE PERMIT APPLICATION

Applying for a conditional use permit can sometimes be a confusing process for many applicants. The Todd County Planning & Zoning staff are happy to help you through this process.

Please note that no permits can be issued, nor any work commence, until the Todd County Board of Commissioners have made their final decision.

Planning Commission meetings are held once a month according to the Planning Commission meeting schedule. If applications received exceed the number that can be considered for each meeting, they may be moved forward to be scheduled at another meeting.

(1) Completely fill in the attached application form. If you have any questions contact the Todd County P&Z at 320-732-4420 or email toddplan.zone@co.todd.mn.us

(2) A drawn site plan must be submitted with the application (form attached). A neat sketch that is generally to scale, and shows all of the physical characteristics of your property is especially important. Examples of the physical characteristics we need to see are: accurate property dimensions and shape, accurate shoreline alignment, road centerline and right-of-way, all existing and proposed structures with dimensions, septic system, wells, driveways, vegetation, steep slopes, topographic alterations, wetlands, etc…

(3) Evidence that your existing septic system (if one exists on this parcel) is in compliance. Evidence may either be (1) a copy of a county inspection form that shows septic is less than five years old; or (2) a copy of "Compliance Inspection Form for Existing Individual Sewage Treatment Systems" that is less than three years old. If you do not have either of these, you will need to have your system inspected by a MN-licensed ISTS inspector. If you apply between Nov.15 – April 15 and the ground is frozen so a compliance inspection cannot be done, then a Septic Compliance/Inspection agreement must be submitted in lieu of a current certificate of compliance. Sewer system information must be included or application will not be accepted.

NOTE: Todd County Zoning Ordinance requires: Any nonconforming sewage treatment system shall be upgraded upon the following: Any application for variance, conditional use permit, permits for enlargement or intensification or improvement of property.

(4) Fees: **$600.00** (non-refundable) which includes application fee and recording fee.
After-the-Fact Fee: **$1,200.00**(non-refundable) Make the check payable to "Todd County."
- *After-the-Fact rates may apply*

(5) Application must be received in the Planning & Zoning Office, 215 1st Ave South – Suite 103, Long Prairie, MN 56347 by the scheduled closing date/time to be considered at a subsequent Planning Commission meeting (see schedule).

(6) Applicant or authorized agent must be present in person for the hearing of this application. Notice will be sent to applicant verifying date, time and location of the meeting. If an agent will represent the owner the attached form attached be submitted to the P&Z Office prior to the meeting.

WHERE THE FOREST MEETS THE PRAIRIE
Todd County
MINNESOTA • EST. 1855

PLANNING & ZONING
215 1st Avenue South, Suite 103
Long Prairie, MN 56347
Phone: 320-732-4420 Fax: 320-732-4803
Email: ToddPlan.Zone@Co.Todd.MN.US

CONDITIONAL USE PERMIT APPLICATION

323 N Washington Ave, Suite 350, Minneapolis 55401

Applicant USS Eagle Bend Solar LLC Mailing Address _____

Site Address 14910 380th Street, Eagle Bend, MN 56446

[redacted]

Property Owners Name & Address (if not applicant) _____
Jean Greenwaldt, 14910 380th Street, Eagle Bend, MN 56446

Parcel ID(s) 28-0001100 Township Wykeham Lake/River Name _____

Zoning District *(circle one)*: (AF-1;) AF2; R-2; R-10; UG; RT; Comm; L-M; or Shoreland.

Full and Current Legal Description(s) Please see Appendix III for parcel legal description.
(attach if necessary)

Current tax statement or other proof of ownership attached (●) yes ( ) no Please see Appendix III for proof of site control.

Measurement of land involved: *Width* _____ *Length* _____ *Acres* _____

Septic System: Date installed _____ Date of latest Compliance Inspection 11/12/2025

Is an upgrade needed: ( ) yes (●) no

Site accessed by: ( ) public road (●) easement If CUP approved, US Solar will have legal access rights for access path to solar farm.

If easement, is the easement legally recorded? (●) yes ( ) no

Detailed Explanation of Request:

USS Eagle Bend Solar LLC is requesting a Conditional Use Permit to construct and operate an up-to 10-megawatt solar farm pursuant to Section 5.05 "Conditional Use Permits" and Section 9.20 "Solar Energy System" of the Todd County Ordinance.

Did you meet with the Township Board to present the Application for Conditional Use Permit?

Yes X **No** _____ **Date of the meeting:** 11/10/25

US Solar met with Wykeham Township on 11/10/25 to inform them of our pending Variance and CUP Applications. There was no opposition from Township members regarding the USS Eagle Bend Solar LLC project.

_____ _____

Optional Township Board Signature **Board Position**

Will the request create an excessive burden on the existing roads or other utilities? **Explain**

No. The project will not require more than a few vehicle visits per year once operational. The project will not require any water, sewage, etc.

Is the requested use compatible with the surrounding properties? **Explain**

Yes. Per Section 9.20 of the ordinance, solar farms are allowed within the AF-1 district as a conditional use.

Could the use significantly depreciate near-by properties? **Explain**

No. The next-closest residence (other than our landowner's residence) will be located over 1,300 feet south of the project. This is a well-sited project that will not depreciate or have an adverse impact on surrounding proper

Will the structure and the use have an appearance that will not have an adverse effect on near-by properties? **Explain**

No. The next-closest residence (other than our landowner's residence) will be located over 1,300 feet south of the project. This is a well-sited project that will not depreciate or have an adverse impact on surrounding proper

Will the requested use create an adverse affect on near-by properties because of noise, odor, glare, hours of operation, or general unsightliness? **Explain**

No. The project will not cause any noticeable noise. The project will not cause odor. The project will be screened by trees to the east and will not cause glare. The project will be maintained by US Solar.

RETURN APPLICATION, SITE PLAN, SEWER INFORMATION AND ANY ADDITION INFORMATION, AND FEE TO:

Todd County Planning & Zoning Office
215 1st Ave South, Suite 103
Long Prairie, MN 56347

Fee: $600.00 or After-the-Fact Fee: $1,200.00 payable to "Todd County"
Only complete applications may be placed on an agenda

A PARCEL IN JOINT OWNERSHIP MUST PROVIDE WRITTEN SIGNATURE OF ALL OWNERS*

USS Eagle Bend Solar LLC	USS Eagle Bend Solar LLC	1/23/2026
Applicant Name Printed	Signature	Date
Jean Greenwaldt	Jean Greenwaldt	1/28/26
Property Owner Name Printed	Signature (If different than applicant)	Date

A Conditional Use Permit expires and is considered invalid unless they are substantially completed within thirty-six months of the date the CUP is granted by the County Board (*Section 5.05(N) of the County Zoning Ordinance*).

AUTHORIZED AGENT FORM

I hereby authorize US Solar **to act as my authorized agent for all public hearing(s) and legal relations with this application on property located at:**

Site address 14910 380th Street, Eagle Bend, MN 56446

Section # 2 **Township Name** Wykeham

Parcel Number(s) 28-0001100

Property Owner(s) Name(s) (print) Jean Greenwaldt

Property Owner(s) Signature(s) Jean Greenwaldt **Date** 1/28/26

Authorized Agent(s) name(s) (print) Luke Gildemeister, US Solar

Authorized Agent(s) Signature(s) Luke Gildemeister **Date** 1/23/26

Authorized Agent Phone Number [redacted]

Authorized Agent Email luke.gildemeister@us-solar.com

MINNESOTA POLLUTION CONTROL AGENCY
520 Lafayette Road North
St. Paul, MN 55155-4194

Compliance inspection report form

Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions: Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance. Instructions for filling out this form are located on the Minnesota Pollution Control Agency (MPCA) website at https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf.

Property information

Local tracking number:

Parcel ID# or Sec/Twp/Range: 28-0001100 Reason for Inspection Building Permit

Local regulatory authority info: Todd Co P&Z

Property address: 14910 380th St, Eagle Bend

Owner/representative: Randy & Jean Greenwaldt Owner's phone:

Brief system description: 1000 gal precast tank w/408 sqft. trenches

System status

System status on date (mm/dd/yyyy): 11/12/2025

☒ **Compliant – Certificate of compliance***

***(Valid for 3 years from report date** unless evidence of an imminent threat to public health or safety requiring removal and abatement under section 145A.04, subdivision 8 is discovered or a shorter time frame exists in Local Ordinance.)*

Note: Compliance indicates conformance with Minn. R. 7080.1500 as of system status date above and does not guarantee future performance.

☐ **Noncompliant – Notice of noncompliance**

Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.

An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance or under section 145A.04 subdivision 8.

Reason(s) for noncompliance (check all applicable)

- ☐ Impact on public health (Compliance component #1) – *Imminent threat to public health and safety*
- ☐ Tank integrity (Compliance component #2) – *Failing to protect groundwater*
- ☐ Other Compliance Conditions (Compliance component #3) – *Imminent threat to public health and safety*
- ☐ Other Compliance Conditions (Compliance component #3) – *Failing to protect groundwater*
- ☐ System not abandoned according to Minn. R. 7080.2500 (Compliance component #3) – *Failing to protect groundwater*
- ☐ Soil separation (Compliance component #5) – *Failing to protect groundwater*
- ☐ Operating permit/monitoring plan requirements (Compliance component #4) – *Noncompliant - local ordinance applies*

Comments or recommendations

*System is operating as designed.

*Recommend having tank pumped every 2 yrs or more frequent.

Certification

I hereby certify that all the necessary information has been gathered to determine the compliance status of this system. No determination of future system performance has been nor can be made due to unknown conditions during system construction, possible abuse of the system, inadequate maintenance, or future water usage.

***By typing my name below,** I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing this form.*

Business name: Statema Backhoe Svc LLC Certification number: L2758

Inspector signature: Steve Statema License number: 895

(This document has been electronically signed) Phone: 218-820-5408

Necessary or locally required supporting documentation (must be attached)

☐ Soil observation logs ☐ System/As-Built ☐ Locally required forms ☐ Tank Integrity Assessment ☐ Operating Permit

☐ Other information (list):

Property Address: 14910 380th St, Eagle Bend

Business Name: Statema Backhoe Svc LLC Date: 11/12/2025

1. Impact on public health – Compliance component #1 of 5

Compliance criteria:	
System discharges sewage to the ground surface	☐ Yes* ☒ No
System discharges sewage to drain tile or surface waters.	☐ Yes* ☒ No
System causes sewage backup into dwelling or establishment.	☐ Yes* ☒ No

Any "yes" answer above indicates the system is an imminent threat to public health and safety.

Describe verification methods and results:

*No observable discharge

Attached supporting documentation:

☐ Other:

☐ Not applicable

2. Tank integrity – Compliance component #2 of 5

Compliance criteria:	
System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?	☐ Yes* ☒ No
Sewage tank(s) leak below their designed operating depth?	☐ Yes* ☒ No
If yes, which sewage tank(s) leaks:	

Any "yes" answer above indicates the system is failing to protect groundwater.

Describe verification methods and results:

- Used camera to verify tank integrity

Attached supporting documentation:

☒ Empty tank(s) viewed by inspector

Name of maintenance business: Freie's Septic Service

License number of maintenance business:

Date of maintenance:

☐ Existing tank integrity assessment (Attach)

Date of maintenance **(mm/dd/yyyy):** (must be within three years)

(See form instructions to ensure assessment complies with Minn. R. 7082.0700 subp. 4 B (1))

☐ Tank is Noncompliant **(pumping not necessary – explain below)**

☐ Other:

3. Other compliance conditions – Compliance component #3 of 5

3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or unsecured?
☐ Yes* ☒ No ☐ Unknown

3b. Other issues *(electrical hazards, etc.)* to immediately and adversely impact public health or safety? ☐ Yes* ☒ No ☐ Unknown

Yes to 3a or 3b - System is an imminent threat to public health and safety.

3c. System is non-protective of ground water for other conditions as determined by inspector? ☐ Yes* ☒ No

3d. System not abandoned in accordance with Minn. R. 7080.2500? ☐ Yes* ☒ No

Yes to 3c or 3d - System is failing to protect groundwater.

Describe verification methods and results:

Attached supporting documentation: ☐ Not applicable ☐ _____

4. Operating permit and nitrogen BMP* – Compliance component #4 of 5 ☒ Not applicable

Is the system operated under an Operating Permit? ☐ Yes ☐ No **If "yes", A below is required**

Is the system required to employ a Nitrogen BMP specified in the system design? ☐ Yes ☐ No **If "yes", B below is required**

BMP = Best Management Practice(s) specified in the system design

If the answer to both questions is "no", this section does not need to be completed.

Compliance criteria:

a. Have the operating permit requirements been met? ☐ Yes ☐ No

b. Is the required nitrogen BMP in place and properly functioning? ☐ Yes ☐ No

Any "no" answer indicates noncompliance.

Describe verification methods and results:

Attached supporting documentation: ☐ Operating permit (Attach) ☐

Property Address: 14910 380th St, Eagle Bend

Business Name: Statema Backhoe Svc LLC Date: 11/12/2025

5. Soil separation – Compliance component #5 of 5

Date of installation 6/5/2002 ☐ Unknown
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging? ☐ Yes ☒ No

Attached supporting documentation:

☒ Soil observation logs completed for the report

☐ Two previous verifications of required vertical separation

☐ Not applicable (No soil treatment area)

☐ _____

Compliance criteria (select one):

5a. ***For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead Protection Area or not serving a food, beverage or lodging establishment:*** Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☐ No*
5b. ***Non-performance systems built April 1, 1996, or later or for non-performance systems located in Shoreland or Wellhead Protection Areas or serving a food, beverage, or lodging establishment:*** Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*	☒ Yes ☐ No*
5c. ***"Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules 7080. 2350 or 7080.2400 (Intermediate Inspector License required ≤ 2,500 gallons per day; Advanced Inspector License required > 2,500 gallons per day)*** Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☐ No*

Indicate depths or elevations

A. Bottom of distribution media	24
B. Periodically saturated soil/bedrock	64
C. System separation	40
D. Required compliance separation*	36

*May be reduced up to 15 percent if allowed by Local Ordinance.

***Any "no" answer above indicates the system is failing to protect groundwater.**

Describe verification methods and results:

* Used 3" soil auger to verify soils.

Upgrade requirements: *(Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, the system must be upgraded, replaced, or its use discontinued within the time required by local ordinance. If an existing system is not failing as defined in law, and has at least two feet of design soil separation, then the system need not be upgraded, repaired, replaced, or its use discontinued, notwithstanding any local ordinance that is more strict. This provision does not apply to systems in shoreland areas, Wellhead Protection Areas, or those used in connection with food, beverage, and lodging establishments as defined in law.*

University of Minnesota Onsite Sewage Treatment Program

Soil Observation Log

Project ID:

v 04.01.2020

Client:	Randy & Jean Greenwaldt	Location / Address:	14910 380th St, Eagle Bend

Soil parent material(s): (Check all that apply) ☐ Outwash ☐ Lacustrine ☐ Loess ☑ Till ☐ Alluvium ☐ Bedrock ☐ Organic Matter

Landscape Position: (select one)	Summit	Slope %:	2.0	Slope shape:	Linear, Linear
Elevation-relative to benchmark:	0.0				
Vegetation:	Lawn	Soil survey map units:	374B	Limiting Layer Elevation:	70
Weather Conditions/Time of Day:	Sunny	900	Date	11/12/20250	
Observation #/Location:	1	12' N of drainfield	Observation Type:	Auger	

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure		
							Shape	Grade	Consistence
0-8	Sandy Loam	5	10YR 2/1				Granular	Weak	Friable
8-16	Sandy Loam	10	10YR 4/3				Platy	Weak	Friable
16-37	Sandy Loam	10	10YR 4/3				Granular	Weak	Friable
37-70	Sandy Loam	10	10YR 4/4				Single grain	Weak	Firm
70-75	Sandy Loam	10	10YR 4/4	10YR 6/2	Concentrations, depletions		Blocky	Moderate	Firm

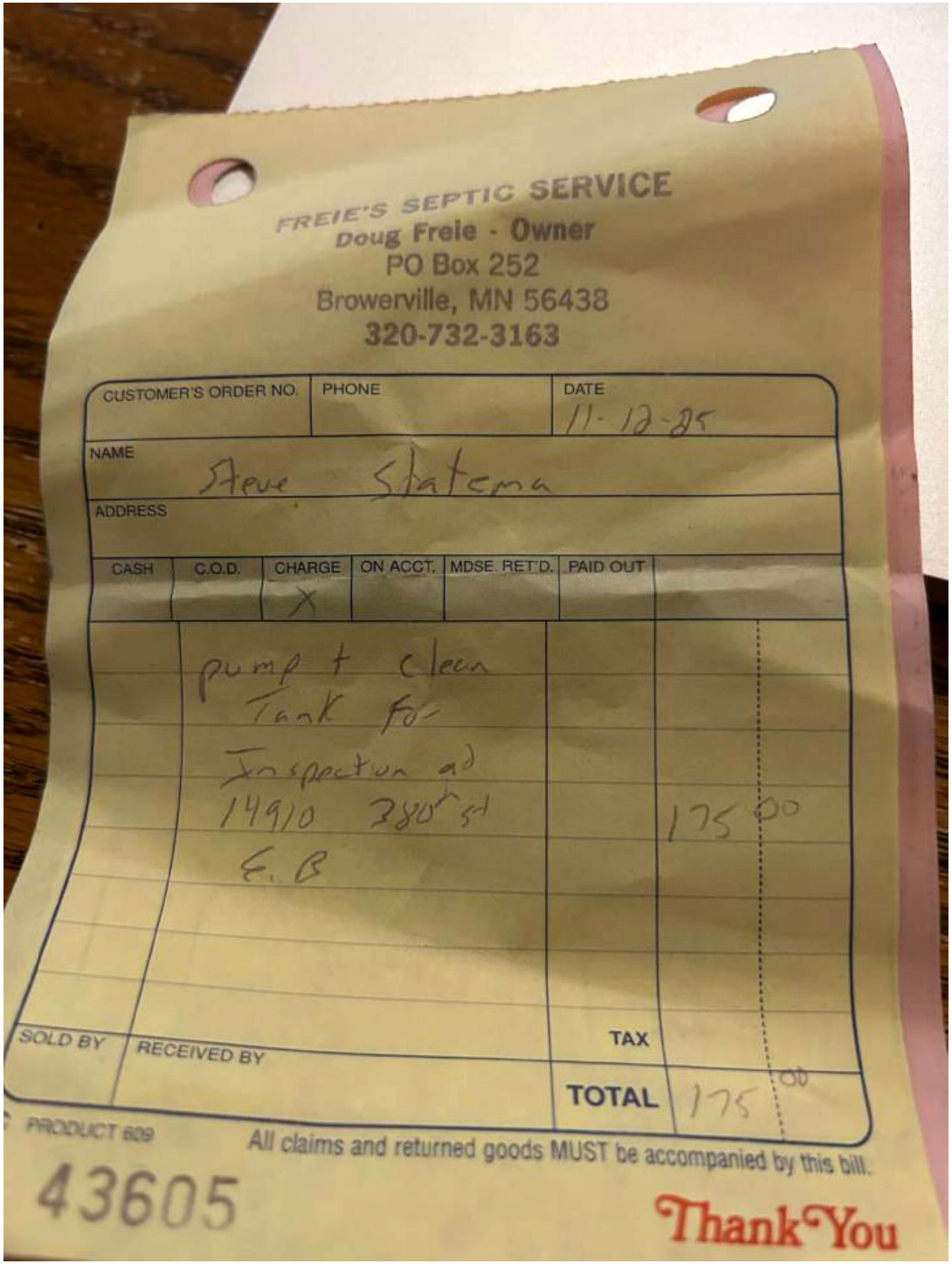
I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.

Steve Statema	Steve Statema	895	11/12/25
(Designer/Inspector)	(Signature)	(License #)	(Date)

Optional Verification: I hereby certify that this soil observation was verified according to Minn. R. 7082.0500 subp. 3 A. The signature below represents an infield verification of the periodically saturated soil or bedrock at the proposed soil treatment and dispersal site.

(LGU Inspector)	(Signature)	(Cert. #)	(Date)


X
Boring
374B
Drainfield
Area
0
60 ft



FREIE'S SEPTIC SERVICE
Doug Freie - Owner
PO Box 252
Browerville, MN 56438
320-732-3163

CUSTOMER'S ORDER NO.	PHONE	DATE
		11-12-25

NAME Steve Statema

ADDRESS

CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RET'D.	PAID OUT
		X			

pump & clean Tank for Inspection ad 14910 380th St E. B			175 00
SOLD BY / RECEIVED BY		TAX	
		TOTAL	175 00

PRODUCT 609

All claims and returned goods MUST be accompanied by this bill.

43605

Thank You



USS EAGLE BEND SOLAR LLC

CONDITIONAL USE PERMIT APPLICATION

WHERE THE FOREST MEETS THE PRAIRIE
Todd County
• MINNESOTA • EST. 1855 •

COVER LETTER

February 2026
Todd County Planning & Zoning
215 1st Avenue South, Suite 103
Long Prairie, MN 56347

RE: Application by USS Eagle Bend Solar LLC for a Conditional Use Permit to Construct and Operate a Solar Farm.

Dear Todd County Planning & Zoning,

Attached, please find an application for a Conditional Use Permit ("CUP") to construct and operate a Solar Farm within Todd County. Pursuant to Section 5.05 *"Conditional Use Permits"* and Section 9.20 *"Solar Energy Systems"* of the Todd County Planning and Zoning Ordinance (the "Ordinance"), the request is being made by USS Eagle Bend Solar LLC (the "Project"), a subsidiary of United States Solar Corporation ("US Solar"). US Solar, a developer/owner/operator based in Minnesota, seeks to make the benefits of solar more accessible. We coordinate all project details — site acquisition, development, interconnection, permitting, finance, construction, operations, and maintenance.

The Project plans to construct and operate a 10-megawatt (MW) Solar Farm ("Project") in Todd County on parcel 28-0001100 located northwest of Eagle Bend through Todd County's Conditional Use Permit process.

The US Solar team appreciates the coordination and insights provided by Todd County staff and looks forward to working with the County. Together, we will ensure that this Project will operate safely and efficiently over its lifespan, while providing environmental, financial, and social benefits to the surrounding area.

Please contact us with any questions, comments, or points of clarification.

Sincerely,

Luke Gildemeister

Luke Gildemeister – Project Developer

USS Eagle Bend Solar LLC
323 N Washington Avenue
Suite 350
Minneapolis, MN 55401
W: (612) 230.0172
E: luke.gildemeister@us-solar.com

PROJECT SUMMARY

US Solar respectfully submits this CUP application to construct, own, and operate an up to 10-megawatt Solar Farm:

Parcel Identification Number	28-0001100
Site Address	14910 380th Street, Eagle Bend, MN 56446
Project Capacity	10 MWac
Project Acreage	Approximately 56 acres
Site Control Status	Memorandum recorded, see Appendix III
Landowner	Jean Greenwaldt
Township	Wykeham
Current Use of Project Site	Agricultural land

SELECTING THIS PROPERTY

The Property was selected because of its solar resources, physical characteristics, proximity to sufficient distribution facilities, ability to meet all local permitting requirements, and of course, landowner support.

- Solar Resources
  - Large, flat, and open land to provide unobstructed access to natural sunlight
- Physical Characteristics
  - Limited grading, if any, maintaining natural topsoil and existing drainage patterns
  - Not in Agricultural Preserve
  - No impact to wetlands or neighboring properties
  - Adequate space for setbacks
  - Soils capable of supporting facility and equipment
  - No water or other infrastructure improvements needed
- Proximity to Sufficient Distribution Facilities
  - Existing **"Eagle Valley"** electrical substation is located about 2 miles to the southeast of the project. The substation has adequate capacity to handle the Project.
- Ability to meet all local permitting requirements
- Landowner support

LOCAL IMPACT

ENVIRONMENTAL REVIEW

For sensitive attributes, US Solar did conduct a Constraints Analysis for the Project. Conservation easement data and other protected areas were assessed. There were no national conservation easements, nature conservancy lands, national wildlife refuges, native plant communities, sites of biodiversity significance, or wildlife management areas found within the proposed Project area. The proposed Project site consists entirely of relatively flat, cultivated agricultural land. In consulting with the US Fish and Wildlife's Information for Planning and Consultation (IPac) database, a few species were listed as ***potential*** candidates that could be found in the vicinity of the City of Eagle Bend. These species include the Gray Wolf, the Monarch Butterfly, and the Suckley's Cuckoo Bumble Bee. However, no records of federal or state rare, threatened, or endangered species were found within the proposed Project area. The Minnesota State Historical Preservation Office's MnSHPO Portal was utilized to identify any historic or archaeological features within or near the Project. There were no historic features identified within the proposed Project area. US Highway 71 is located about 0.7 miles east of the proposed Project and is considered a historic roadway by MnSHPO. No significant environmental hazard records were identified within the proposed Project area based on Environmental Protection Agency (EPA) and ***"What's In My Neighborhood"*** (WIMN) database searches.

Additionally, Westwood Professional Services, on behalf of US Solar, conducted an on-site Phase I Environmental Site Assessment (ESA) for the Project in October 2025. No Recognized Environmental Conditions (REC's) were identified on the proposed Project site. The Phase I ESA can be viewed in Appendix IV. Westwood Professional Services also conducted a field Wetland Delineation Report in October 2025. Three (3) wetlands totaling 6.27 acres were found along the western-most edge of the parcel. Within Appendix II, you'll see that US Solar has sited the Project to avoid the field-delineated wetlands. The Wetland Delineation Report can be viewed in Appendix IV.

The area underneath the modules and between rows will be transformed into a diverse mix of pollinator-friendly, low-lying, deep-rooted plants. This enhances soil, water, and air quality. These native plantings also expand habitat for pollinators and other species that increase crop yields and improve the local environment.

During the spring – autumn months, US Solar would periodically implement solar grazing by deploying sheep within the fenced acreage of the proposed Project throughout the 25 – 40-year lifespan.

The Project is well-situated to host solar grazing due to the following characteristics:

- US Solar maintains a standard business practice of establishing the pollinator-friendly habitat throughout its solar sites, utilizing grasses and plants native to its respective project areas. Such habitat is "sheep ready" - it's appetizing to and nutritious for sheep.
- The Project site is flat, offering a clear view for the selected sheep grazier.
- The Project would be surrounded by security fencing, offering sheep protection from predators when they'd be on-site.

Prior to construction commencement, US Solar would provide Todd County with a finalized plan once a grazier has been confirmed and details have been finalized. Before construction, the Project would be seeded to prepare the land to host sheep in future years. The pollinator-friendly habitat would

slowly grow throughout the fenced area. Once the pollinator-friendly habitat is established, the selected grazier would periodically bring in their sheep to graze the pollinator-friendly habitat underneath and between the rows of solar panels. US Solar's Operations Team would work with the selected grazier to support continued successful implementation throughout the lifespan of the Project.

ECONOMIC

US Solar is a leading provider of solar solutions to residents, businesses, and public entities across Minnesota. We are proud to work with dozens of commercial customers and thousands of residential customers in Minnesota. Here are some local economic impacts for the proposed Project:

Already Spent

- Local engineering, environmental, and permitting consulting services
- Legal fees, county recordings, travel, and meals

During Construction

- Private capital infrastructure investment
- Local spending
- Construction and related labor jobs

During Operation

- Increased property tax payments throughout operation
- Permanent, part-time work to monitor and maintain

In addition, our initial estimates are that the Project would generate approximately $605,000 in production tax revenue throughout its 25-year initial term. Of this estimated amount, 80%, or approximately $484,000, would go to Todd County. The remaining 20%, approximately $121,000, would go to Wykeham Township.

ELECTRICAL

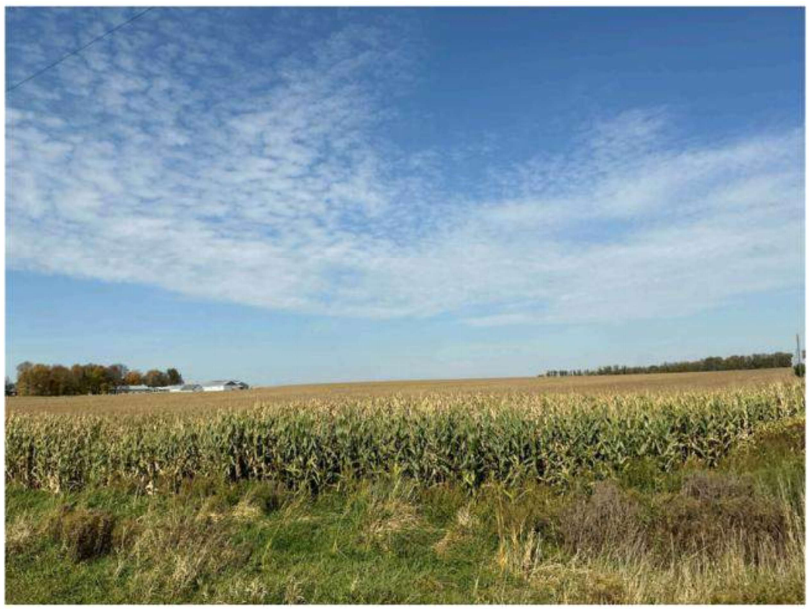
The Project will interconnect to the existing "Eagle Valley" electrical substation located to the northeast of Eagle Bend. The Project is contracted to deliver electricity for an initial period of 25 years, commencing on the date of commercial operation, which is expected to occur in 2027 or 2028.

VISUAL IMPACT

OVERVIEW

The Project will be composed of single-axis trackers, which means the panels will rotate from east to west as the sun rises and sets. The panels are about 6 - 8 feet tall, depending on the tilt angle, which varies throughout the day. Each row of solar panels will be approximately 16 feet apart. There would be no permanent structures or buildings.

PHOTOS OF THE SITE



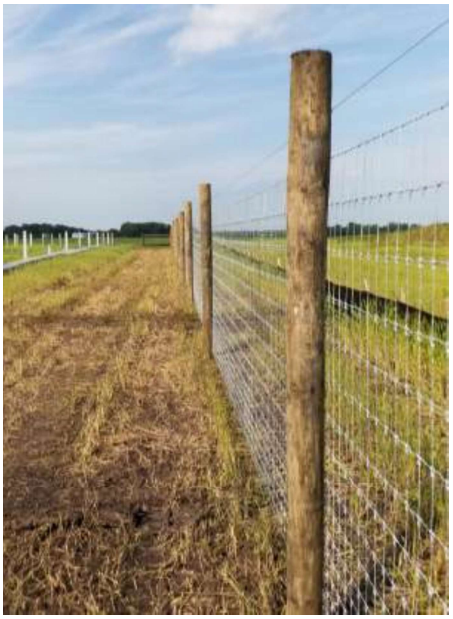
West parcel, Subject Property from the southeast corner



West parcel, east property boundary from the southeast corner

SCREENING + FENCING

For screening, the Ordinance states that ***"vegetated screening from all public roadways shall be required for all solar farms."*** Therefore, US Solar is proposing one (1) row of Eastern Red Cedar or similar species **outside of the Project's eastern fenceline. This will** help mitigate visual impact to any motorists along 151st Avenue. Please see below as well as Appendix II for our proposed site plans and the proposed location of the tree screening. For fencing, our Project will include a security fence around the entire perimeter, as required by National Electric Code. The security fencing will be located entirely on the Property. The fence will not exceed 8 feet in height, and it will be a farm-field style fence without barbwire. See the images below for a representative photo taken of a Project under construction in Minnesota in 2020. The proposed agricultural page-wire fencing will not differ because of adding solar grazing to the Project. Only the hatching at the base of the fence would be a bit tighter to make it harder for predators to get through. Please see below for representative photographs of what Todd County could expect the fence to look like.





SITE PLANS

The proposed site plans are enclosed in Appendix II. You can also find a screenshot of the site plans below for your convenience.



CONSTRUCTION

OVERVIEW

Galvanized steel I-beams are driven into the ground to the appropriate depth to ensure long-term stability, according to detailed structural and geotechnical analysis. Racking sits on top of the steel I-beams. Solar panels clip into the racks. Inverters are set up in between sections of solar panels. Electrical line is buried about 4 feet deep in an electrical conduit. There are no concrete footings and no permanent structures or buildings, which makes the eventual decommissioning process easy at the end of the Project's life. We use Tier 1 solar panels to achieve high efficiency and conform to high quality control and safety standards.

PARKING

During our construction phase, a temporary parking area on the property will be used for installation crews, delivery trucks (as needed), and construction and supervision personnel.

VEHICLES/CONSTRUCTION TRIPS

Trucks for construction activities will be standard. Most deliveries will be in the first month, and most electrical testing will be in the later stages of construction.

STORAGE DURING OPERATION

There will be no equipment or materials storage onsite during the operation of the Project.

SIGNAGE

There will be no external signage of the facility unless specifically desired by Todd County.

WATER, SEWAGE, AND WASTE

No water, sewage, or waste management services are required onsite. Portable waste facilities will be provided during the construction period.

SITE ACCESS

A new gravel access road will be built west off 151st Avenue to the eastern fence line of the Project. This provides necessary access for construction, regular mowing and maintenance activities, and decommissioning of the project, while minimizing impact to adjacent land uses. The road also provides access in the unlikely event that emergency crews are needed onsite. We utilize the following simple process for construction of the access road:

(1) Remove topsoil from a 15-foot-wide area and spread it thinly in adjacent areas,
(2) Lay down geotextile fabric over compacted subgrades, if necessary, to prevent vegetative growth, and
(3) Install and compact approximately 8-10" of aggregate material/gravel to level with surrounding grade.

Please see the site plan in Appendix II for a depiction of the access road.

OPERATIONS AND MAINTENANCE

US Solar's Operations Team analyzes Project performance remotely 24/7 through our data acquisition system. This real-time monitoring aids in detecting and diagnosing any production anomalies, identifying, and addressing underperformance issues, managing service teams and technicians, and contacting landowners and the utility (Minnesota Power) if necessary.

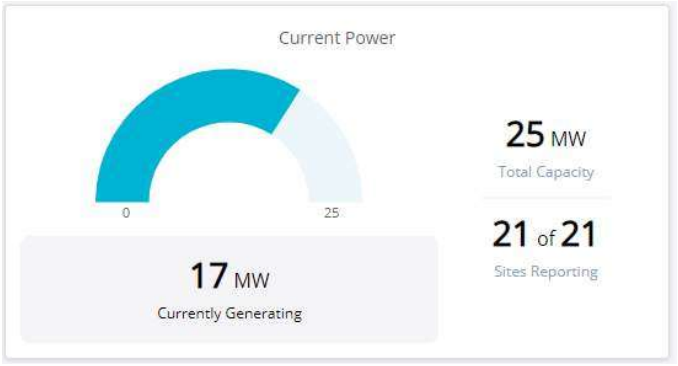


Figure: Snapshot of instantaneous generation for an operating portfolio

Maintenance and Operations questions can be directed to the **Project's** Operations Team at 612-260-2230. The Operations Team will be able to address any issues related to drainage, weed control, screening, general maintenance, and operation. Emergency contact details are to be provided prior to construction.

In addition, Minnesota Power personnel will have an easement and will perform any maintenance activities of their interconnection facilities, if needed.

GRADING AND STORMWATER POLLUTION PREVENTION

GRADING

Grading, filling, removal of soils, and addition of soils will be limited to the extent practical. Our solar racking can accommodate various terrain.

We will maintain the existing drainage patterns of this parcel, minimizing impact to surrounding land. A full drainage report is forthcoming and will be completed as part of the Stormwater and Pollution Prevention Plan (SWPPP) permit. Volume control (infiltration) will be provided through infiltration basins and the newly established perennial vegetation.

The SWPPP will include the following:

- Storm water mitigation and management resources
- Wetland impacts (if any)

- Temporary erosion prevention measures
- Temporary sediment control measures
- Permanent erosion and sediment control measures, if needed
- Best management practices (BMPs) regarding erosion control
- Inspection and maintenance
- Pollution prevention measures
- Final stabilization plan for long-term soil stability

EROSION AND SEDIMENT CONTROL PLAN

The Project will comply with the requirements outlined above, including obtaining a stormwater permit prior to construction. Our racking equipment is very accommodating of various terrain types and topography.

DECOMMISSIONING PLAN

As required in Section 9.20 ***"Solar Energy Systems," under "Decommissioning Plan,"*** USS Eagle Bend Solar LLC proposes a financial surety (bond, letter of credit, or escrow account) of $1,250,000 for this 10-megawatt Project. The Project consists of many recyclable materials, including glass, semiconductor material, steel, aluminum, copper, and plastics. When the Project reaches the end of its operational life, the component parts will be dismantled and recycled as described below. We have a lease contract with the property owner, which requires us to decommission and restore the site at our expense. The decommissioning plan would commence at the end of the lease term or in the event of twelve (12) months of non-operation. At the time of decommissioning, the Project components will be dismantled and removed using minimal impact construction equipment, and materials will be safely recycled or disposed of. The Project will be responsible for all the decommissioning costs.

REMOVAL PROCESS

The decommissioning of the Project proceeds in the following reverse order of the installation:

1. The solar system will be disconnected from the utility power grid
2. PV modules will be disconnected and removed
3. Electrical cables will be removed and recycled off-site
4. PV module racking will be removed and recycled off-site
5. PV module support posts will be removed and recycled off-site
6. Electrical devices, including transformers and inverters, will be removed and recycled off-site
7. Concrete pads will be removed and recycled off-site
8. Fencing will be removed and recycled off-site
9. Reclaim soil in the access driveway and equipment pad areas by removing imported aggregate material and concrete foundations; replace with soil as needed

The Project site may be converted to other uses in accordance with applicable land use regulations at the time of decommissioning. There are no permanent changes to the site. If desired, the site can return to productive farmland after the system is removed.

PROJECT OWNERSHIP

The applicant of the Conditional Use Permit, USS Eagle Bend Solar LLC, is a subsidiary of US Solar. USS Eagle Bend Solar LLC is the owner of the Project. Please find more information about US Solar at www.us-solar.com.

INTERCONNECTION WITH MINNESOTA POWER

At the time of this initial submission (February 2026), The Project has received its System Impact Study results. This is the first of two or three major studies that Minnesota Power conducts prior to issuing US Solar an Interconnection Agreement. US Solar expects to complete all studies and receive its Interconnection Agreement from Minnesota Power by summer 2026. US Solar will be happy to provide Todd County with a copy of the Interconnection Agreement upon its issuance and is agreeable to this requirement being listed as a condition within an issued Conditional Use Permit by Todd County.

CONCLUSION

The Project has complied with Section 5.05 ***"Conditional Use Permits"*** and Section 9.20 ***"Solar Energy Systems"*** of the Todd County Planning and Zoning Ordinance, and we respectfully request that the Todd County Planning Commission provides objective consideration of our Conditional Use Permit application.

APPENDIX I – ORDINANCE COMPLIANCE TABLE

Ordinance Section	Ordinance Language	US Solar Comment
9.20, Letter B, Section IV, Number 1	Solar farms are allowed within Agricultural and Commercial zoning and require a conditional use permit.	The Project will be located in the AF-1 zoning district.
9.20, Letter B, Section IV, Number 2, Letter A	Solar farms are not allowed within Shoreland and Residential zones.	The Project will not be located in a Shoreland or Residential zone.
9.20, Letter B, Section IV, Number 2, Letter B	Solar farms are not allowed within wetlands to the extent required by the Minnesota Wetlands Conservation Act, Todd County Wetlands Reguldations, and Todd County Shoreland Standards.	The Project has completed a Wetland Delineation Report. The Project is sited to avoid field-delineated wetlands. Please see Appendix II for the site plans.
9.20, Letter B, Section IV, Number 2, Letter C	Solar farms are not allowed within agricultural land identified as prime farmland as defined by the United States Department of Agriculture.	The Todd County BOA approved the Project's Variance Application on 1/22/26 to the prime farmland restriction. Please see below for the Conditions of Approval for the Variance Application.
9.20, Letter B, Section IV, Number 3	Stormwater management and erosion and sediment control shall meet the requirements of this ordinance.	A stormwater permit will be submitted prior to construction.

9.20, Letter B, Section IV, Number 4	Environmental Review shall be conducted in compliance with Minnesota Rule 4410.	US Solar consulted Todd County Planning & Zoning on this matter. They stated that an environmental review could be covered within the CUP application's narrative, which US Solar has included.
9.20, Letter B, Section IV, Number 5	Vegetated screening from all public roadways shall be required for all solar farms. Screening shall consist of coniferous trees or shrubs that provide dense, continuous screening. Screening must be established prior to construction of the solar arrays and must be maintained for the life of the solar farm.	The Project will feature tree screening outside of the Project's eastern fenceline to provide visual buffer from 151st Avenue motorists. Please see Appendix II for an approximation.
9.20, Letter B, Section IV, Number 6	The manufacturer's engineer or another qualified engineer shall certify that the foundation and design of the solar panels is within accepted professional standards, given local soil and climate conditions.	All future issued-for-construction site plans will be stamped by an engineer licensed in Minnesota. A geotechnical analysis will also be completed prior to construction.
9.20, Letter B, Section IV, Number 7	All solar farms shall be in compliance with any applicable local, state and federal regulatory standards, including the State of Minnesota Uniform Building Code, as amended; and the National Electric Code, as amended.	The Project will comply with all local, state, and federal standards.

9.20, Letter B, Section IV, Number 8	Power and communication lines running between banks of solar panels and to electric substations or interconnections with buildings shall be buried underground.	The wiring connecting the Project's will be located underground until reaching Minnesota Power's above-ground point-of-interconnection (POI) poles.
9.20, Letter B, Section IV, Number 9	An interconnection agreement must be completed with the electric utility in whose service territory the system is located.	The Project's interconnection process with Minnesota Power is ongoing. The Project will provide an executed Interconnection Agreement to Todd County prior to construction commencement. The Project is OK with this requirement being listed as a condition of an issued Conditional Use Permit.
9.20, Letter B, Section IV, Number 10	A detailed site plan for both existing and proposed conditions must be submitted, showing location of all structures, property lines, floodplains, wetlands and other protected natural resources, topography, electric equiepment, and all other characteristics requested by Todd County.	Please see Appendix II for the Project's set of site plans.

9.20, Letter B, Section IV, Number 11	A decommissioning plan shall be required to ensure that facilities are properly removed after their useful life. Decommissioning of solar panels must occur in the event they are not in use for twelve (12) consecutive months after initial establishment. The plan shall include provisions for removal of all structures and foundations, provisions for restoration of soil and vegetation, posting of a bond/letter of credit/or establishment of an escrow accounty in the amount of $125,000 per megawatt produced to ensure complete decommissioning, disposal of all structures and/or foundations shall abide by applicable federal, state, and local standards.	Please see the narrative for the Project's decommissioning plan. The Project is proposing a $1,250,000 surety in the form of bond, letter of credit, or escrow account.
9.20, Letter C, Letter I	All electric solar energy systems that are connected to the electric distribution or transmission system, either directly or through the existing service of the primary use on the site, shall obtain an interconnection agreement with the electric utility in whose service territory is located.	The Project will obtain an Interconnection Agreement with Minnesota Power. The interconnection process is ongoing.
9.20, Letter C, Letter III	All solar energy systems must comply with the Minnesota and National Electric Code.	The Project will comply with state and national electric code.
Variance Condition 1	Proposed project must be constructed in compliance with Section 9.20 of the Todd County Planning and Zoning Ordinance.	The Project will be in compliance with Section 9.20. Please see above for the criteria.

Variance Condition 2	Variance shall lapse and be void if not substantially completed within 36 months from the granting of this variance in compliance with Section 5.03G of the Todd County Planning and Zoning Ordinance.	The Project anticipates 2027 or 2028 construction. This 36-month deadline should therefore not be an issue.
Variance Condition 3	Applicant shall plant a pollinator seed mix consisting of no less than 12 different species of plants. Weeds shall be controlled at all times.	The Project's seed mix will contain more than 12 different species of plants. The Project can provide a full Vegetation Management Plan (VMP) prior to construction. This will include the project-specific plant + seed mix to be used. US Solar will control for the Project's weeds throughout the growing season during the Project's lifespan.
Variance Condition 4	Vegetative screening shall consist of trees that will reach no less than 12 feet in height at full maturity.	The proposed Eastern Red Cedar will exceed 12 feet in height at full maturity.
Variance Condition 5	Applicant shall abide by all other applicable federal, state, and local standards.	The Project will abide by all applicable federal, state, and local standards.

APPENDIX II – PROJECT SITE PLANS

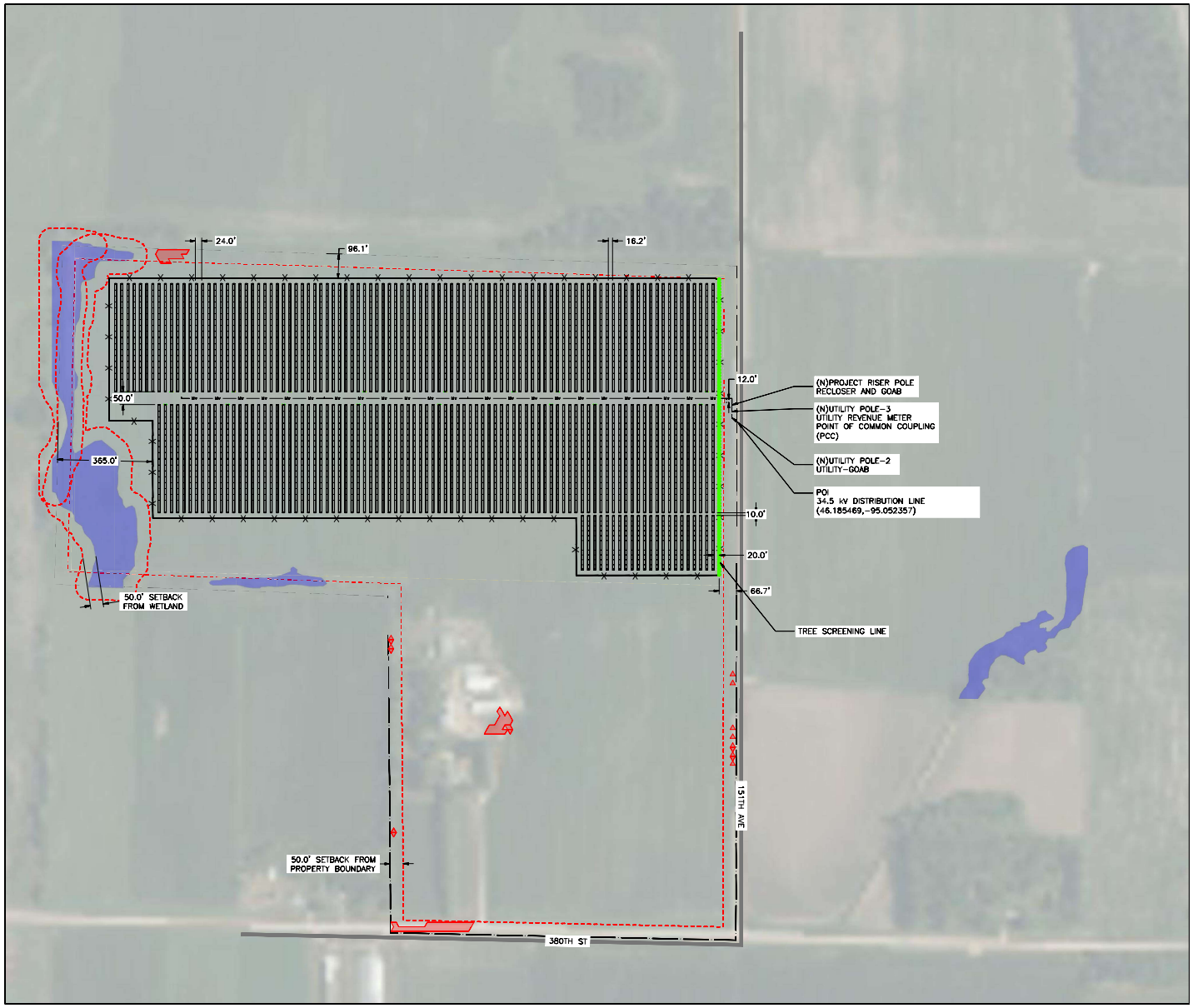
SYSTEM SPECIFICATIONS	
SYSTEM SIZE DC	13,258.08 kW
SYSTEM SIZE AC	10,000.00 kW
DC/AC RATIO	1.33
MODULE MODEL	CS6.2-66TB-620H
MODULE RATING	620 W
TOTAL MODULE QTY	21,384
MODULES PER STRING	27
TOTAL NO. OF STRINGS	792
INVERTER MODEL	CPS SCH275KTL-DO/US
INVERTER RATING	250.00 kW
INVERTER QTY	40
STEP-UP TRANSFORMER	(4)34.5KV/800V,2750KVA,
RACKING	ATI HSAT
TILT ANGLE	0°
# TRACKER ROW WITH 108 MODULES	187
# TRACKER ROW WITH 54 MODULES	22
INTER-ROW SPACING	16.20'
PITCH	24.00'
GCR	32.5%
AREA OCCUPIED	51.46 AC

GENERAL NOTES

1. CUSTOMER POLE. UTILITY AC DISCONNECT, FUSED, ACCESSIBLE, VISIBLE AND LOCKABLE DISCONNECT. PROVIDE PLACARD STATING "UTILITY AC DISCONNECT".
2. DISCONNECT: WILL BE ACCESSIBLE, LOCKABLE, VISIBLE BLADE DISCONNECT.
3. PV INSTALLATION TO COMPLY WITH NEC 2023 ARTICLE 690 AND ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES OR REGULATIONS.
4. EQUIPMENT SHALL BE LABELED PER NEC 2023 ARTICLE 690.
5. 12' ACCESS DRIVES SHALL BE DESIGNED TO ACCOMMODATE ALL CONSTRUCTION, OPERATIONS, MAINTENANCE AND UTILITY TRAFFIC THROUGHOUT THE SITE.
6. PROVIDE UTILITY 24/7 UNESCORTED KEYLESS ACCESS.
7. ALL EQUIPMENT CLEARANCES AND WORK SPACES SHALL COMPLY WITH NEC 2023 REQUIREMENTS.

LEGEND

- 108 MODULES TRACKER ROW
- 54 MODULES TRACKER ROW
- EQUIPMENT PAD
- STRING INVETER
- 12' WIDE SITE ACCESS ROAD
- EXISTING ROADS
- PROPERTY LINE
- SETBACK
- U.G. MEDIUM VOLTAGE CABLE
- (N)UTILITY CIRCUIT
- PROJECT SITE SECURITY FENCE
- BUIDABLEA AREA
- WETLAND
- SLOPE GREATER THAN 7%



1 ARRAY PLAN
SCALE:1"=200'

N

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REVISIONS

3	RFP APPLICATION	02/03/26

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PROJECT

USS EAGLE BEND SOLAR LLC
380TH STREET, EAGLE BEND
MINNESOTA 56446
LAT: 46.186164°
LON -95.053550°

SHEET TITLE

PRELIMINARY LAYOUT

SCALE: AS SHOWN
DRAWN: LR
DATE: 02/03/26

PV-100

SHEET 1 OF 4

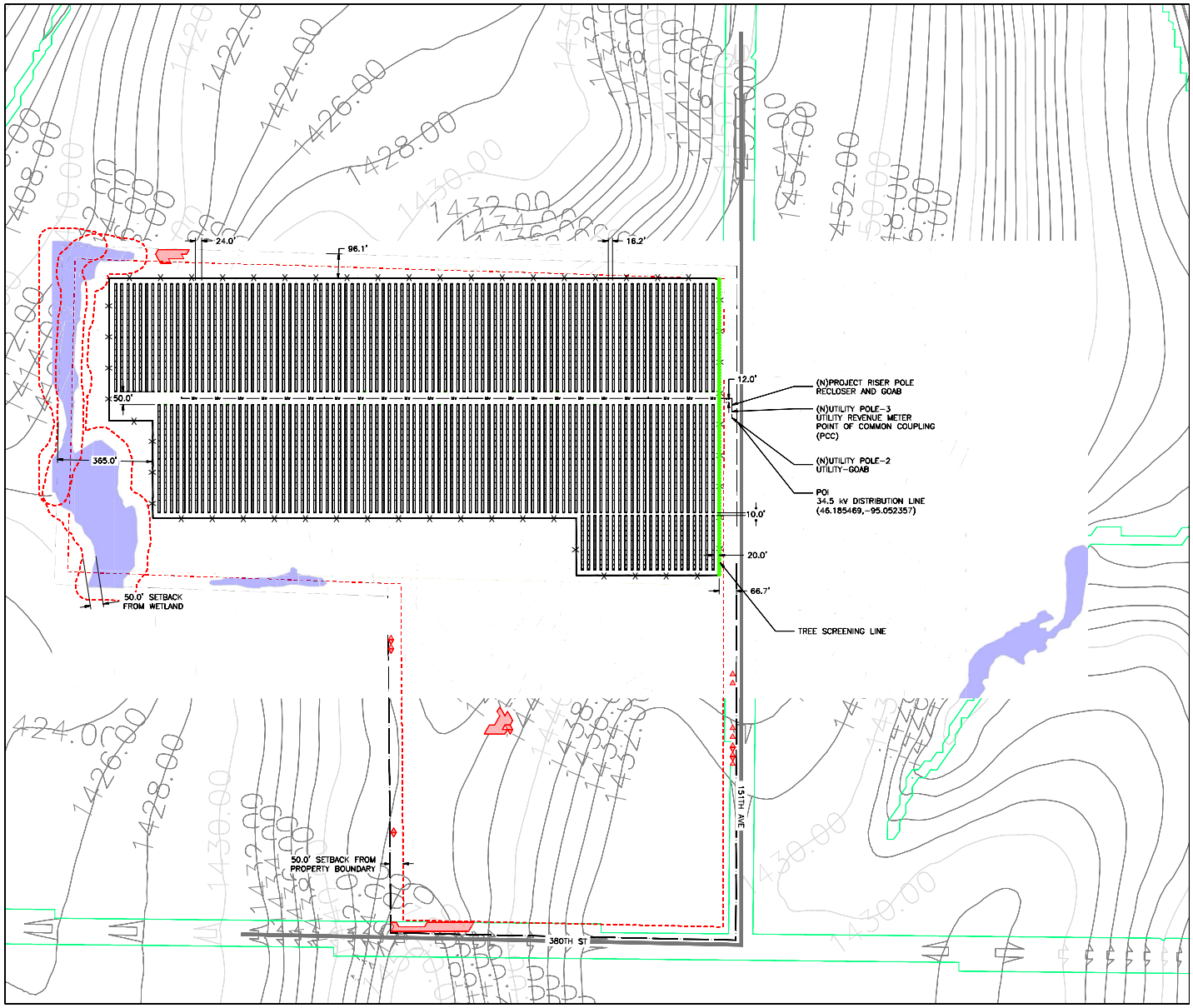
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- BUIDABLEA AREA
- WETLAND
- SLOPE GREATER THAN 7%
- MAJOR CONTOUR LINE
- MINOR CONTOUR LINE



1 ARRAY PLAN
SCALE:1"=200'

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REVISIONS

3	RFP APPLICATION	02/03/26

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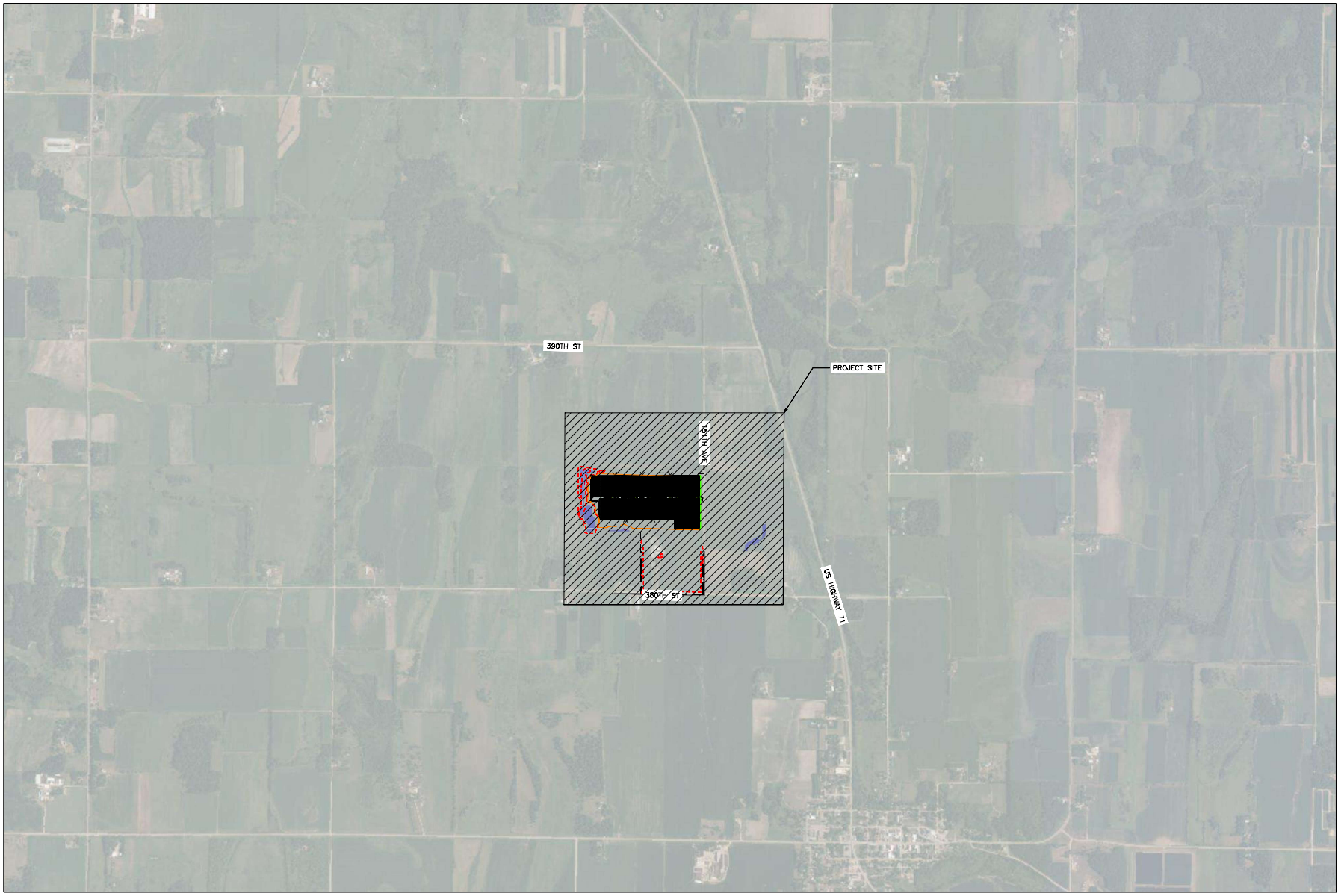
LAT: 46.186164°
LON -95.053550°

SHEET TITLE

PRELIMINARY LAYOUT

SCALE: AS SHOWN
DRAWN: LR
DATE: 02/03/26

PV-102



1 SITE LOCATION
SCALE:1"=1000'

N

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LAT: 46.186164°
LON -95.053550°

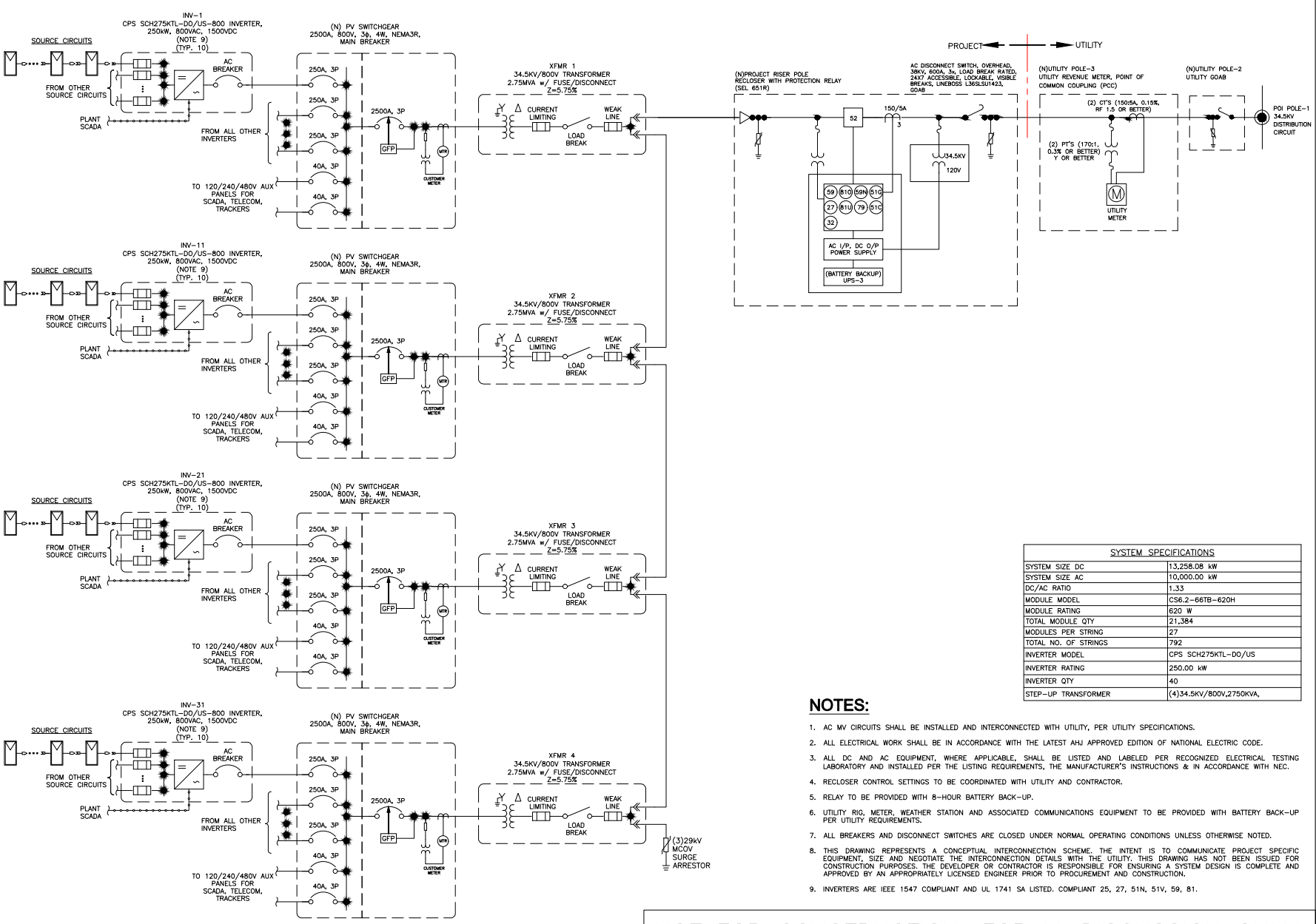
SHEET TITLE

SITE LOCATION

SCALE: AS SHOWN
DRAWN: LR
DATE: 02/03/26

PV-103

SHEET 3 OF 4



SYSTEM SPECIFICATIONS	
SYSTEM SIZE DC	13,258.08 kW
SYSTEM SIZE AC	10,000.00 kW
DC/AC RATIO	1.33
MODULE MODEL	CS6.2-66TB-620H
MODULE RATING	620 W
TOTAL MODULE QTY	21,384
MODULES PER STRING	27
TOTAL NO. OF STRINGS	792
INVERTER MODEL	CPS SCH275KTL-DO/US
INVERTER RATING	250.00 kW
INVERTER QTY	40
STEP-UP TRANSFORMER	(4)34.5KV/800V,2750KVA,

NOTES:

1. AC MV CIRCUITS SHALL BE INSTALLED AND INTERCONNECTED WITH UTILITY, PER UTILITY SPECIFICATIONS.
2. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST AHJ APPROVED EDITION OF NATIONAL ELECTRIC CODE.
3. ALL DC AND AC EQUIPMENT, WHERE APPLICABLE, SHALL BE LISTED AND LABELED PER RECOGNIZED ELECTRICAL TESTING LABORATORY AND INSTALLED PER THE LISTING REQUIREMENTS, THE MANUFACTURER'S INSTRUCTIONS & IN ACCORDANCE WITH NEC.
4. RECLOSER CONTROL SETTINGS TO BE COORDINATED WITH UTILITY AND CONTRACTOR.
5. RELAY TO BE PROVIDED WITH 8-HOUR BATTERY BACK-UP.
6. UTILITY RIG, METER, WEATHER STATION AND ASSOCIATED COMMUNICATIONS EQUIPMENT TO BE PROVIDED WITH BATTERY BACK-UP PER UTILITY REQUIREMENTS.
7. ALL BREAKERS AND DISCONNECT SWITCHES ARE CLOSED UNDER NORMAL OPERATING CONDITIONS UNLESS OTHERWISE NOTED.
8. THIS DRAWING REPRESENTS A CONCEPTUAL INTERCONNECTION SCHEME. THE INTENT IS TO COMMUNICATE PROJECT SPECIFIC EQUIPMENT, SIZE AND NEGOTIATE THE INTERCONNECTION DETAILS WITH THE UTILITY. THIS DRAWING HAS NOT BEEN ISSUED FOR CONSTRUCTION PURPOSES. THE DEVELOPER OR CONTRACTOR IS RESPONSIBLE FOR ENSURING A SYSTEM DESIGN IS COMPLETE AND APPROVED BY AN APPROPRIATELY LICENSED ENGINEER PRIOR TO PROCUREMENT AND CONSTRUCTION.
9. INVERTERS ARE IEEE 1547 COMPLIANT AND UL 1741 SA LISTED. COMPLIANT 25, 27, 51N, 51V, 59, 81.

NOT FOR CONSTRUCTION, FOR IA DISCUSSION ONLY.

THIS DRAWING AND ITS CONTENTS ARE THE PROPERTY OF SEQUOIA ENGINEERING AND DESIGN ASSOCIATES AND MAY NOT BE USED OR REPRODUCED WITHOUT WRITTEN PERMISSION.

REVISIONS

3	RFP APPLICATION	02/03/26

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MINNEAPOLIS, MN 55403
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SEQUOIA ENGINEERING & DESIGN ASSOCIATES
675 LENNON LANE, SUITE 145
WALNUT CREEK, CA, 94598
PHONE (925) 691-4183
FAX (925) 954-1220
WWW.SEQUOIA-ENGINEERING.COM

PROJECT

USS EAGLE BEND SOLAR LLC
380TH STREET, EAGLE BEND
MINNESOTA 56446
LAT: 46.186164°
LON -95.053550°

SHEET TITLE

SINGLE LINE DIAGRAM

SCALE: AS SHOWN
DRAWN: LR
DATE: 02/03/26

E-100

SHEET 4 OF 4

APPENDIX III – PROOF OF SITE CONTROL

Document #: A545340

ELECTRONICALLY RECORDED ON
04-08-2025 at 3:10 PM
KIMBERLY BOSL
TODD COUNTY RECORDER
Long Prairie, MN
Fee Amount: $46.00

Return to:
United States Solar Corporation
2150 Post Rd FL 99
Fairfield, CT 06824-5669

_____(Top 3 inches Reserved for Recording Data)_____

MEMORANDUM OF LEASE AND SOLAR EASEMENT

THIS MEMORANDUM OF OPTION TO LEASE, LEASE AND SOLAR EASEMENT (this "**Memorandum**"), dated as of March 12, 2025 (the "**Memo Effective Date**"), is made by and between, Jean M. Greenwaldt, a single person, whose address is 14910 380th Street, Eagle Bend, MN 56446 ("**Lessor**") and **US SOLAR DEVELOPMENT LLC**, a Delaware limited liability company, whose address is 323 Washington Ave N., Suite 350, Minneapolis, MN 55401 ("**Lessee**").

A. Lessor is the owner of real property located in Todd County, Minnesota, that is legally described in Exhibit A (the "**Lessor Property**").

B. Lessor and Lessee have entered into that certain Option to Lease, Lease and Solar Easement (the "**Lease**"), having an effective date of March 12, 2025, whereby Lessor leases to Lessee and Lessee leases from Lessor a portion of the Lessor Property (the "**Premises**") described in Exhibit A and whereby Lessor grants to Lessee certain easements described in Exhibit A and Exhibit B, in each case for the purposes of the Facility (as defined below).

C. Lessor and Lessee wish to give record notice of the existence of the Lease.

D. This instrument is exempt from Minnesota deed tax.

NOW THEREFORE, in consideration sum of One Dollar ($1.00), the parties agree as follows:

1. PURPOSE OF LEASE. THE LEASE IS SOLELY FOR SOLAR PHOTOVOLTAIC ENERGY GENERATION AND RELATED PURPOSES, AND THROUGHOUT THE TERM OF THE LEASE, LESSEE SHALL HAVE THE SOLE AND EXCLUSIVE RIGHT TO USE THE LESSOR PROPERTY FOR SUCH PURPOSES. FOR PURPOSES OF THE LEASE, PHOTOVOLTAIC ENERGY GENERATION PURPOSES MEANS: (I) MONITORING, TESTING AND ASSESSING THE LESSOR PROPERTY FOR SOLAR PHOTOVOLTAIC ENERGY GENERATION, AND (II) DEVELOPING, CONSTRUCTING (INCLUDING LAYDOWN AREAS AND STORAGE AREAS), INSTALLING, OPERATING, MAINTAINING, REPAIRING, AND REPLACING PHOTOVOLTAIC ELECTRIC ENERGY GENERATING EQUIPMENT, SUPPORTING STRUCTURES AND BALLASTS, INVERTERS, ELECTRICAL STORAGE AND TRANSFORMERS,

FIXTURES, ELECTRIC DISTRIBUTION LINES, COMMUNICATION LINES, METERING EQUIPMENT, PERIMETER FENCING, INTERCONNECTION FACILITIES AND RELATED FACILITIES AND EQUIPMENT (COLLECTIVELY, THE "FACILITY") ON THE LESSOR PROPERTY. ANY IMPROVEMENTS, FIXTURES OR STRUCTURES THAT ARE NOT A PART OF THE FACILITY SHALL NOT BE INSTALLED ON THE LESSOR PROPERTY WITHOUT THE EXPRESS WRITTEN CONSENT OF LESSOR.

2. COMMERCIAL OPERATION DATE; TERM; RENEWAL TERMS. THE TERM OF THE LEASE ("TERM") SHALL COMMENCE UPON THE EFFECTIVE DATE AND CONTINUE UNTIL 11:59 PM ON THE 25TH ANNIVERSARY OF THE COMMERCIAL OPERATION DATE. THE "COMMERCIAL OPERATION DATE" SHALL BE THE FIRST DAY OF THE FIRST FULL MONTH AFTER THE FACILITY COMMENCES COMMERCIAL PRODUCTION AND SALE OF ELECTRICITY UNDER ANY CONTRACT OR AGREEMENT OR OTHER ARRANGEMENT PURSUANT TO WHICH LESSEE SELLS THE ELECTRICITY AND RELATED ENVIRONMENTAL ATTRIBUTES (AS DEFINED IN THE LEASE) TO ANY PURCHASER THEREOF. LESSEE HAS OPTIONS TO EXTEND THE INITIAL TERM OF THE LEASE FOR 3 ADDITIONAL 5 YEAR TERMS COMMENCING IMMEDIATELY ON THE DAY THAT THE TERM WOULD OTHERWISE EXPIRE.

3. SOLAR EASEMENT. THE LEASE GRANTS TO LESSEE, FOR THE TERM OF THE LEASE, AN EXCLUSIVE SOLAR EASEMENT TO USE ALL SUNLIGHT WHICH NATURALLY ARRIVES AT THE PREMISES, INCLUDING AN EXCLUSIVE EASEMENT PROHIBITING ANY OBSTRUCTION TO THE FREE FLOW OF SUNLIGHT TO THE PREMISES THROUGHOUT THE ENTIRE AREA OF THE LESSOR PROPERTY DESCRIBED IN EXHIBIT B OF THE LEASE (THE "SOLAR PREMISES"), WHICH SHALL CONSIST HORIZONTALLY THREE HUNDRED AND SIXTY DEGREES (360°) FROM ANY POINT WHERE ANY PHOTOVOLTAIC GENERATING FACILITY IS OR MAY BE LOCATED AT ANY TIME FROM TIME TO TIME (EACH SUCH LOCATION REFERRED TO AS A "SOLAR SITE") AND FOR A DISTANCE FROM EACH SOLAR SITE TO THE BOUNDARIES OF THE SOLAR PREMISES, TOGETHER VERTICALLY THROUGH ALL SPACE LOCATED ABOVE THE SURFACE OF THE SOLAR PREMISES, THAT IS, ONE HUNDRED EIGHTY DEGREES (180°) OR SUCH GREATER NUMBER OR NUMBERS OF DEGREES AS MAY BE NECESSARY TO EXTEND FROM EACH POINT ON AND ALONG A LINE DRAWN ALONG THE PLANE FROM EACH POINT ALONG THE EXTERIOR BOUNDARY OF THE SOLAR PREMISES THROUGH EACH SOLAR SITE TO EACH POINT AND ON AND ALONG SUCH LINE TO THE OPPOSITE EXTERIOR BOUNDARY OF THE SOLAR PREMISES.

4. OTHER EASEMENTS. THE LESSOR GRANTS TO LESSEE, FOR THE TERM OF THE LEASE, THE FOLLOWING EASEMENTS OVER, ACROSS AND ON THE LESSOR PROPERTY (A) A NON-EXCLUSIVE EASEMENT ("ACCESS EASEMENT") ON AND THROUGH THE LESSOR PROPERTY FOR PURPOSES OF LESSEE'S ACCESS TO THE FACILITY ON THE PREMISES, WITHIN WHICH LESSEE MAY CONSTRUCT, USE AND/OR MAINTAIN A ROAD AT LESSEE'S EXPENSE; (B) A NON-EXCLUSIVE EASEMENT ON AND THROUGH THAT PORTION OF THE LESSOR PROPERTY CONSISTING OF THE DISTRIBUTION EASEMENT (AS DEFINED IN THE LEASE) FOR THE PURPOSE OF INSTALLING, OPERATING AND MAINTAINING AN ELECTRIC DISTRIBUTION LINE AND RELATED COMMUNICATION LINES BETWEEN THE FACILITY AND ELECTRICAL FACILITIES OWNED BY CERTAIN PURCHASERS OF ELECTRICITY AND RELATED ENVIRONMENTAL ATTRIBUTES; AND (C) AN EASEMENT AND LICENSE FOR THE FACILITY TO CREATE, CAUSE, INCREASE, ACCENTUATE, OR OTHERWISE CONTRIBUTE TO THE OCCURRENCE OF LIGHT, SHADOWS, SHADOW AND LIGHT FLICKERING, GLARE AND

REFLECTION, ON AND ACROSS THE LESSOR PROPERTY. UNDER THE TERMS OF THE LEASE, LESSEE SHALL ALSO BE ENTITLED TO INGRESS AND EGRESS TO AND FROM ITS FACILITY AND APPURTENANT EQUIPMENT AND ELECTRICAL POWER LINES OVER THE PREMISES AND SUCH ADDITIONAL AREAS OF THE LESSOR PROPERTY AS SHALL BE REASONABLY NECESSARY TO ACCESS A PUBLIC ROADWAY OR ALLEY.

5. OWNERSHIP OF LESSEE'S IMPROVEMENTS; DISCLAIMER OF TITLE TO ENVIRONMENTAL ATTRIBUTES. THE FACILITY AND RELATED EQUIPMENT CONSTRUCTED, INSTALLED OR PLACED ON THE PREMISES AND WITHIN THE ACCESS EASEMENT, DISTRIBUTION EASEMENT AND UTILITY EASEMENT BY LESSEE PURSUANT TO THE LEASE SHALL BE THE SOLE PROPERTY OF LESSEE, AND LESSOR AGREES THAT IT SHALL HAVE NO OWNERSHIP OR OTHER INTEREST IN THE FACILITY AND RELATED EQUIPMENT OWNED BY LESSEE ON THE PREMISES OR WITHIN THE ACCESS EASEMENT, DISTRIBUTION EASEMENT AND UTILITY EASEMENT. THE FACILITY IS AND SHALL REMAIN PERSONAL PROPERTY OF THE LESSEE, NOTWITHSTANDING ANY PRESENT OR FUTURE COMMON OWNERSHIP OF THE FACILITY AND THE PREMISES, AND IRRESPECTIVE OF WHETHER ANY OF THE FACILITY IS DEEMED TO BE A FIXTURE OR OTHERWISE PART OF THE LESSOR PROPERTY OR ANY IMPROVEMENTS ON THE LESSOR PROPERTY, AND LESSOR ACKNOWLEDGES THAT THE FACILITY IS AND SHALL REMAIN PERSONAL PROPERTY OF LESSEE IRRESPECTIVE OF THE MANNER OF ITS ATTACHMENT OR CONNECTION TO THE LESSOR PROPERTY. LESSOR ACKNOWLEDGES THAT LESSEE'S LENDERS MAY REQUEST A FIRST PRIORITY SECURITY INTEREST IN THE FACILITY AS COLLATERAL FOR FINANCING OF THE FACILITY, AND LESSOR CONSENTS TO THE GRANT BY LESSEE OF SUCH A SECURITY INTEREST, AND THE FILING OF INSTRUMENTS NECESSARY TO PERFECT SUCH A SECURITY INTEREST UNDER THE UNIFORM COMMERCIAL CODE IN THE FACILITY AS PERSONAL PROPERTY OF THE LESSEE. LESSOR AGREES THAT ALL ENVIRONMENTAL ATTRIBUTES REMAIN THE PROPERTY OF LESSEE IRRESPECTIVE OF WHETHER LESSOR CONSUMES OR USES ANY OF THE ELECTRICITY GENERATED BY THE FACILITY, AND LESSOR HAS NO TITLE OR RIGHT TO ANY SUCH ENVIRONMENTAL ATTRIBUTES RELATED TO, ARISING FROM OR ASSOCIATED WITH THE FACILITY OR ANY ELECTRICAL CAPACITY OR ENERGY CREATED BY THE FACILITY. ANY GRANT, REBATE, INCENTIVE PAYMENT, TAX CREDIT OR ANY OTHER CREDIT, VALUE, TAX OR OTHER BENEFIT ARISING FROM OR ASSOCIATED WITH THE INSTALLATION OR OWNERSHIP OF THE FACILITY OR THE PRODUCTION OF ENERGY AND CAPACITY BY THE FACILITY, INCLUDING, BUT NOT LIMITED TO, ANY PRODUCTION TAX CREDIT OR INVESTMENT TAX CREDIT PURSUANT TO 26 U.S.C. SECTIONS 45 AND 48 OR SIMILAR STATE TAX LAW PROVISIONS; AND THE REBATES AVAILABLE THROUGH UTILITY PROGRAMS SHALL INURE TO THE EXCLUSIVE BENEFIT OF LESSEE.

6. RIGHT TO ENCUMBER; ASSIGNMENT. LESSEE MAY AT ANY TIME MORTGAGE, PLEDGE OR ENCUMBER ALL OR ANY PART OF ITS INTEREST IN THE LEASE AND RIGHTS UNDER THE LEASE AND/OR ENTER INTO A COLLATERAL ASSIGNMENT OF ALL OR ANY PART OF ITS INTEREST IN THE LEASE OR RIGHTS UNDER THE LEASE TO ANY ENTITY WITHOUT THE CONSENT OF LESSOR. LESSEE MAY ASSIGN, SUBLEASE, TRANSFER OR CONVEY ITS INTERESTS IN THE LEASE TO AN AFFILIATE OR SUBSIDIARY OF LESSEE WHICH WILL OWN, LEASE OR OTHERWISE CONTROL THE FACILITY, OR AN ENTITY THROUGH WHICH SUCCEEDS TO ALL OR SUBSTANTIALLY ALL LESSEE'S ASSETS, WITHOUT LESSOR'S CONSENT. LESSEE MAY ALSO ASSIGN, SUBLEASE, TRANSFER OR CONVEY ITS INTERESTS IN THE LEASE TO A THIRD PARTY WITHOUT LESSOR'S CONSENT, SUBJECT TO THE CONDITIONS SET FORTH IN THE LEASE. LESSOR ACKNOWLEDGES THAT IT MAY NOT SELL,

TRANSFER, LEASE, ASSIGN, MORTGAGE, OR OTHERWISE ENCUMBER THE FACILITY OR LESSEE'S INTEREST IN THE LEASE AND RELATED EASEMENTS, AND ANY SALE OR CONVEYANCE OF THE LESSOR PROPERTY OR LESSOR IMPROVEMENTS SHALL BE SUBJECT TO THE LEASEHOLD AND EASEMENT INTERESTS OF LESSEE IN THE LEASE.

7. CONTINUING NATURE OF OBLIGATIONS. THE BURDENS OF THE EASEMENTS AND ALL OTHER RIGHTS GRANTED TO LESSEE IN THE LEASE RUN WITH AND AGAINST THE LEASE PREMISES AND THE LESSOR PROPERTY AND ARE A CHARGE AND BURDEN ON THE LEASE PREMISES AND THE LESSOR PROPERTY AND ARE BINDING UPON AND AGAINST LESSOR AND ITS SUCCESSORS, ASSIGNS, PERMITTEES, LICENSEES, LESSEES, EMPLOYEES AND AGENTS. THE LEASE PREMISES, INCLUDING THE EASEMENTS AND ALL OTHER RIGHTS GRANTED TO LESSEE IN THE LEASE, INURE TO THE BENEFIT OF LESSEE AND ITS SUCCESSORS, ASSIGNS, PERMITTEES, LICENSEES AND LESSEES. ANY SALE OR CONVEYANCE OF THE LESSOR PROPERTY OR LESSOR IMPROVEMENTS IS SUBJECT TO THE LEASEHOLD AND EASEMENT INTERESTS OF LESSEE IN THE LEASE.

8. LANDOWNER ACTIVITIES. LESSOR USES THE LESSOR PROPERTY FOR AGRICULTURAL PURPOSES. LESSEE RESERVES THE RIGHT TO RELOCATE OR RECONFIGURE THE FACILITY UPON THE PREMISES DURING THE TERM OF THIS LEASE. LESSEE AGREES TO COOPERATE WITH LESSOR TO LOCATE THE FACILITY ON THE PREMISES IN A MANNER THAT MINIMIZES INTERFERENCE WITH AGRICULTURAL OR BUSINESS OPERATIONS OF LESSOR OR LESSOR'S TENANTS, TO THE EXTENT CONSISTENT WITH LESSEE'S PLANNED USE OF THE PREMISES.

9. PURPOSE OF THIS MEMORANDUM. THIS MEMORANDUM HAS BEEN EXECUTED, DELIVERED AND RECORDED FOR THE PURPOSE OF GIVING NOTICE OF THE LEASE, EASEMENTS, AND OTHER RIGHTS IN ACCORDANCE WITH THE TERMS, COVENANTS AND CONDITIONS OF THE LEASE. THE TERMS AND CONDITIONS OF THE LEASE ARE INCORPORATED BY REFERENCE INTO THIS MEMORANDUM AS IF SET FORTH FULLY HEREIN AT LENGTH. IN THE EVENT OF ANY CONFLICT BETWEEN THE TERMS AND PROVISIONS OF THE LEASE AND THIS MEMORANDUM, THE LEASE SHALL CONTROL.

[Signature pages follow]

IN WITNESS WHEREOF, each of the parties hereto has executed and delivered this Memorandum as of the day and year first above written.

LESSEE: **US SOLAR DEVELOPMENT LLC,**
a Delaware limited liability company

By: _____

Name: Reed Richerson

Title: Authorized Signatory

STATE OF MINNESOTA

COUNTY OF Hennepin

This instrument was acknowledged before me on March 12, 2025 by Reed Richerson, the Authorized Signatory of US Solar Development LLC, a Delaware limited liability company, on behalf of the company.

_____
Name Printed:
Gillian Paulie Rose Molland

(SEAL)

GILLIAN PAULIE-ROSE MOLLAND
Notary Public
State of Minnesota
My Commission Expires
January 31, 2026

[Signature Page]

Lessor: Jean M. Greenwaldt, a single person.

By: Jean M Greenwaldt

Name: Jean M. Greenwaldt

STATE OF Minnesota

COUNTY OF Wadena

The foregoing instrument was acknowledged before me on this 11th day of February, 2025 by Jean M. Greenwaldt, a single person.

Jean M Greenwaldt
Name Printed:

TAMMY KAY LUPKES
Notary Public
Minnesota
My Commission Expires Jan. 31, 2030

Sworn/affirmed before me this
11th day of February, 2025
Tammy Kay Lupkes
Signature of Notary Public
My commission expires 1-31-2030

THIS INSTRUMENT DRAFTED BY:

Bruce A. Bedwell. Esq.
United States Solar Corporation
Washington Ave N., Suite 350
Minneapolis, MN 55401
612.260.2230

[Signature Page]

EXHIBIT A TO
MEMORANDUM OF LEASE AND SOLAR EASEMENT

Lessor Property, Lease Premises, Access Easement, Distribution Easement, Utility Easement and Laydown Area

1. Lessor Property: One tract(s) in Todd County, Minnesota described as follows:

Property ID: 28-0001100
Deeded Acreage: 120.00

Legal Description:

The East Half of the Southwest Quarter (E1/2 SW1/4) and the Northwest Quarter of the Southwest Quarter (NW1/4 SW1/4) of Section Two (2), Township One Hundred Thirty-One (131) North, Range Thirty-Five (35) West of the 5th P.M.

Lessor gives Lessee permission to input the full legal description for the Lessor Property after the Effective Date.

2. Lease Premises: Up to 60 acres of the one tract comprising the Lessor Property as described above. Approximate depiction of the Lease Premises (orange) is shown below. Precise legal description of the Lease Premises to be added following Effective Date pursuant to Section 2.4 of the Agreement.

3. Access Easement: Approximate depiction of the Access Easement (green) is shown below. Precise legal description of the Access Easement to be added following Effective Date pursuant to Section 2.4 of the Agreement.

4. Distribution Easement: Approximate depiction of the Distribution Easement (red) is shown below. Precise legal description of the Distribution Easement to be added following Effective Date pursuant to Section 2.4 of the Agreement.

5. Utility Easement: Approximate depiction of the Utility Easement (blue) is shown below. Precise legal description of the Utility Easement to be added following Effective Date pursuant to Section 2.4 of the Agreement.

6. Laydown Area. N/A

EXHIBIT A CONT.

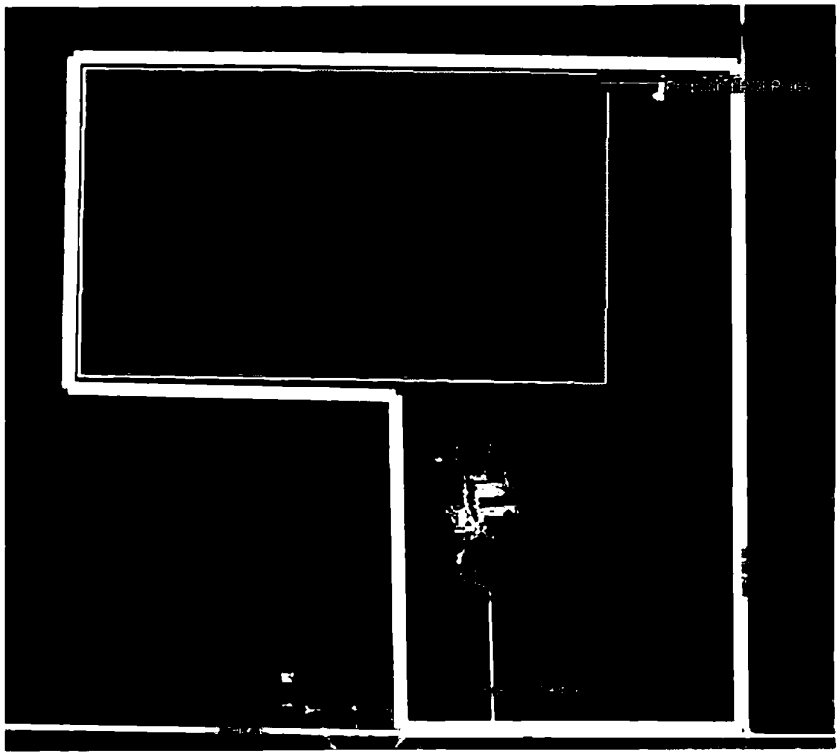


EXHIBIT B TO
MEMORANDUM OF LEASE AND SOLAR EASEMENT

Description of Solar Premises

1. Solar Premises.

Same as Lease Premises as described above in Exhibit A.

APPENDIX IV – ADDITIONAL PROJECT DOCUMENTS

Eagle Bend Solar LLC
Vegetation Management Plan

Prepared December 2025

Natural Resource Services

35-Year Solar Site Habitat Management

Economical production of power is the foremost goal on solar sites. There is a parallel opportunity to provide critically important native pollinator friendly habitat throughout the array while capitalizing on the long-term low maintenance needs of native vegetation.

Establishing prairies and other native plant communities within the confines of solar sites provides a tremendous opportunity to restore ecosystems that have been severely degraded and eliminated across all areas of the country.

Native plants have profound root systems, many reaching 10 or more feet deep into the soil. Rainwater follows those roots into the ground, helping reduce water runoff and promote the drainage of standing water into the aquafer. Those deep roots also stabilize the soil, preventing erosion from rain and wind. The plants provide seeds for songbirds, cover for game birds and, of course, provide the blossoms and host plants for our beloved butterflies and other nectar loving insects.

Native grasses and forbs will be selected based on their ecological appropriateness to the specific conditions of this site, with consideration to their mature height as to not interfere with panel productivity. These species will not require irrigation, fertilizer or other soil amendments.

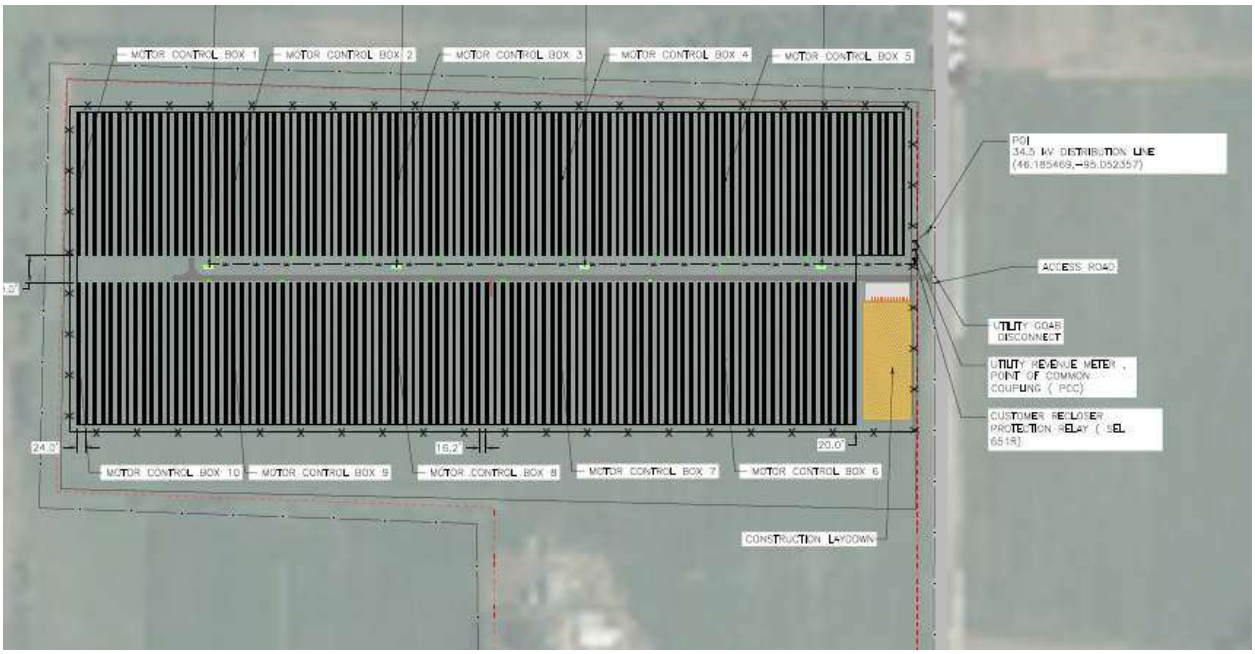
The contribution to habitat restoration cannot be overstated given the acreage impacted and lifespan of the project.



Eagle Bend Solar LLC Site Location & Layout

15th Avenue at 380th Street, Eagle Bend MN





Recommended Vegetation Management Procedures

Establishment Phase (growing seasons 1, 2 and 3)

Year 1: Complete site mowings to control annual/biennial weed canopy and prevent production of viable seed.

- 2-3 mowings are typical depending on soils, weather patterns and planting dates.
- Mowing to be done using specialized zero-radius mowers, orchard mowers and/or flail mowers
- Target mowing height of 4-6 inches.
- Reporting to designated contact following each visit including a recap of activities, site conditions and recommendations for future management.

Year 2: Complete site mowing to control annual/biennial weed canopy and prevent production of viable seed.

- 2 mowings likely in the late spring or early summer.
- Mowing to be done using specialized zero-radius mowers, orchard mowers and/or flail mowers
- Target mowing height of 4-6 inches.
- Reporting to designated contact following each visit including a recap of activities, site conditions and recommendations for future management.

Integrated Vegetation Management (IVM)

- 1 site visit is typical depending on growth and weed populations.
- Includes spot mowing, spot herbicide application, herbicide wicking, etc.
- Equipment used includes tractor and/or ATV mounted sprayers.
- Reporting to designated contact following each visit including a recap of activities, site conditions and recommendations for future management.

Year 3: Integrated Vegetation Management (IVM)

- 3 site visits are typical depending on growth and weed populations.
- Includes spot mowing, spot herbicide application, herbicide wicking, etc.
- Equipment used includes tractor and/or ATV mounted sprayers.
- Reporting to designated contact following each visit including a recap of activities, site conditions and recommendations for future management.

Development and Maturity Phases (growing seasons 4 through 34)

Years 4 -34: Integrated Vegetation Management (IVM)

- Two partial site visits are typical depending on vegetation status
- Includes spot herbicide applications and/or herbicide wicking.
- Equipment used includes tractor and/or ATV mounted sprayers.
- Includes a complete site mowing once every 3 years to mulch up biomass and recycle nutrients. In years when a mowing occurs, only one IVM visit will be necessary.
- Reporting to designated contact following each visit including a recap of activities, site conditions and recommendations for future management.

Notes

The Partial Site Visits referred to in years 4-34 imply that only portions of the site will need treatment. The entire project area will be assessed during these visits.

Monitoring

Consistent monitoring of the project is essential in order to evaluate vegetative establishment, weed presence and possible erosion concerns. This information helps determine which management technique to use, the proper timing of the implementation and whether or not any other remedial action is required.

It is important to note that management activities may need to be implemented in a phased approach based on when a particular area of the site was seeded. Careful management of project will be required to ensure that right management techniques are implemented in the right areas at the right time.

Additional Notes on Vegetation Management:

- Establishing a successful native landscape is important but the vegetation also needs to be managed so that the array can function to its full capacity. This would include controlling vegetation along roads, combiner boxes, power panels, etc.
- Solar crews will mechanically control weed growth underneath the panel. Mowing/trimming around every post is not included and not necessary from a plant community health standpoint.
- On larger scale sites, solar crews will utilize GPS units to ensure complete and consistent coverage.
- After establishment, the site should be mowed once every 3-4 years. This mulching mowing most closely replicates the beneficial aspects of a prescribed burn which cannot be used on a solar site for obvious reasons. These mowings would typically occur during the winter (snow-free) or spring, often before the ground thaws.
- Additional mowing or trimming may be needed if shading of the panels occurs, either by native or non-native vegetation. As a general rule, this type of mowing, if needed, should be limited to the areas immediately in front of the panel's lower edge. Mowing the entire aisles would entail potentially mowing flowers in bloom which would defeat the purpose of the pollinator planting.
- Adaptive management is important with any native plant community. This vegetative management plan should be viewed as living document, adapting along with changing site conditions, weather patterns and any external influences that occur.



Diverse, established native pollinator friendly habitat on a solar site.

Westwood

12701 Whitewater Drive, Suite 300
Minnetonka, MN 55343

Main (952) 937-5150
Fax (952) 937-5822

westwoodps.com
(888) 937-5150

October 10, 2025

Luke Gildemeister
USS Eagle Bend Solar, LLC
323 North Washington Avenue
Minneapolis, Minnesota 55401

Re: Phase I Environmental Site Assessment for USS Eagle Bend Solar
15010 380th St
Eagle Bend, Todd County, Minnesota
Project No. R0070280.00
ASTM Expiration Date: March 19, 2026

Dear Luke Gildemeister,

Westwood Professional Services (Westwood) completed a Phase I Environmental Site Assessment (Phase I ESA) in conformance with the scope and limitations of ASTM Practice E1527-21. Any exceptions to or deletions from this practice are described in the report below. The Project Area is located near the town of Eagle Bend in Todd County, Minnesota, and totals approximately 170-acres.

This assessment has revealed no ASTM Recognized Environmental Conditions (RECs), no Controlled Recognized Environmental Conditions (CRECs) and no Historical Recognized Environmental Conditions (HRECs) in connection with the Subject Property.

If you have any questions or wish to discuss any particular aspect of the project, please feel free to call me at 952-697-5707. We look forward to being of continued service to you.

Sincerely,

Westwood Professional Services

Jack Belvedere
Sr. Environmental Scientist

Phase I Environmental Site Assessment

USS EAGLE BEND SOLAR

15010 380TH ST

Eagle Bend, Minnesota

October 10, 2025



PREPARED BY:

Westwood

PREPARED FOR:

USS Eagle Bend Solar, LLC

Westwood

Phase I Environmental Site Assessment

USS Eagle Bend Solar
15010 380th St
Eagle Bend, Minnesota

Prepared for:

USS Eagle Bend Solar, LLC
323 North Washington Avenue
Suite 350
Minneapolis, Minnesota 55401

Prepared by:

Westwood Professional Services
12701 Whitewater Drive,
Suite 300
Minnetonka, MN 55343
(952) 937-5150

Project Number: R0070280.00
Date: October 10, 2025

ASTM Expiration Date: March 19, 2026

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1.0 EXECUTIVE SUMMARY

Westwood Professional Services (Westwood) performed this Phase I Environmental Site Assessment (Phase I ESA) for USS Eagle Bend Solar, LLC (User) in support of the leasing of the USS Eagle Bend Solar at 15010 380th St in Eagle Bend, Todd County, Minnesota. The Subject Property is associated with the Todd County parcel identification number (PIN) 28-0001100 & 28-0001600 and includes approximately 170-acres (Exhibit 1). This Phase I ESA conforms to the scope and limitations of American Society for Testing and Materials (ASTM) Standard E1527-21, and 40 CFR § 312 Subp. C., All Appropriate Inquiries (AAI) Standards and Practices.

This assessment has revealed no ASTM Recognized Environmental Conditions (RECs), no Controlled Recognized Environmental Conditions (CRECs) and no Historical Recognized Environmental Conditions (HRECs) in connection with the Subject Property.

No significant limiting conditions and/or data gaps were encountered in preparation of this Phase I ESA.

2.0 INTRODUCTION

Westwood's scope of work for this Phase I ESA conforms to the American Society for Testing and Materials (ASTM) Practice E1527-21: Standard Practice for Environmental Site Assessments: Phase I ESA Process and the AAI. The purpose of this standard practice is to define good commercial and customary practice for conducting a Phase I ESA of a parcel of real estate with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and petroleum products. As such, this practice is intended to permit a user to satisfy one of the requirements for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability, i.e. landowner liability protections. The ASTM standard is designed to meet the criteria mandated by CERCLA for AAI into the previous ownership and uses of the property consistent with good commercial or customary practice.

In defining a standard of good commercial and customary practice for conducting a Phase I ESA of a parcel of property, the goal of the ASTM practice is to identify RECs. The term RECs means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies. As defined in ASTM E1527-21, the term CREC means a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. HRECs are those that were or would have been considered to be RECs in the past, but because of additional information or a change in conditions, may no longer be considered a REC.

2.1 Purpose

According to the User, the Phase I ESA was conducted in association with the leasing of the Subject Property.

Westwood performed the Phase I ESA in accordance with ASTM Practice E1527-21 to determine if the Subject Property is known to contain an existing release, past release, or a material threat of a release of hazardous substances or petroleum products into structures or into the ground, groundwater, or surface water. As defined in CERCLA (40 CFR part 302.4), hazardous substances may include, but are not limited to, specific metals, solvents, other complex organic compounds and/or per- and polyfluoroalkyl substances (PFAS); a Phase I ESA is inherently

limited and cannot entirely eliminate the possibility of such releases. The Phase I ESA process does not include sampling, which may verify or evaluate the extent of suspected environmental impacts.

2.2 Scope of Services

The User authorized Westwood Professional Services, Inc. to conduct a Phase I ESA, which was performed in accordance with Westwood Professional Services proposal, and considered the following:

2.2.1 Records Review

Westwood obtained and reviewed available records to identify RECs in connection with the Subject Property. Availability of records information varies from information source to information source, including government jurisdictions. The ASTM standard identifies record information from standard sources and the User. The environmental professional is required to review only record information that is reasonably ascertainable or practically reviewable. Westwood researched the operations of the Subject Property back to 1939.

2.2.2 Site Reconnaissance

Westwood performed a site reconnaissance to visually observe RECs in connection with the Subject Property during one or more site visit(s). Westwood observed structures on the Subject Property to the extent that the view of such structures was not obstructed by water bodies, adjacent buildings, or other obstacles. If applicable, limitations are noted within the Phase I ESA report.

2.2.3 Interviews

Westwood conducted interviews with site representatives and state and/or local governmental agencies to obtain information in connection with the Subject Property. Refer to Section 7.0 for additional information.

2.2.4 Report

Westwood prepared this Phase I ESA report to follow the recommended report format of ASTM Practice E1527-21. This Phase I ESA report includes a scope of services, findings, opinions, and conclusions, which are supported by documentation collected during the assessment.

2.3 Significant Assumptions

Landowner contact information, site boundaries and other information pertaining to the Subject Property was provided to Westwood by the User or site representative. Westwood assumes that all information supplied is true and accurate and that the boundaries of the Subject Property are accurate based on information supplied by the User.

2.4 User Reliance

Westwood's findings and opinions in this Phase I ESA are exclusively for the use of the User. Westwood will not distribute or publish the Phase I ESA report without the consent of the User, except as required by law or court order. No other party may rely on the Phase I ESA report without Westwood's written consent. The findings and opinions contained herein are limited to use by the User. Westwood's services for this project have been performed in a manner consistent with normal standards of the profession. No other warranty or guarantee, expressed or implied, is made.

3.0 SUBJECT PROJECT DESCRIPTION

3.1 Location Description

The Subject Property is located at 15010 380th St in Eagle Bend, Todd County, Minnesota. The Subject Property is associated with Todd County PINs 28-0001100 & 28-0001600 and located within the southern half of Section 2, Township 131 North, and Range 35 West. Exhibit 2 shows the Subject Property boundaries and features.

3.2 Subject Property and Area Characteristics

The Subject Property is developed primarily as cultivated agricultural land. A farmstead with several related outbuildings occupies the southwestern portion of the Subject Property. Local access to the Subject Property was provided by the south adjoining 380th Street and the bisecting 151st Avenue, and regional access was provided by U.S. Highway 71. The Subject Property is located within an agricultural and residential area of Eagle Bend, Minnesota.

3.3 Hydrogeological and Topographical Conditions

Based on the University of Minnesota Geological Survey, Geologic Atlas of Todd County, Minnesota, the Subject Property is underlain by sand, gravelly sand, and loamy sand. Based on a west-southwest adjoining well report (Unique Well ID: 18391), depth to bedrock was noted at greater than 205 feet below ground surface (bgs) and static water level was noted at 21 feet bgs. Bedrock geology consists of Dioritic to granodioritic intrusion of uncertain age (Granodiorite & Dioritic) and Dike or sill, mafic.

The Subject Property is located at an approximate elevation of 1,405 - 1,460 feet above mean sea level (amsl) and is relatively hilly. Surficial and regional groundwater flow direction near the Subject Property is expected to flow north towards the Little Partridge River. However, the local direction of groundwater flow may be affected by nearby streams, lakes, wells, and/or wetlands and may vary seasonally.

Property-specific groundwater flow direction was not determined through direct measurement during this Phase I ESA. Additional field investigation, beyond the Scope of Services of this Phase I ESA, would be required to determine this information.

3.4 Current Uses of Subject Property

The Subject Property is primarily occupied by cultivated agricultural land. A residential farmstead with several outbuildings is located on the southwestern portion of the Subject Property.

3.5 Structures, Roads, and Improvements

The Subject Property primarily consists of cultivated agricultural land. A developed road running north/south transects the Subject Property between the eastern and central portions. Additionally, a residential farmstead with several associated outbuildings is located on the southwestern corner of the Subject Property. Outbuildings associated with the farmstead include storage barns and grain bins.

3.6 Current Uses of Adjoining Properties

Current uses of the adjoining properties consist primarily of cultivated agricultural land and forested area. Residential farmsteads are developed on the southwest and southeast adjoining properties with several ancillary structures.

4.0 INFORMATION PROVIDED BY USER

The following information was provided by the User as part of the AAI Standards and Practices.

	Yes	No	Unknown
Are title records available for review as part of this assessment?			✔
Is the User aware of environmental liens, activity, or use limitations encumbering the Subject Property?			✔
Is the User aware of specialized environmental knowledge for the Site?			✔
Is the User aware of any reduction in value of the Subject Property due to past or present environmental issues?			✔
Is the User aware of commonly known or reasonably ascertainable information for the Site?			✔
Is the User aware of any obvious indications of the presence or likely presence of releases or threatened releases at the Site?			✔

See Appendix Afor a copy of the User Questionnaire.

A search for environmental liens and activity and use limitations (AULs) was not provided or received by Westwood.

5.0 RECORDS REVIEW

5.1 Sources of Environmental Records

ERIS - Environmental Risk Information Services (ERIS) provided regulatory record sources listed in the ASTM Standard that were received and reviewed on September 30, 2025. The ERIS report is included in Appendix B. A search of the ASTM minimum search distances was completed by ERIS and applicable records were provided. ERIS also provided Westwood with certain supplemental environmental database records that surpass the ASTM minimum standards. Any facilities identified by Westwood within the immediate vicinity of the Subject Property are discussed in the appropriate database section. The ASTM prescribed search radius for each database searched for records by ERIS, the number of listings located on each database searched, and their appropriate locations with respect to the Subject Property, are summarized below. The listings are located as shown in the ERIS report. Refer to the ERIS report for a detailed description of each database that is searched in their evaluation, and the date of the last revision for each source searched by ERIS.

5.1.1 Subject Property

The Subject Property is listed on the following federal and/or state databases in the ERIS report:

Randy Greenwaldt, *14910 380th St, Eagle Bend, MN 56446* [Animal Feedlots (FEEDLOTS), Minnesota Pollution Control Agency: Agency Interests (MPCA AI)]:

- The Subject Property was identified on the FEEDLOTS and MPCA AI databases for an active feedlot registration related to the agricultural activities of the southwestern farmstead. A feedlot is defined as a farm where livestock are confined in lots or buildings where manure may accumulate. The feedlot has been active since January 15, 2001 and was identified with current registration. This listing is not indicative of a release or threatened release to the environment and is therefore not viewed as a concern and further regulatory file review was deemed unwarranted.

Pole mount transformer, *14910 380th St, Eagle Bend, MN 56446* [Historic spills reported to Minnesota Pollution Control Agency (HIST SPL)]:

- The Subject Property was identified on the HIST SPL database for a pole-mounted transformer spill that occurred on February 1, 2002. Records indicate that a vehicle struck the electrical pole, causing the transformer to release an estimated 4 gallons of Mineral Oil to a concrete or asphalt driveway. Records also indicate the caller reported the spill was cleaned up with absorbent pads. The reportable quantity set by the

Minnesota Pollution Control Agency (MPCA) is 5 gallons. Based on the spill quantity being under the reportable limit, we do not view this listing as an environmental concern for the Subject Property.

5.1.2 Adjoining Properties

The following adjoining properties were identified in the ERIS report:

Richard Ward Farm, *14772 380th St, Eagle Bend, MN 56446* [Animal Feedlots (FEEDLOTS), Minnesota Pollution Control Agency: Agency Interests (MPCA AI)]:

- The southwest adjoining property was identified on the FEEDLOTS and MPCA AI databases for an active feedlot registration related to the agricultural activities of the occupying farmstead. A feedlot is defined as a farm where livestock are confined in lots or buildings where manure may accumulate. The feedlot has been active since April 23, 2001 and was identified with current registration. This listing is not indicative of a release or threatened release to the environment and is therefore not viewed as a concern and further regulatory file review was deemed unwarranted.

Ehnes Farms, *14339 390th St, Eagle Bend, MN 56446* [Animal Feedlots (FEEDLOTS), Minnesota Pollution Control Agency: Agency Interests (MPCA AI)]:

- The northwest adjoining property was identified on the FEEDLOTS and MPCA AI databases for an active feedlot registration related to the agricultural activities of the occupying farmstead. A feedlot is defined as a farm where livestock are confined in lots or buildings where manure may accumulate. The feedlot has been active since December 5, 2001 and was identified with current registration. This listing is not indicative of a release or threatened release to the environment and is therefore not viewed as a concern and further regulatory file review was deemed unwarranted.

5.1.3 Surrounding Areas

Westwood reviewed the ERIS report for facilities located beyond adjoining properties that may indicate a release or likely release of hazardous substances and/or petroleum products that may impact the Subject Property. Based on factors that include regulatory status, distance from the Subject Property, and/or location relative to the regional groundwater flow direction, no facilities are identified in the ERIS report that warrant further consideration as potential recognized environmental conditions.

5.1.4 Unplottable Sites

The ERIS report did not identify unplottable sites, which, because of poor or inadequate address information, could not be mapped.

5.2 Historical Use Information

Westwood reviewed the following historical records associated with the Subject Property and adjoining properties for the denoted years below on September 30, 2025. Historical resources for the Subject Property were ordered from Historical Information Gatherers (HIG) and can be found in Appendix C.

Historical Resources Reviewed

Years	Aerial Photos	Historical Topo Maps	Fire Insurance Maps	Local Street Directories
Resource not ordered				
No coverage available			✔	
2021-Present Day	✔	✔		✔
2016-2020	✔	✔		✔
2011-2015	✔	✔		✔
2006-2010	✔			✔
2001-2005	✔			✔
1996-2000	✔			✔
1991-1995	✔			
1986-1990	✔			
1981-1985	✔			
1976-1980	✔			
1971-1975				
1966-1970	✔	✔		
1961-1965	✔			

Years	Aerial Photos	Historical Topo Maps	Fire Insurance Maps	Local Street Directories
1956-1960	✔			
1951-1955	✔			
1946-1950				
1941-1945				
Prior to 1941	✔			

5.2.1 Subject Property Aerial Photographs

The historical aerial photographs reviewed by Westwood can be found in Appendix C. In the first available aerial photograph (1939), the Subject Property appeared to be primarily developed as cultivated agricultural land. A residential farmstead with several ancillary structures appeared to be located on the southwestern portion of the Subject Property. Additionally, the westernmost portion of the Subject Property appeared to be occupied by forested and grassland area. This land use and configuration appeared to persist to the 1966 aerial photograph, with only minor changes to farmstead outbuildings over subsequent photographs. In the next-available aerial photograph (1979), the westernmost portion of the Subject Property appeared to be developed as cultivated agricultural land homogenous to the surrounding area. This land use and configuration appeared to persist to the most-recently available aerial photograph (2023), with only minor changes to farmstead outbuildings over subsequent photographs.

5.2.2 Adjoining Properties Aerial Photographs

The historical aerial photographs reviewed by Westwood can be found in Appendix C. In the first available aerial photograph (1939), the adjoining properties appeared to be primarily developed as cultivated agricultural land. Residential farmsteads with various sizes and amounts of outbuildings appeared to be developed on the north, east, southeast, and southwest adjoining properties. Additionally, a developed road appeared to run east/west between the south adjoining property and the Subject Property. This land use and configuration appeared to persist to the 2013 aerial photograph, with only minor changes to the adjoining farmsteads' outbuildings and/or orientation. In the next-available aerial photograph (2019), the east adjoining property's farmstead appeared to be removed and redeveloped to cultivated agricultural land. This land use and configuration appeared to persist to the most-recently available aerial photograph (2023).

5.2.3 Fire Insurance Maps

According to HIG, no historic map coverage is available for the Subject Property. A copy of the no coverage letter is attached in Appendix C.

5.2.4 Topographic Maps

Historical United States Geological Survey (USGS) Topographic mapping was reviewed for the Subject Property and can be found in Appendix C. Maps reviewed included the Eagle Bend, MN topographic maps for the years 1969, 2013, 2016, 2019, and 2022 (current USGS 7.5-minute map). The first available topographic map (1969), depicted the Subject Property as relatively hilly with a general gradient to the north. The topographic maps reviewed were generally consistent with the above discussed aerial photographs.

5.2.5 Business Directory Area Search

The Business Directory Area Search for the area surrounding the Subject Property reviewed by Westwood can be found in Appendix C. The Business Directory Area Search was reviewed to identify past uses of the Subject Property and adjoining properties. The Subject Property was not identified on the Business Directory Area Search. The northwest adjoining property, addressed at 14339 390th Street, was identified as Ehnes Farms in the years 2002, 2007, 2012, 2017, and 2022. No other properties were identified in the Business Directory Area Search.

5.3 Additional Environmental Records

The following additional environmental records were researched on October 2, 2025.

The United States Environmental Protection Agency (EPA) Enforcement and Compliance History Online (ECHO) – online database was researched to identify any potential environmentally sensitive operations located at the Subject Property and within the vicinity of the Subject Property that were not previously identified in Section 5.1. No additional information was identified during the review of these online database sources.

The Minnesota Department of Health's Minnesota Well Index was researched to identify the presence of groundwater wells on-site. According to the Mapper, two wells were identified at the southwestern farmstead within the Subject Property. A copy of the water well map can be found in Appendix E.

Additionally, the Minnesota Department of Agriculture (MDA) What's in My Neighborhood (WIMN) and MPCA WIMN – online databases were researched to identify any potential environmentally sensitive operations located at the Subject Property and within the vicinity of the Subject Property that were not previously identified in Section 5.1. No additional information was identified during the review of these online database sources.

A review of the US Fish & Wildlife National Wetland Mapper was conducted for the area of the Subject Property. According to the Mapper, two streams were identified intersecting the Subject Property through the central portion and southwestern corner, respectively. No mapped wetlands were identified on or adjoining the Subject Property. A copy of the wetlands map can be found in Appendix E.

The United States Environmental Protection Agency (EPA) per-and polyfluoroalkyl substances (PFAS) Analytics Tool was researched to identify any potential PFAS contamination to the Subject Property and within the vicinity of the Subject Property. According to the GIS Viewer, no points of interest were identified within or around the Subject Property. A copy of the EPA PFAS map can be found in Appendix E.

The National Pipeline Mapping System (NPMS) Public Viewer was researched to identify any potential environmentally sensitive operations or pipelines located at the Subject Property and within the vicinity of the Subject Property. According to the Public GIS Viewer, no underground pipelines or incidents were identified within the Subject Property. A copy of the NPMS map can be found in Appendix E.

5.4 Previous Environmental Assessments

Westwood was not provided with any previous environmental assessments as part of this Phase I ESA.

6.0 SITE RECONNAISSANCE

Under the guidance of the Environmental Professional, an environmental scientist from Westwood conducted a site reconnaissance of the Subject Property on October 1, 2025, in accordance with the ASTM Standard. The objective of the site reconnaissance was to obtain information indicating the likelihood of identifying RECs in connection with the Subject Property. The following observations were visually observed and recorded. Photographs from the site reconnaissance are included in Appendix D.

Westwood reviewed available aerial photography prior to conducting the site reconnaissance to identify areas of special concern. The Subject Property was reviewed and accessed by vehicle and by physically walking the property.

Site Reconnaissance

Issue	Observed On Site	Observed on Adjacent Properties
Hazardous Substances and Petroleum Products	Yes	No
Pits, Ponds, or Lagoons	No	No
Exterior Observations	No	No
Electrical or Hydraulic Equipment	Yes	Yes
Drums	No	No
Stained Soil or Pavement	No	No
Potable Water Supply	No	No
Aboveground Storage Tanks	Yes	No
Underground Storage Tanks	No	No
Odors	No	No
Pools of Liquid	No	No
Wells	No	No
Wastewater	No	No
Solid Waste and Unidentified Substances	Yes	No
Possible Fill Material or Buried Solid Waste	No	No
Stressed Vegetation	No	No

Site Reconnaissance

Issue	Observed On Site	Observed on Adjacent Properties
Septic Systems	No	No

6.1 General Description of Structures

At the time of the site reconnaissance visit, the Subject Property consisted of two parcels totaling approximately 170 acres. The Subject Property was developed primarily with cultivated agricultural land with a residential farmstead occupying the southwestern corner of the property. Additionally, an undeveloped road running north/south was observed transecting the Subject Property's parcels. The Subject Property topography was slightly hilly with a gentle slope downward toward the northwest.

6.2 Potable Water Supply

Two private wells were reported to be within the area of the southwestern farmstead within the Subject Property; however, the wells were not observed at the time of site reconnaissance.

6.3 Hazardous Substances and Petroleum Products

Hazardous substances and/or petroleum products were observed at the Subject Property during the site reconnaissance and were generally in <5-gallon containers or Aboveground Storage Tansk and observed in good condition. Additionally, no significant spills or leaks were observed.

6.4 Storage Tanks

The following aboveground storage tanks (AST)/underground storage tanks (UST) were observed on the Subject Property:

- Elevated AST - 500-gallon single walled steel fuel AST. Currently inactive and located near the southwestern farmstead.
- Fuel AST - 500-gallon single walled steel Diesel AST. Currently active and located near the southwestern farmstead. Minor staining was observed on top of the tank near where the fuel dispensor is stored.

6.5 Electrical or Hydraulic Equipment

Pole-mounted electrical distribution lines were noted on the southern property boundary running east to west along 380th Street and running north to south along 151st Avenue. Distribution lines were also observed running north to south from 380th Street to the southwestern farmstead. Additionally, one pole-mounted transformer was identified near the southwestern farmstead. The transformer appeared to be in good condition with no indications of staining or release.

6.6 Stained Soil or Pavement

No major stained or discolored soil or pavement was observed at the time of the site reconnaissance, with the exception of small oil staining located on top of the active AST near the southwestern farmstead. It is our opinion that this staining is considered a *de minimis* condition for the Subject Property.

6.7 Burn Barrels / Burn Pits

One burn pit was identified near the southwestern farmstead within the Subject Property. The burn pit was observed to be isolated and not indicative of large-scale waste removal or material burning. Observed materials within the burn pit included half-burned scrap wood and ash remnants.

6.8 Solid Waste and Unidentified Substance Containers

Three solid waste piles were identified within the Subject Property at the time of site reconnaissance. One pile was observed near the northern boundary of the Subject Property and was observed to include scrap metal, scrap tires, and miscellaneous rocks. Another solid waste pile was observed near the northwestern corner of the Subject Property and was observed to contain scrap metal, scrap tires, miscellaneous construction debris, and a derelict metal drum. The third pile was observed near the southwestern farmstead and was observed to include scrap metal, a derelict AST, and miscellaneous scrap agricultural materials/equipment.

No evidence or indicators of hazardous materials or petroleum products were observed at any of the solid waste piles.

7.0 INTERVIEWS

User

Westwood interviewed Luke Gildemeister with USS Eagle Bend Solar, LLC on September 22, 2025. The respondent indicated that they were unaware of any past or current uses of the property that might be associated with risks of environmental contamination, specific hazardous chemicals or materials that are or were present at the Subject Property, any spills or releases of hazardous substances or petroleum products, any dumped, buried or burned hazardous substances or petroleum products or any environmental concerns associated with the Subject Property.

Owner

As of this report date, no landowners have responded to our request for an interview. Landowners were asked questions pertaining to their knowledge of current or historical site conditions, environmental events, or situations that present potential environmental concerns on the Subject Property.

Local Government Officials

Westwood attempted to contact a representative from the Minnesota Pollution Control Agency office, on October 6, 2025 for the purpose of conducting a records search of past or current environmental concerns associated with the Subject Property. At the time of this report, messages have not been returned and if they are returned and it changes the outcome of this report, an addendum to this report will be issued.

8.0 LIMITATIONS, DEVIATIONS, AND DATA GAPS

Westwood based the findings and conclusions of this Phase I ESA on the procedures described in ASTM Standard E1527-21, information and observations collected during those procedures, and Westwood's interpretation of that information. The findings of this Phase I ESA are limited to the specific Subject Property described in this report, and by the accuracy and completeness of information provided by others.

A Phase I ESA does not entirely eliminate uncertainty regarding the potential for RECs in connection with the Subject Property. Performance of ASTM Standard E1527-21 is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with the Subject Property within reasonable limits of time and cost.

The following limiting conditions and/or data gaps were encountered:

- Responses to our inquiries to local government offices and/or officials were not received prior to issuance of the assessment.
- Historical resources were not readily available at five-year intervals for each decade; however, the available resources documented the Subject Property's major developmental milestones.
- The environmental lien search was not provided by the User.
- Observation of the Subject Properties was limited due to dense vegetation in some areas, limiting ground visibility.
- A completed User Questionnaire was not received prior to issuance of the assessment.
- A completed landowner questionnaire was not received prior to issuance of the assessment.

The identified limiting conditions and data gaps did not affect the environmental professional's ability to render opinions regarding conditions indicative of a release or threatened release.

9.0 FINDINGS

Westwood's findings identify all potential RECs, CRECs and HRECs through information uncovered during site reconnaissance or provided by the User, landowner, government official, ERIS report, or other sources. All findings listed in Section 9.0 that require further discussion are elaborated upon in Section 10.0 to either dismiss the finding or label it as a REC (10.1), CREC (10.2), HREC (10.3), De Minimis Condition (10.4) or an Additional Consideration (10.5).

Westwood makes the following findings based on this Phase I ESA:

- The Subject Property has been used for agricultural purposes since at least 1939.
- The government database records review identified the Subject Property and several regulated facilities within the vicinity of the Subject Property, however none are likely to impact the Subject Property.
- Minor petroleum staining was observed on top of the active Aboveground Storage Tank near the southwestern farmstead.
- Three solid waste piles were identified within the Subejct Property's boundary. No hazardous materials or petroleum products were observed to be within the waste piles.

10.0 OPINIONS

According to the User, the Phase I ESA was conducted in association with leasing of the Subject Property. Opinions expressed herein are influenced by the stated reason for conducting the Phase I ESA. Furthermore, the expressed opinions might not be applicable to alternate reasons for reliance on the content of the Phase I ESA.

10.1 Recognized Environmental Conditions

The term RECs means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies.

No RECs were identified in preparation of this Phase I ESA.

10.2 Historical Recognized Environmental Conditions

HRECs are those that were or would have been considered to be RECs in the past, but because of additional information or a change in conditions, may no longer be considered a REC.

No HRECs were identified in preparation of this Phase I ESA.

10.3 Controlled Recognized Environmental Conditions

A controlled recognized environmental condition is defined by ASTM Practice E1527-21 as "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls."

No CRECs were identified in preparation of this Phase I ESA.

10.4 De Minimis Conditions

A *de minimis* condition is one that generally does not pose a threat to human health or the environment and that would generally not trigger an enforcement action if brought to the attention of an applicable regulatory agency. Conditions determined to be *de minimis* are not RECs. The following findings are considered *de minimis* conditions:

Minor staining was observed on top of the active Aboveground Storage Tank near the Subject Property's southwestern farmstead. It is our opinion that this staining is considered a *de minimis* condition for the Subject Property.

10.5 Additional Considerations

An additional consideration is a condition that does not meet the definition of a REC, CREC, or HREC, but, in our opinion, should be brought to the attention of the User.

No additional considerations were noted based on the finding of this report.

11.0 CONCLUSIONS

Westwood performed a Phase I ESA of the Subject Property in conformance with the scope and limitations of ASTM Standard E1527-21. Exceptions to, or deletions from, this practice are described in Section 8.0 of the Phase I ESA. Our assessment did not reveal any RECs, CRECs or HRECs in connection with the Subject Property.

In the opinion of Westwood's Environmental Professional, additional investigation is not warranted at this time. Westwood's conclusions are based on the avoidance of farmstead and building sites (if applicable) during the redevelopment of the Subject Property as a solar project. This report documents the condition of the Subject Property at the time of Westwood's site reconnaissance and documents that USS Eagle Bend Solar, LLC has completed steps to comply with the AAI procedure.

12.0 REFERENCES

ASTM International. 2021. ASTM Practice E1527-21. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

ERIS - Environmental Risk Information Services Database Report. Dated September 15, 2025.

ERIS - Environmental Risk Information Services Physical Setting Report. Dated September 12, 2025.

Google. Google Earth. Interactive mapping and aerial photography online application. Available online, https://www.google.com/earth/. Accessed September 24, 2025.

Historical Information Gatherers. Historical Resources Package. Dated September 12, 2025.

Illinois State Geologic Survey. Coal Mine Viewer (ILMINES). Available online, https://ilmineswiki.web.illinois.edu/wiki/ILMINES. Accessed September 24, 2025.

Illinois State Geologic Survey. Oil and Gas Resources Mapper. Available online, https://prairie-research.maps.arcgis.com/apps/webappviewer. Accessed September 24, 2025.

Illinois State Geologic Survey. Water and Related Wells Mapper. Available online, https://prairie-research.maps.arcgis.com/apps/webappviewer. Accessed September 24, 2025.

National Pipeline Mapping System. Public Pipeline Viewer. Available online, https://pvnpms.phmsa.dot.gov/PublicViewer/. Accessed September 24, 2025.

United States Department of Agriculture . Web Soil Survey. Available online, https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx. Accessed September 24, 2025.

United States Environmental Protection Agency. "All Appropriate Inquiries" Final Rule, 40 C.F.R. Part 312 (2014).

United States Environmental Protection Agency. Enforcement and Compliance History Online database. Available online, https://echo.epa.gov/. Accessed September 24, 2025.

United States Environmental Protection Agency. Per- and Polyfluoroalkyl Substances (PFAS) Analytics Tool. Available online, https://awsedap.epa.gov/public/extensions/pfas_tools/pfas_tools.html. Accessed September 24, 2025.

United States Department of Agriculture. Natural Resources Conservation Service. Web Soil Survey. Accessed September 24, 2025.

United States Fish & Wildlife Service, Wetlands Mapper. https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/. Accessed September 24, 2025.

USGS. TopoView. Accessed September 24, 2025.

Todd County Assessor. Real Property Records. Accessed September 24, 2025.

13.0 QUALIFICATIONS

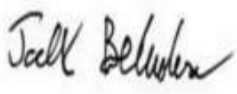
Environmental Professional's Statement:

I declare that, to the best of my professional knowledge and belief, I meet the definition of environmental professional as defined in §312.10 of 40 CFR § 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Project Area. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Name	Degrees	Years' Experience	Role on Project
Michael Deal II	B.S., Environmental Science	1	Report Preparation
Jack Belvedere	B.S., Environmental Science	7	Site Reconnaissance Peer Review Quality Assurance Environmental Professional

Prepared and Reviewed by:

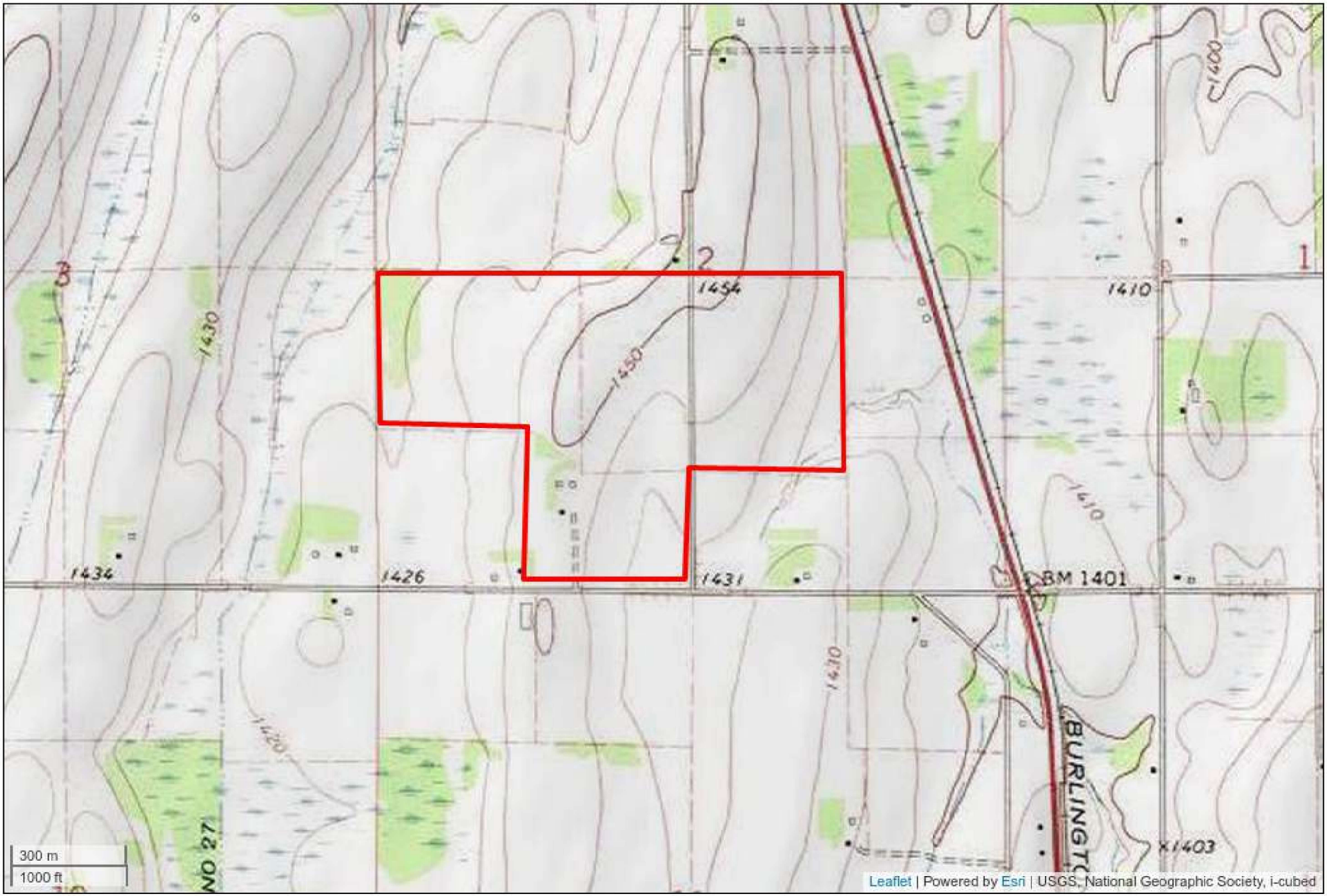




Michael Deal II
Environmental Scientist
Michael.Deal@Westwoodps.com

Jack Belvedere
Sr. Environmental Scientist
Jack.Belvedere@westwoodps.com

Exhibit 1: Project Location



Project Boundary & USGS Topography

USS Eagle Bend Solar

Eagle Bend, Minnesota

EXHIBIT 1

Westwood

Exhibit 2: Project Area and Subject Property



Project Area & Subject Property

USS Eagle Bend Solar

Eagle Bend, Minnesota

EXHIBIT 2

Westwood

Appendix A: User Questionnaire

Westwood

AAI USER/LANDOWNER QUESTIONNAIRE

Please complete and return to Rachel Ludicke at:
Westwood, 2901 Dallas Parkway, Suite 400, Plano, TX 75093
OR by email to Rachel.ludicke@westwoodps.com

Project Name USS Eagle Bend Solar LLC

Form Completed by Luke Gildemeister **Date** 9/22/25

Title Project Developer **Company** US Solar

Email luke.gildemeister@us-solar.com **Phone Number** 612-230-0172

Duration associated with Subject Property .5 – 1 years

Check All That Apply: ☐ Owner ☒ User ☐ Occupant ☐ Site Manager

All questions should be answered to the best of your existing knowledge.

	Question	Yes	No	Unknown	Comments (explain if yes)
1	Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law?		X		
2	Are you aware of any hazardous chemical spills or materials (such as oil, gas, farm chemicals, or other petroleum-based products), past or present, at the property?		X		
3	Are you aware of any activity/use limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?		X		

	Question	Yes	No	Unknown	Comments (explain if yes)
4	Do you have any specialized knowledge or experience related to the property or nearby properties?	X			I have developed this project for .5 – 1 years so I am generally familiar with the proposed project area.
5	Are you aware of a reduction in the value of the property due to past or present environmental contamination?		X		
6	Are you aware of commonly known or reasonably ascertainable information about the property that would help identify conditions indicative of a release or threatened releases?		X		
7	Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?		X		

Additional Comments:

Appendix B: Regulatory Database Report

DATABASE REPORT

Project Property:	*USS Eagle Bend Solar* *15010 380th Street* *Eagle Bend MN*
Project No:	*2093526*
Report Type:	*Database Report*
Order No:	*25092300462*
Requested by:	*Historical Information Gatherers*
Date Completed:	*September 25, 2025*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

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Executive Summary

Property Information:

Project Property:	*USS Eagle Bend Solar* *15010 380th Street Eagle Bend MN*
Project No:	*2093526*

Coordinates:

Latitude:	*46.18387209*
Longitude:	*-95.05447248*
UTM Northing:	*5,116,528.86*
UTM Easting:	*341,446.57*
UTM Zone:	*UTM Zone 15T*

Elevation: *1,448 FT*

Order Information:

Order No:	*25092300462*
Date Requested:	*September 23, 2025*
Requested by:	*Historical Information Gatherers*
Report Type:	*Database Report*

Historicals/Products:

ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
PLP	Y	1	0	0	0	0	0	0
DEL PLP	Y	1	0	0	0	0	0	0
SHWS	Y	0.5	0	0	0	0	-	0
SITE ASSESSMENT	Y	0.25	0	0	0	-	-	0
SWF/LF	Y	0.5	0	0	0	0	-	0
LCP	Y	0.5	0	0	0	0	-	0
UNPERMITTED LF	Y	0.5	0	0	0	0	-	0
RECYCLING	Y	0.5	0	0	0	0	-	0
HIST LUST	Y	0.5	0	0	0	0	-	0
DEL LUST	Y	0.5	0	0	0	0	-	0
HIST LAST	Y	0.5	0	0	0	0	-	0
HIST LEAKSITES	Y	0.5	0	0	0	0	-	0
LST REM SITE	Y	0.5	0	0	0	0	-	0
LST INCIDENT	Y	0.5	0	0	0	0	-	0
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	0	-	-	0
AST	Y	0.25	0	0	0	-	-	0
HIST TANK	Y	0.25	0	0	0	-	-	0
DELISTED TANK	Y	0.5	0	0	0	0	-	0
INST	Y	0.5	0	0	0	0	-	0
AG CONTINGENCY	Y	0.125	0	0	-	-	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
VIC	Y	0.5	0	0	0	0	-	0
POTENTIAL VIC	Y	0.5	0	0	0	0	-	0
MPCA AI	Y	0.5	0	**2**	0	**3**	-	**5**
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0

County ***No County standard environmental record sources available for this State.***

Additional Environmental Records

Federal

PFAS GHG	Y	0.5	0	0	0	0	-	0
OSC RESPONSE	Y	0.125	0	0	-	-	-	0
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
PFAS ERNS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
POWER PLANTS	Y	0.125	0	0	-	-	-	0
HIST RISK	Y	0.125	0	0	-	-	-	0
State								
SPILLS	Y	0.125	0	0	-	-	-	0
AG SPILLS	Y	0.125	0	0	-	-	-	0
HIST SPL	Y	0.125	0	**1**	-	-	-	**1**
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
PFAS GW	Y	0.5	0	0	0	0	-	0
PFAS LANDFILL	Y	0.5	0	0	0	0	-	0
CDL	Y	PO	0	-	-	-	-	0
FEEDLOTS	Y	0.5	0	**2**	0	**3**	-	**5**
TIER 2	Y	0.125	0	0	-	-	-	0
BULK STORAGE	Y	0.25	0	0	0	-	-	0
Tribal	***No Tribal additional environmental record sources available for this State.***							
County	***No County additional environmental record sources available for this State.***							
	Total:		0	**5**	0	**6**	0	**11**

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	FEEDLOTS	Randy Greenwaldt	14910 380th St Eagle Bend MN	SSW	0.00 / 19.49	0	17
1	HIST SPL	Pole mount transformer	14910 380th St Eagle Bend MN ***Program Int ID:*** 233158	SSW	0.00 / 19.49	0	19
1	MPCA AI	Randy Greenwaldt	14910 380th St Eagle Bend MN 56446	SSW	0.00 / 19.49	0	20
2	FEEDLOTS	Richard Ward Farm	14772 380th St Eagle Bend MN	WSW	0.12 / 637.03	-18	22
2	MPCA AI	Richard Ward Farm	14772 380th St Eagle Bend MN 56446	WSW	0.12 / 637.03	-18	24
3	FEEDLOTS	Ehnes Farms	14339 390th St Eagle Bend MN	WNW	0.28 / 1,476.84	-10	26
3	MPCA AI	Ehnes Farms	14339 390th St Eagle Bend MN 56446	WNW	0.28 / 1,476.84	-10	29
4	FEEDLOTS	Scott Irlbeck Farm	14513 380th St Eagle Bend MN	SW	0.45 / 2,380.98	-26	30
4	MPCA AI	Scott Irlbeck Farm	14513 380th St Eagle Bend MN 56446	SW	0.45 / 2,380.98	-26	33
5	FEEDLOTS	Shelly Rae Aspengren	37485 155th Ave Eagle Bend MN	SE	0.47 / 2,486.86	-27	35
5	MPCA AI	Shelly Rae Aspengren	37485 155th Ave Eagle Bend MN 56446	SE	0.47 / 2,486.86	-27	37

Executive Summary: Summary by Data Source

Standard

State

MPCA AI - MPCA Agency Interests

A search of the MPCA AI database, dated Jul 30, 2025 has found that there are 5 MPCA AI site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Randy Greenwaldt	14910 380th St Eagle Bend MN 56446	SSW	0.00 / 19.49	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Richard Ward Farm	14772 380th St Eagle Bend MN 56446	WSW	0.12 / 637.03	2
Ehnes Farms	14339 390th St Eagle Bend MN 56446	WNW	0.28 / 1,476.84	3
Scott Irlbeck Farm	14513 380th St Eagle Bend MN 56446	SW	0.45 / 2,380.98	4
Shelly Rae Aspengren	37485 155th Ave Eagle Bend MN 56446	SE	0.47 / 2,486.86	5

Non Standard

State

HIST SPL - Historic spills reported to the Pollution Control Agency

A search of the HIST SPL database, dated Nov 1, 2016 has found that there are 1 HIST SPL site(s) within approximately 0.12miles of the project property.

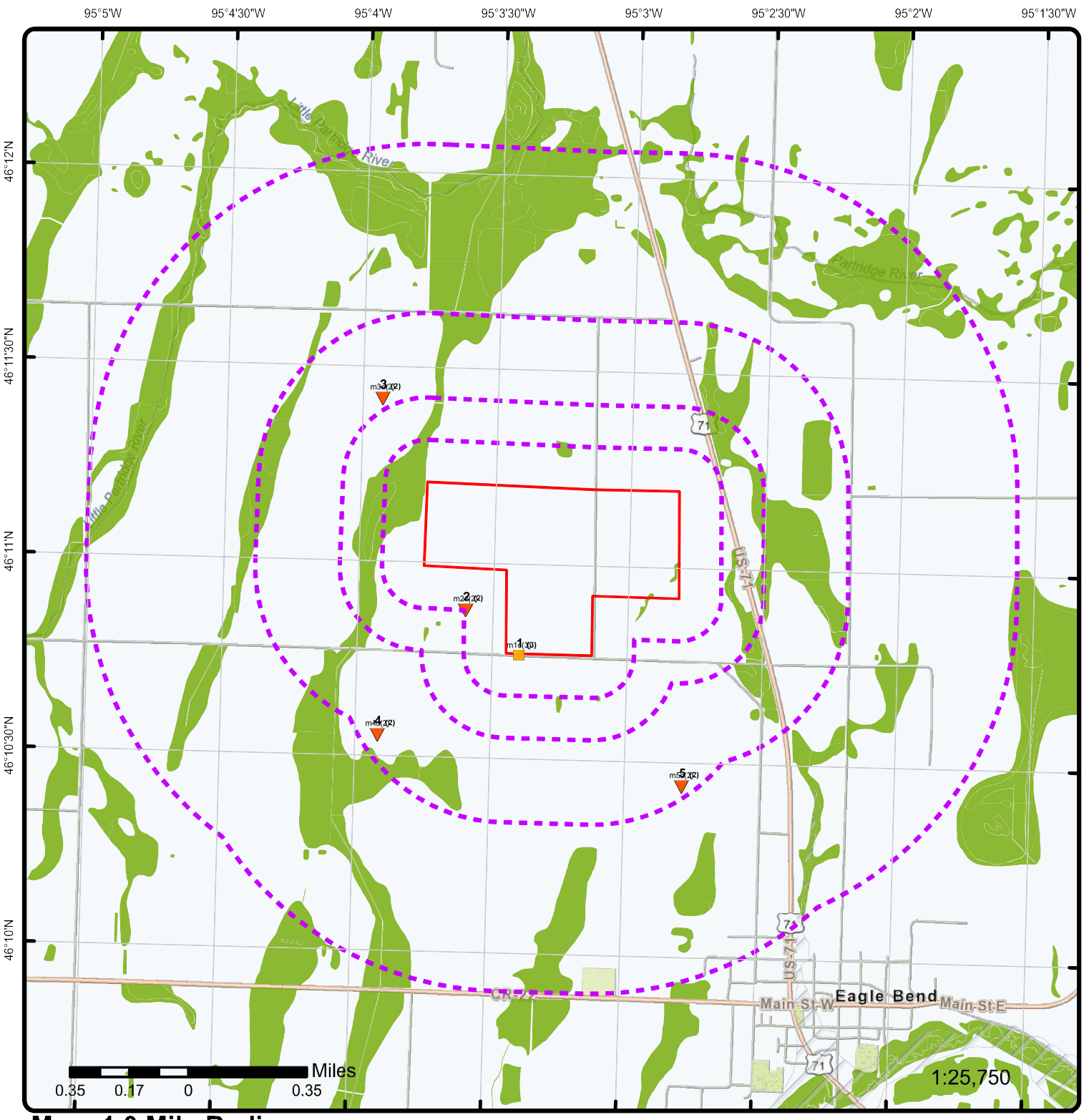
Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Pole mount transformer	14910 380th St Eagle Bend MN ***Program Int ID**: 233158*	SSW	0.00 / 19.49	1

FEEDLOTS - Animal Feedlots

A search of the FEEDLOTS database, dated Mar 7, 2025 has found that there are 5 FEEDLOTS site(s) within approximately 0.50miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Randy Greenwaldt	14910 380th St Eagle Bend MN	SSW	0.00 / 19.49	1

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Richard Ward Farm	14772 380th St Eagle Bend MN	WSW	0.12 / 637.03	2
Ehnes Farms	14339 390th St Eagle Bend MN	WNW	0.28 / 1,476.84	3
Scott Irlbeck Farm	14513 380th St Eagle Bend MN	SW	0.45 / 2,380.98	4
Shelly Rae Aspengren	37485 155th Ave Eagle Bend MN	SE	0.47 / 2,486.86	5



Map: 1.0 Mile Radius

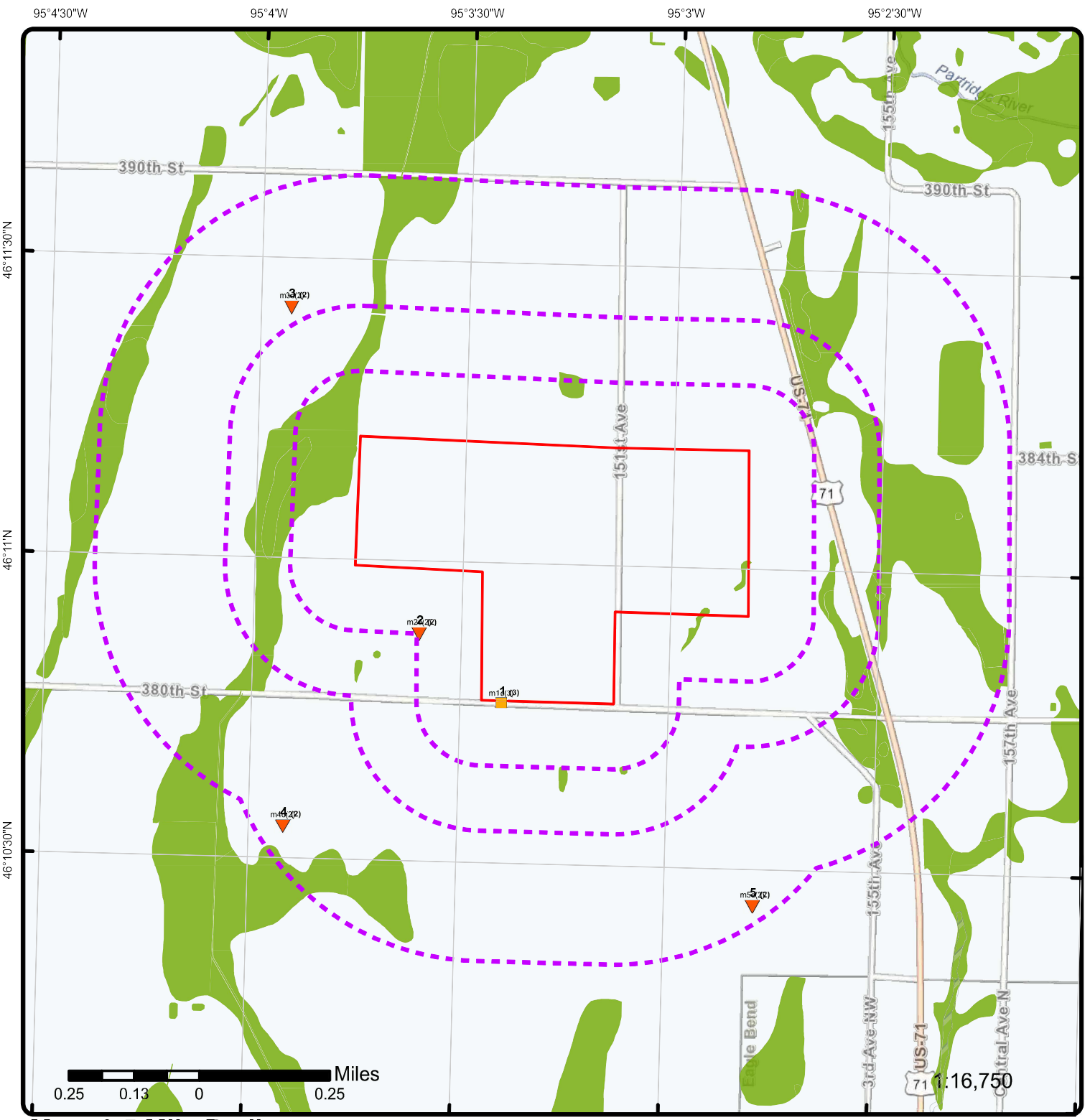
Order Number: 25092300462

Address: 15010 380th Street, Eagle Bend, MN

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

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Map: 0.5 Mile Radius

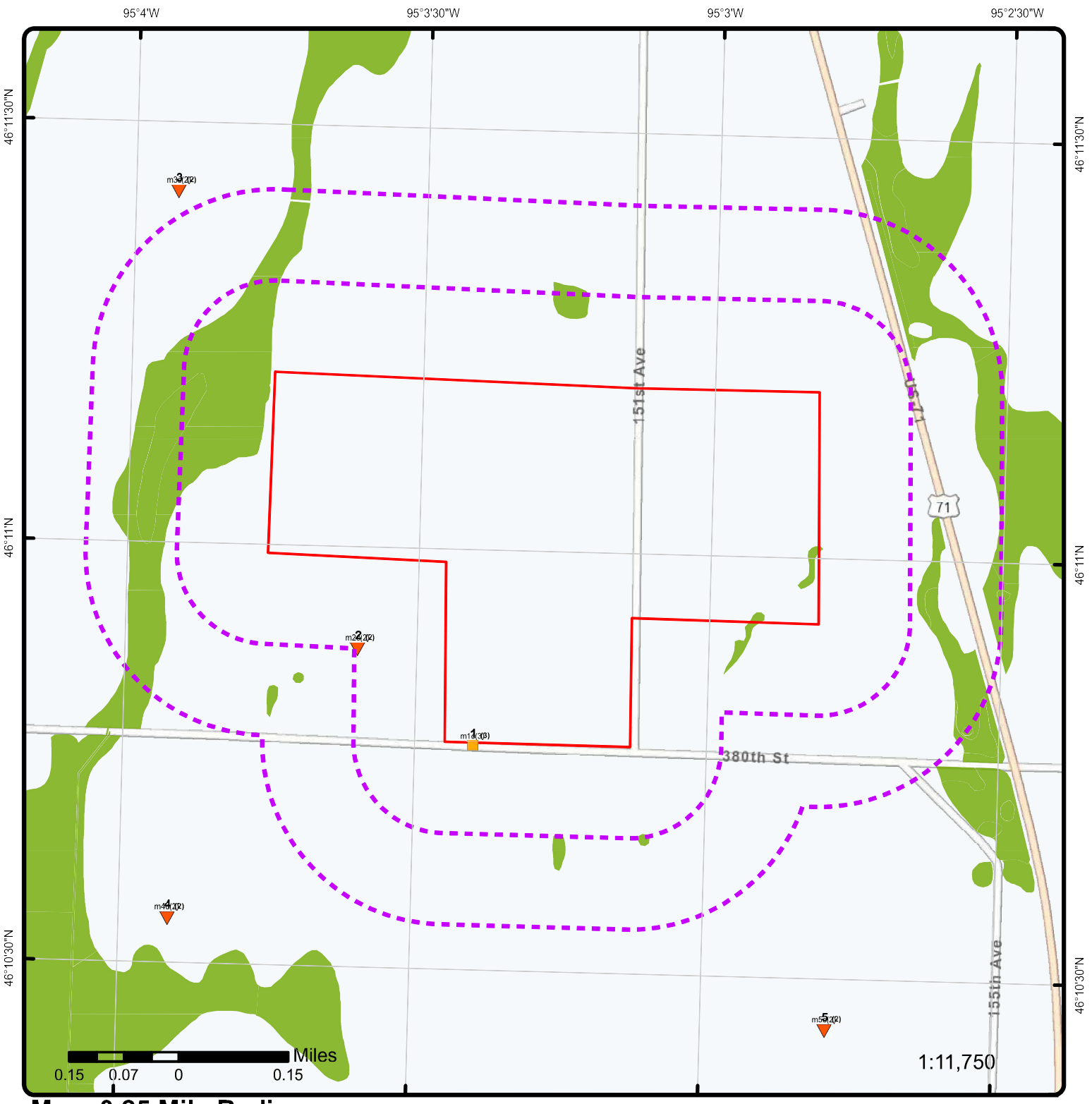
Order Number: 25092300462

Address: 15010 380th Street, Eagle Bend, MN

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

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Map: 0.25 Mile Radius

Order Number: 25092300462

Address: 15010 380th Street, Eagle Bend, MN

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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Aerial

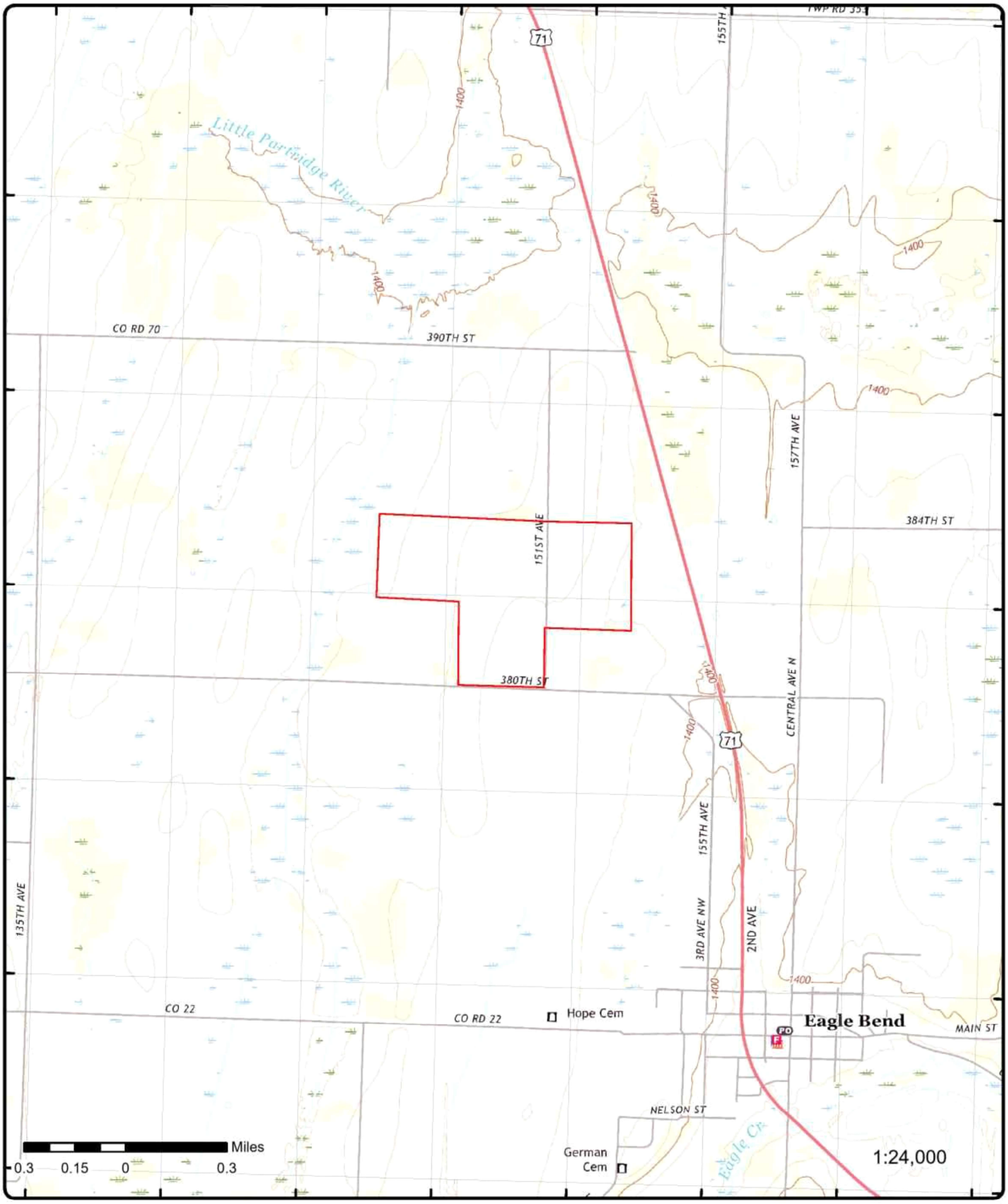
Year: 2024

Order Number: 25092300462

Address: 15010 380th Street, Eagle Bend, MN

Source: ESRI World Imagery

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Topographic Map

Year: 2022

Order Number: 25092300462

Address: 15010 380th Street, MN

Quadrangle(s): Eagle Bend MN

Source: USGS Topographic Map

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Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of3	SSW	0.00 / 19.49	1,447.21 / 0	Randy Greenwaldt 14910 380th St Eagle Bend MN	FEEDLOTS

AI ID (Map):	78488	**Site ID (WIMN):**	78488
Registrtn No (Map):	153-80490	**Activity ID (WIMN):**	153-80490
County Name (Map):	Todd	**County (WIMN):**	Todd
Latitude (Map):	46.18252	**Lat (WIMN):**	46.18252
Longitude (Map):	-95.05629	**Long (WIMN):**	-95.05629
Point X:	-95.05629	**County Cod:**	153
Point Y:	46.18252		

Name (Map):	Randy Greenwaldt
Physical Address (Map):	14910 380th St
Physical City (Map):	Eagle Bend
Physical State (Map):	MN
Physical Zip (Map):	56446
Location Desc (Map):	
Site Name (WIMN):	Randy Greenwaldt
Address 1 (WIMN):	14910 380th St
Address 2 (WIMN):	
City Name (WIMN):	Eagle Bend
State (WIMN):	MN
Zip Code (WIMN):	56446
Data Source:	MPCA Geospatial Commons -Animal Feedlot Facilities Location in Minnesota(Map); MPCA - What's in My neighbourhood - Feedlots list (WIMN)

Details (Map)

Active Reg:	Yes	**Item ID:**	78488-AREA0000000001
Activity Permit:		**Lamaalpac Au:**	0.0
Activity Regstrtn:	REG20210001	**Last Animal Date:**	
Alpacas:	0.0	**Lq S Close Date:**	
Animal Count:	110	**Lq Store Flag:**	No
Au Count:	106.5	**M Well Distance:**	0
Birds Au:	0.0	**No Permit:**	
Bison:	0.0	**Open Lot Flag:**	Yes
Bison Calf:	0.0	**Other Au:**	0.0
Bovines Au:	106.5	**Pasture Flag:**	Yes
Building Flag:	Yes	**Permit Flag:**	No
Bull Mature:	0.0	**Pigs Au:**	0.0
Cafo Flag:		**Primary Stock:**	Dairy Cattle >1000 lbs
Calf B:	0.0	**Program List:**	FE
Calf D:	25.0	**Ref Code:**	GEN
Cattle Db:	60.0	**Ref Desc:**	General Location
Cattle Dl:	0.0	**River Stream Flag:**	No
Chx B Big:	0.0	**Senate Dist:**	5
Chx B Little:	0.0	**Sheep:**	0.0
Chx L Big:	0.0	**Shoreland Flag:**	No
Chx L Little:	0.0	**Sl CAT:**	AREA
Chx Lm:	0.0	**Sl ID:**	1
Co No Reg:		**Sol S Close Date:**	
Collection Date:	4/12/2021	**Sol Store Flag:**	No
Cong Dist:	7	**Start D Per:**	
Cow Calf B:	0.0	**Start D Reg:**	4/12/2021
Deerelk Au:	0.0	**Status FDLT:**	active
Duck:	0.0	**Steer B:**	0.0
Duck Lm:	0.0	**Swine Big:**	0.0
End D Per:		**Swine Little:**	0.0

End D Reg:	13-Apr-2025	**Swine Medium:**	0.0
Goatsheep Au:	0.0	**Title Permit:**	
H Well Distance:	300	**Title Reg:**	153-80490
Heifer B:	0.0	**Turkey Big:**	0.0
Heifer D:	25.0	**Turkey Little:**	0.0
Horse:	0.0	**Type Permit:**	
Horses Au:	0.0	**Type Reg:**	Feedlot Registration Update
House Dist:	5B	**Veal Calf:**	0.0
Int Doc ID:	0	**Verified Flag:**	No

Huc8:	07010108
Huc8 Name:	Long Prairie River
Huc10:	0701010803
Huc10 Name:	Eagle Creek
Huc12:	070101080301
Huc12 Name:	Headwaters Eagle Creek
DWSMA Code:	
DWSMA Name:	
Waterbody Type Cd:	

Details (Cont'd) (Map)

Deer:	0.0	**Mink:**	0.0
Donkey Mule:	0.0	**Rabbits:**	0.0
Elk:	0.0	**Reindeer Caribou:**	0.0
Emus Ostriches:	0.0	**Unknown:**	0.0
Peacocks:	0.0	**Camels:**	0.0
Fowl:	0.0	**Category F:**	Registered feedlot
Foxes:	0.0	**Reg Requir:**	Yes
Geese:	0.0	**Reg Curren:**	Yes
Goats:	0.0	**Per Class:**	
Goats Small:	0.0	**Per Active:**	
Ponies:	0.0	**NPDES Sds:**	
Llamas:	0.0		

Type Fdlt: Registered feedlot with current registration

Owner Details (Map)

Owner:	Randy Greenwaldt
Phone Owner:	320-732-2644
Addr M Owner:	14910 380th St
City M Owner:	Eagle Bend
State M Owner:	MN
Zip M Owner:	564461115

Contact Details (Map)

Contact:	Randy Greenwaldt
Phone Contact:	218-738-3109
Addr M Contact:	14910 380th St
City M Contact:	Eagle Bend
State M Contact:	MN
Zip M Contact:	56446

Animal Units Details (Map)

Au Cat Dl:	0.0	**Au Duck:**	0.0
Au Hef D:	17.5	**Au Duck Lm:**	0.0
Au Calf D:	5.0	**Au Alpacas:**	0.0
Au Cat Db:	84.0	**Au Bison:**	0.0
Au Steer B:	0.0	**Au Bison Calf:**	0.0
Au Hef B:	0.0	**Au Camels:**	0.0
Au Cwcal B:	0.0	**Au Deer:**	0.0
Au Calf B:	0.0	**Au Donkey Mule:**	0.0
Au Bull Mature:	0.0	**Au Elk:**	0.0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Au Veal Calf:	0.0	**Au Emus Ostriches:**	0.0
Au Swine B:	0.0	**Au Peacocks:**	0.0
Au Swine M:	0.0	**Au Fowl:**	0.0
Au Swine L:	0.0	**Au Foxes:**	0.0
Au Horse:	0.0	**Au Geese:**	0.0
Au Sheep:	0.0	**Au Goats:**	0.0
Au Chx Lm:	0.0	**Au Goats Small:**	0.0
Au Chx Bbig:	0.0	**Au Ponies:**	0.0
Au Chx Blittle:	0.0	**Au Llamas:**	0.0
Au Chx Lbig:	0.0	**Au Mink:**	0.0
Au Chx Llittle:	0.0	**Au Rabbits:**	0.0
Au Turk Big:	0.0	**Au Reindeer Caribo:**	0.0
Au Turk Little:	0.0	**Au Unknown:**	0.0

Coordinates Details (Map)

TRDSQQ:	13135202cd	**Section:**	02
Pls Township:	131	**Quarters:**	cd
Range:	35	**Latitude:**	46.18252
Range Dir:	W	**Longitude:**	-95.05629
Method Code:	DP		
Method Desc:	Digitized - MPCA online map		

What's in My Neighborhood Details (WIMN)

Owner Name:	Randy Greenwaldt
Program Name:	Feedlots
Activity Type Name:	Feedlots
Activity Subtype Nm:	
Activity Name:	Randy Greenwaldt
Active:	Yes
Industrial Classification:	
Legislative District:	7
HUC8:	07010108
Water Shed Name:	Long Prairie River
Institutional Control:	No
Coordinate Method:	Digitized - MPCA online map
Lat:	46.18252
Long:	-95.05629

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	2 of3	SSW	0.00 / 19.49	1,447.21 / 0	Pole mount transformer 14910 380th St Eagle Bend MN	HIST SPL

Program Int ID:	233158	**Tmsp Added:**	02/06/2002 16:49:00
Site ID:	0	**TMSP Update:**	11/10/2005 11:33:00
Interest Type:	Spill Site	**Prgm Int Source:**	TALES
Preferred ID:	56143	**Address Source:**	TALES
Active?:		**Interest Phone:**	
Interest Start:	02/06/2002 16:49:00	**Township:**	
Interest End:		**County:**	Todd
Comments:	**No file** Cause was a vehicle hit the pole. Material was released to a concrete or asphalt driveway, caller cleaned up with absorbent pads.		

Spill Site

Spill Site Closure Date:	02/06/2002 00:00:00
Spill Date:	02/01/2002 00:00:00
Spill Reported Date:	02/01/2002 02:00:00
Priority Code:	
MPCA Involvement:	None
Initial Cause:	
Initial Source:	Other
Public Safety Spill ID:	8003
Duty Officer Report Number:	34928

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Spill Reported by:	Bill Fraundorf
Report Taken By Initials:	3258
Rpt Taken by Duty Officer Flag:	
MPCA Project Manager:	3258
Tmsp Added:	02/06/2002 16:49:01
Tmsp Last Updt:	04/11/2007 08:23:05
Staff ID Last Updt:	RSUCHAN
Rep Name:	Bill Fraundorf
Rep Phone:	2187202517
Archive Lot:	
Archive Box:	
Response Desc:	

Spill Released Product

Spill Product:	Mineral Oil
Spill Released Quantity:	4
Spill Qty Units:	Gallons
Spill Incident Accuracy:	Estimated
Date Added:	02/06/2002 16:49:01
Last Update:	05/04/2002 10:09:29
Staff ID Last Update:	TANKS

Spill Incident Affected

Spill Incident Affect:	Soil
Date Added:	02/06/2002 16:49:01
Last Update:	05/04/2002 10:09:29
Staff ID Last Update:	TANKS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	3 of3	SSW	0.00 / 19.49	1,447.21 / 0	Randy Greenwaldt 14910 380th St Eagle Bend MN 56446	MPCA AI

Agency Interest ID:	78488
Name (Map):	Randy Greenwaldt
Address (Map):	14910 380th St
City (Map):	Eagle Bend
State (Map):	MN
ZIP (Map):	56446
Latitude (Map):	46.18252
Longitude (Map):	-95.05629
County (Map):	Todd
County Code (Map):	153
Loc Desc (Map):	
Name (Site):	Randy Greenwaldt
Address (Site):	14910 380th St
City (Site):	Eagle Bend
State (Site):	MN
ZIP (Site):	56446
Latitude (Site):	46.18252
Longitude (Site):	-95.05629
County (Site):	Todd
Name (Req):	Randy Greenwaldt
Address (Req):	14910 380th St
City (Req):	Eagle Bend
State (Req):	MN
ZIP (Req):	56446
Loc Desc (Req):	
Latitude (Req):	46.18252
Longitude (Req):	-95.05629
County (Req):	Todd
County Code (Req):	153
Data Source:	MPCA Agency Interests: Map (Map) (as of 30 Jul 2025); MPCA Agency Interests: File Request (Req) (as of 18 Jul 2025); My Neighborhood Sites (Site) (as of 30 Jul 2025)

Agency Interests: Map Details

Item ID:	78488-AISI0000078488	***Int Doc ID:***	0
Status:	Active	***SI Type:***	CON
Status Date:		***SI Cat:***	AISI
Program:	Feedlots	***SI ID:***	78488
CTU Code:	666061	***SI Cat Desc:***	Agency Interest
CTU Name:	Wykeham Township	***SI Type Desc:***	Conventional Site
PLS Twsp:	131	***Description:***	
Range :	35	***SI Designation:***	
Range Dir:	W	***Cong Dist:***	7
Section:	02	***House Dist:***	5B
Quarters:	cd	***Senate Dist:***	5
Collection Date:	4/12/2021	***TRDSQQ:***	13135202cd
Tmsp Created:	4/24/2002	***Ref Code:***	GEN
User Created:	DELTA_M_R1	***Ref Desc:***	General Location
Tmsp Updt:	4/12/2021	***Verified:***	No
Spatial ID:		***User Updt:***	geo_nc
Name:	Randy Greenwaldt		
Program List:	FE		
HUC 8:	07010108		
HUC 8 Name:	Long Prairie River		
HUC 10:	0701010803		
HUC 12:	070101080301		
HUC 12 Name:	Headwaters Eagle Creek		
DWSMA Code:			
DWSMA Name:			
Method Code:	DP		
Method Desc:	Digitized - MPCA online map		

My Neighborhood Site Details

Active FLA:	Yes	***HUC 8:***	07010108
MPCA ID:	153-80490	***Cong Distr:***	7
Program Co:	FE	***Senate Dis:***	5
Program Name:	Feedlots	***House Dist:***	5B
Address:	MN	***IC Flag:***	No
Addr ZIP:	56446	***Coord Coll:***	DP
City:	Wykeham Township	***Latitude:***	46.18252
County:	Todd	***Longitude:***	-95.05629
Activity:	Feedlots		
Addr St:	14910 380th St		
Addr City:	Eagle Bend		
MPCA ID List:	153-80490		
Program 1:	Feedlots		
Name:	Randy Greenwaldt		
Watershed :	Long Prairie River		
Coord Co 1:	Digitized - MPCA online map		
Activity L:	Feedlots		
Industrial:			
Site URL:	https://webapp.pca.state.mn.us/wimn/site/78488		

Agency Interests: File Request Details

Item ID:	78488-AISI0000078488	***Int Doc ID:***	0
Status:	Active	***SI Type:***	CON
Status Date:		***SI Cat:***	AISI
Program:	Feedlots	***SI ID:***	78488
CTU Code:	666061	***SI Cat Desc:***	Agency Interest
CTU Name:	Wykeham Township	***Description:***	
PLS Twsp:	131	***SI Designation:***	
Range :	35	***Cong Dist:***	7
Range Dir:	W	***House Dist:***	5B
Section:	2	***Senate Dist:***	5
Quarters:	cd	***TRDSQQ:***	13135202cd

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Collection Date:	4/12/2021	**Ref Code:**	GEN
Tmsp Created:	4/24/2002	**Ref Desc:**	General Location
User Created:	DELTA_M_R1	**Verified:**	No
Tmsp Updt:	4/12/2021	**User Updt:**	geo_nc
Spatial ID:			
Name:	Randy Greenwaldt		
Program List:	FE		
HUC 8:	7010108		
HUC 8 Name:	Long Prairie River		
HUC 10:	701010803		
HUC 10 Name:	Eagle Creek		
HUC 12:	70101080301		
HUC 12 Name:	Headwaters Eagle Creek		
SI Type Desc:	Conventional Site		
DWSMA Code:			
DWSMA Name:			
Method Code:	DP		
Method Desc:	Digitized - MPCA online map		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of2	WSW	0.12 / 637.03	1,429.51 / -18	Richard Ward Farm 14772 380th St Eagle Bend MN	FEEDLOTS

AI ID (Map):	79605	**Site ID (WIMN):**	79605
Registrtn No (Map):	153-80464	**Activity ID (WIMN):**	153-80464
County Name (Map):	Todd	**County (WIMN):**	Todd
Latitude (Map):	46.17889	**Lat (WIMN):**	46.17889
Longitude (Map):	-95.06383	**Long (WIMN):**	-95.06383
Point X:	-95.06383	**County Cod:**	153
Point Y:	46.17889		
Name (Map):	Richard Ward Farm		
Physical Address (Map):	14772 380th St		
Physical City (Map):	Eagle Bend		
Physical State (Map):	MN		
Physical Zip (Map):	56446		
Location Desc (Map):			
Site Name (WIMN):	Richard Ward Farm		
Address 1 (WIMN):	14772 380th St		
Address 2 (WIMN):			
City Name (WIMN):	Eagle Bend		
State (WIMN):	MN		
Zip Code (WIMN):	56446		
Data Source:	MPCA Geospatial Commons -Animal Feedlot Facilities Location in Minnesota(Map); MPCA - What's in My neighbourhood - Feedlots list (WIMN)		

Details (Map)

Active Reg:	Yes	**Item ID:**	79605-AREA0000000001
Activity Permit:		**Lamaalpac Au:**	0.0
Activity Regstrtn:	REG20210001	**Last Animal Date:**	
Alpacas:	0.0	**Lq S Close Date:**	
Animal Count:	0	**Lq Store Flag:**	Yes
Au Count:	0.0	**M Well Distance:**	100
Birds Au:	0.0	**No Permit:**	
Bison:	0.0	**Open Lot Flag:**	No
Bison Calf:	0.0	**Other Au:**	0.0
Bovines Au:	0.0	**Pasture Flag:**	No
Building Flag:	Yes	**Permit Flag:**	No
Bull Mature:	0.0	**Pigs Au:**	0.0
Cafo Flag:		**Primary Stock:**	
Calf B:	0.0	**Program List:**	FE
Calf D:	0.0	**Ref Code:**	GEN
Cattle Db:	0.0	**Ref Desc:**	General Location
Cattle Dl:	0.0	**River Stream Flag:**	No
Chx B Big:	0.0	**Senate Dist:**	5
Chx B Little:	0.0	**Sheep:**	0.0
Chx L Big:	0.0	**Shoreland Flag:**	No

Chx L Little:	0.0	***SI CAT:***	AREA
Chx Lm:	0.0	***SI ID:***	1
Co No Reg:		***Sol S Close Date:***	
Collection Date:	4/12/2021	***Sol Store Flag:***	Yes
Cong Dist:	7	***Start D Per:***	
Cow Calf B:	0.0	***Start D Reg:***	4/12/2021
Deerelk Au:	0.0	***Status FDLT:***	active
Duck:	0.0	***Steer B:***	0.0
Duck Lm:	0.0	***Swine Big:***	0.0
End D Per:		***Swine Little:***	0.0
End D Reg:	13-Apr-2025	***Swine Medium:***	0.0
Goatsheep Au:	0.0	***Title Permit:***	
H Well Distance:	10	***Title Reg:***	153-80464
Heifer B:	0.0	***Turkey Big:***	0.0
Heifer D:	0.0	***Turkey Little:***	0.0
Horse:	0.0	***Type Permit:***	
Horses Au:	0.0	***Type Reg:***	Feedlot Registration Update
House Dist:	5B	***Veal Calf:***	0.0
Int Doc ID:	0	***Verified Flag:***	No
Huc8:	07010106		
Huc8 Name:	Crow Wing River		
Huc10:	0701010609		
Huc10 Name:	Partridge River		
Huc12:	070101060901		
Huc12 Name:	Little Partridge Creek		
DWSMA Code:			
DWSMA Name:			
Waterbody Type Cd:			

Details (Cont'd) (Map)

Deer:	0.0	***Mink:***	0.0
Donkey Mule:	0.0	***Rabbits:***	0.0
Elk:	0.0	***Reindeer Caribou:***	0.0
Emus Ostriches:	0.0	***Unknown:***	0.0
Peacocks:	0.0	***Camels:***	0.0
Fowl:	0.0	***Category F:***	Not required to register
Foxes:	0.0	***Reg Requir:***	No
Geese:	0.0	***Reg Curren:***	Yes
Goats:	0.0	***Per Class:***	
Goats Small:	0.0	***Per Active:***	
Ponies:	0.0	***NPDES Sds:***	
Llamas:	0.0		
Type Fdlt:	Not required to register		

Owner Details (Map)

Owner:	Richard Ward
Phone Owner:	218-738-2098
Addr M Owner:	14772 380th St
City M Owner:	Eagle Bend
State M Owner:	MN
Zip M Owner:	564461114

Contact Details (Map)

Contact:	Richard & Patri Ward
Phone Contact:	218-738-2098
Addr M Contact:	14772 380th St
City M Contact:	Eagle Bend
State M Contact:	MN
Zip M Contact:	56446

Animal Units Details (Map)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Au Cat Dl:	0.0	**Au Duck:**	0.0
Au Hef D:	0.0	**Au Duck Lm:**	0.0
Au Calf D:	0.0	**Au Alpacas:**	0.0
Au Cat Db:	0.0	**Au Bison:**	0.0
Au Steer B:	0.0	**Au Bison Calf:**	0.0
Au Hef B:	0.0	**Au Camels:**	0.0
Au Cwcal B:	0.0	**Au Deer:**	0.0
Au Calf B:	0.0	**Au Donkey Mule:**	0.0
Au Bull Mature:	0.0	**Au Elk:**	0.0
Au Veal Calf:	0.0	**Au Emus Ostriches:**	0.0
Au Swine B:	0.0	**Au Peacocks:**	0.0
Au Swine M:	0.0	**Au Fowl:**	0.0
Au Swine L:	0.0	**Au Foxes:**	0.0
Au Horse:	0.0	**Au Geese:**	0.0
Au Sheep:	0.0	**Au Goats:**	0.0
Au Chx Lm:	0.0	**Au Goats Small:**	0.0
Au Chx Bbig:	0.0	**Au Ponies:**	0.0
Au Chx Blittle:	0.0	**Au Llamas:**	0.0
Au Chx Lbig:	0.0	**Au Mink:**	0.0
Au Chx Llittle:	0.0	**Au Rabbits:**	0.0
Au Turk Big:	0.0	**Au Reindeer Caribo:**	0.0
Au Turk Little:	0.0	**Au Unknown:**	0.0

Coordinates Details (Map)

TRDSQQ:	13135211ba	**Section:**	11
Pls Township:	131	**Quarters:**	ba
Range:	35	**Latitude:**	46.17889
Range Dir:	W	**Longitude:**	-95.06383
Method Code:	DP		
Method Desc:	Digitized - MPCA online map		

What's in My Neighborhood Details (WIMN)

Owner Name:	Richard Ward
Program Name:	Feedlots
Activity Type Name:	Feedlots
Activity Subtype Nm:	
Activity Name:	Richard Ward Farm
Active:	Yes
Industrial Classification:	
Legislative District:	7
HUC8:	07010106
Water Shed Name:	Crow Wing River
Institutional Control:	No
Coordinate Method:	Digitized - MPCA online map
Lat:	46.17889
Long:	-95.06383

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	2 of2	WSW	0.12 / 637.03	1,429.51 / -18	Richard Ward Farm 14772 380th St Eagle Bend MN 56446	MPCA AI

Agency Interest ID:	79605
Name (Map):	Richard Ward Farm
Address (Map):	14772 380th St
City (Map):	Eagle Bend
State (Map):	MN
ZIP (Map):	56446
Latitude (Map):	46.17889
Longitude (Map):	-95.06383
County (Map):	Todd
County Code (Map):	153
Loc Desc (Map):	
Name (Site):	Richard Ward Farm

Address (Site):	14772 380th St
City (Site):	Eagle Bend
State (Site):	MN
ZIP (Site):	56446
Latitude (Site):	46.17889
Longitude (Site):	-95.06383
County (Site):	Todd
Name (Req):	Richard Ward Farm
Address (Req):	14772 380th St
City (Req):	Eagle Bend
State (Req):	MN
ZIP (Req):	56446
Loc Desc (Req):	
Latitude (Req):	46.17889
Longitude (Req):	-95.06383
County (Req):	Todd
County Code (Req):	153
Data Source:	MPCA Agency Interests: Map (Map) (as of 30 Jul 2025); MPCA Agency Interests: File Request (Req) (as of 18 Jul 2025); My Neighborhood Sites (Site) (as of 30 Jul 2025)

Agency Interests: Map Details

Item ID:	79605-AISI0000079605	**Int Doc ID:**	0
Status:	Active	**SI Type:**	CON
Status Date:	2025-05-28 10:35:16	**SI Cat:**	AISI
Program:	Feedlots	**SI ID:**	79605
CTU Code:	666061	**SI Cat Desc:**	Agency Interest
CTU Name:	Wykeham Township	**SI Type Desc:**	Conventional Site
PLS Twsp:	131	**Description:**	
Range :	35	**SI Designation:**	
Range Dir:	W	**Cong Dist:**	7
Section:	11	**House Dist:**	5B
Quarters:	ba	**Senate Dist:**	5
Collection Date:	5/28/2025	**TRDSQQ:**	13135211ba
Tmsp Created:	4/24/2002	**Ref Code:**	GEN
User Created:	DELTA_M_R1	**Ref Desc:**	General Location
Tmsp Updt:	5/28/2025	**Verified:**	No
Spatial ID:	73513	**User Updt:**	REST_APIU
Name:	Richard Ward Farm		
Program List:	FE		
HUC 8:	07010106		
HUC 8 Name:	Crow Wing River		
HUC 10:	0701010609		
HUC 12:	070101060901		
HUC 12 Name:	Little Partridge Creek		
DWSMA Code:			
DWSMA Name:			
Method Code:	DP		
Method Desc:	Digitized - MPCA online map		

My Neighborhood Site Details

Active FLA:	Yes	**HUC 8:**	07010106
MPCA ID:	153-80464	**Cong Distr:**	7
Program Co:	FE	**Senate Dis:**	5
Program Name:	Feedlots	**House Dist:**	5B
Address:	MN	**IC Flag:**	No
Addr ZIP:	56446	**Coord Coll:**	DP
City:	Wykeham Township	**Latitude:**	46.17889
County:	Todd	**Longitude:**	-95.06383
Activity:	Feedlots		
Addr St:	14772 380th St		
Addr City:	Eagle Bend		
MPCA ID List:	153-80464		
Program 1:	Feedlots		
Name:	Richard Ward Farm		
Watershed :	Crow Wing River		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Coord Co 1: Digitized - MPCA online map
Activity L: Feedlots
Industrial:
Site URL: https://webapp.pca.state.mn.us/wimn/site/79605

Agency Interests: File Request Details

Item ID:	79605-AISI0000079605	**Int Doc ID:**	0
Status:	Active	**SI Type:**	CON
Status Date:	5/28/2025	**SI Cat:**	AISI
Program:	Feedlots	**SI ID:**	79605
CTU Code:	666061	**SI Cat Desc:**	Agency Interest
CTU Name:	Wykeham Township	**Description:**	
PLS Twsp:	131	**SI Designation:**	
Range :	35	**Cong Dist:**	7
Range Dir:	W	**House Dist:**	5B
Section:	11	**Senate Dist:**	5
Quarters:	ba	**TRDSQQ:**	13135211ba
Collection Date:	5/28/2025	**Ref Code:**	GEN
Tmsp Created:	4/24/2002	**Ref Desc:**	General Location
User Created:	DELTA_M_R1	**Verified:**	No
Tmsp Updt:	5/28/2025	**User Updt:**	REST_APIU
Spatial ID:	73513		

Name: Richard Ward Farm
Program List: FE
HUC 8: 7010106
HUC 8 Name: Crow Wing River
HUC 10: 701010609
HUC 10 Name: Partridge River
HUC 12: 70101060901
HUC 12 Name: Little Partridge Creek
SI Type Desc: Conventional Site
DWSMA Code:
DWSMA Name:
Method Code: DP
Method Desc: Digitized - MPCA online map

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	1 of2	WNW	0.28 / 1,476.84	1,438.14 / -10	Ehnes Farms 14339 390th St Eagle Bend MN	FEEDLOTS

AI ID (Map):	78495	**Site ID (WIMN):**	78495
Registrtn No (Map):	153-80497	**Activity ID (WIMN):**	153-80497
County Name (Map):	Todd	**County (WIMN):**	Todd
Latitude (Map):	46.19342	**Lat (WIMN):**	46.19342
Longitude (Map):	-95.06756	**Long (WIMN):**	-95.06756
Point X:	-95.06756	**County Cod:**	153
Point Y:	46.19342		

Name (Map): Ehnes Farms
Physical Address (Map): 14339 390th St
Physical City (Map): Eagle Bend
Physical State (Map): MN
Physical Zip (Map): 56446
Location Desc (Map):
Site Name (WIMN): Ehnes Farms
Address 1 (WIMN): 14339 390th St
Address 2 (WIMN):
City Name (WIMN): Eagle Bend
State (WIMN): MN
Zip Code (WIMN): 56446
Data Source: MPCA Geospatial Commons -Animal Feedlot Facilities Location in Minnesota(Map); MPCA - What's in My neighbourhood - Feedlots list (WIMN)

Details (Map)

Active Reg:	Yes	**Item ID:**	78495-AREA0000000001

Activity Permit:		**Lamaalpac Au:**	0.0
Activity Regstrtn:	REG20210001	**Last Animal Date:**	
Alpacas:	0.0	**Lq S Close Date:**	
Animal Count:	25	**Lq Store Flag:**	No
Au Count:	25.0	**M Well Distance:**	0
Birds Au:	0.0	**No Permit:**	
Bison:	0.0	**Open Lot Flag:**	Yes
Bison Calf:	0.0	**Other Au:**	0.0
Bovines Au:	25.0	**Pasture Flag:**	Yes
Building Flag:	Yes	**Permit Flag:**	No
Bull Mature:	0.0	**Pigs Au:**	0.0
Cafo Flag:		**Primary Stock:**	Beef Cattle - Slaughter/Stock
Calf B:	0.0	**Program List:**	FE
Calf D:	0.0	**Ref Code:**	GEN
Cattle Db:	0.0	**Ref Desc:**	General Location
Cattle Dl:	0.0	**River Stream Flag:**	No
Chx B Big:	0.0	**Senate Dist:**	5
Chx B Little:	0.0	**Sheep:**	0.0
Chx L Big:	0.0	**Shoreland Flag:**	No
Chx L Little:	0.0	**Sl CAT:**	AREA
Chx Lm:	0.0	**Sl ID:**	1
Co No Reg:		**Sol S Close Date:**	
Collection Date:	3/31/2021	**Sol Store Flag:**	No
Cong Dist:	7	**Start D Per:**	
Cow Calf B:	0.0	**Start D Reg:**	3/31/2021
Deerelk Au:	0.0	**Status FDLT:**	active
Duck:	0.0	**Steer B:**	25.0
Duck Lm:	0.0	**Swine Big:**	0.0
End D Per:		**Swine Little:**	0.0
End D Reg:	01-Apr-2025	**Swine Medium:**	0.0
Goatsheep Au:	0.0	**Title Permit:**	
H Well Distance:	100	**Title Reg:**	153-80497
Heifer B:	0.0	**Turkey Big:**	0.0
Heifer D:	0.0	**Turkey Little:**	0.0
Horse:	0.0	**Type Permit:**	
Horses Au:	0.0	**Type Reg:**	Feedlot Registration Update
House Dist:	5B	**Veal Calf:**	0.0
Int Doc ID:	0	**Verified Flag:**	No

Huc8:	07010106
Huc8 Name:	Crow Wing River
Huc10:	0701010609
Huc10 Name:	Partridge River
Huc12:	070101060901
Huc12 Name:	Little Partridge Creek
DWSMA Code:	
DWSMA Name:	
Waterbody Type Cd:	

Details (Cont'd) (Map)

Deer:	0.0	**Mink:**	0.0
Donkey Mule:	0.0	**Rabbits:**	0.0
Elk:	0.0	**Reindeer Caribou:**	0.0
Emus Ostriches:	0.0	**Unknown:**	0.0
Peacocks:	0.0	**Camels:**	0.0
Fowl:	0.0	**Category F:**	Not required to register
Foxes:	0.0	**Reg Requir:**	No
Geese:	0.0	**Reg Curren:**	Yes
Goats:	0.0	**Per Class:**	
Goats Small:	0.0	**Per Active:**	
Ponies:	0.0	**NPDES Sds:**	
Llamas:	0.0		
Type Fdlt:	Not required to register		

Owner Details (Map)

Owner:	Walter & MaryAnn Ehnes

Phone Owner:	218-639-2063
Addr M Owner:	14339 390th St
City M Owner:	Eagle Bend
State M Owner:	MN
Zip M Owner:	564461100

Contact Details (Map)

Contact:	Walter & Mary Ann Ehnes
Phone Contact:	218-738-4241
Addr M Contact:	14339 390th St
City M Contact:	Eagle Bend
State M Contact:	MN
Zip M Contact:	56446

Animal Units Details (Map)

Au Cat Dl:	0.0	***Au Duck:***	0.0
Au Hef D:	0.0	***Au Duck Lm:***	0.0
Au Calf D:	0.0	***Au Alpacas:***	0.0
Au Cat Db:	0.0	***Au Bison:***	0.0
Au Steer B:	25.0	***Au Bison Calf:***	0.0
Au Hef B:	0.0	***Au Camels:***	0.0
Au Cwcal B:	0.0	***Au Deer:***	0.0
Au Calf B:	0.0	***Au Donkey Mule:***	0.0
Au Bull Mature:	0.0	***Au Elk:***	0.0
Au Veal Calf:	0.0	***Au Emus Ostriches:***	0.0
Au Swine B:	0.0	***Au Peacocks:***	0.0
Au Swine M:	0.0	***Au Fowl:***	0.0
Au Swine L:	0.0	***Au Foxes:***	0.0
Au Horse:	0.0	***Au Geese:***	0.0
Au Sheep:	0.0	***Au Goats:***	0.0
Au Chx Lm:	0.0	***Au Goats Small:***	0.0
Au Chx Bbig:	0.0	***Au Ponies:***	0.0
Au Chx Blittle:	0.0	***Au Llamas:***	0.0
Au Chx Lbig:	0.0	***Au Mink:***	0.0
Au Chx Llittle:	0.0	***Au Rabbits:***	0.0
Au Turk Big:	0.0	***Au Reindeer Caribo:***	0.0
Au Turk Little:	0.0	***Au Unknown:***	0.0

Coordinates Details (Map)

TRDSQQ:	13135203bb	***Section:***	03
Pls Township:	131	***Quarters:***	bb
Range:	35	***Latitude:***	46.19342
Range Dir:	W	***Longitude:***	-95.06756
Method Code:	DP		
Method Desc:	Digitized - MPCA online map		

What's in My Neighborhood Details (WIMN)

Owner Name:	Walter & MaryAnn Ehnes
Program Name:	Feedlots
Activity Type Name:	Feedlots
Activity Subtype Nm:	
Activity Name:	Ehnes Farms
Active:	Yes
Industrial Classification:	
Legislative District:	7
HUC8:	07010106
Water Shed Name:	Crow Wing River
Institutional Control:	No
Coordinate Method:	Digitized - MPCA online map
Lat:	46.19342

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Long:		-95.06756				
3	2 of2	WNW	0.28 / 1,476.84	1,438.14 / -10	Ehnes Farms 14339 390th St Eagle Bend MN 56446	MPCA AI

Agency Interest ID:	78495
Name (Map):	Ehnes Farms
Address (Map):	14339 390th St
City (Map):	Eagle Bend
State (Map):	MN
ZIP (Map):	56446
Latitude (Map):	46.19342
Longitude (Map):	-95.06756
County (Map):	Todd
County Code (Map):	153
Loc Desc (Map):	
Name (Site):	Ehnes Farms
Address (Site):	14339 390th St
City (Site):	Eagle Bend
State (Site):	MN
ZIP (Site):	56446
Latitude (Site):	46.19342
Longitude (Site):	-95.06756
County (Site):	Todd
Name (Req):	Ehnes Farms
Address (Req):	14339 390th St
City (Req):	Eagle Bend
State (Req):	MN
ZIP (Req):	56446
Loc Desc (Req):	
Latitude (Req):	46.19342
Longitude (Req):	-95.06756
County (Req):	Todd
County Code (Req):	153
Data Source:	MPCA Agency Interests: Map (Map) (as of 30 Jul 2025); MPCA Agency Interests: File Request (Req) (as of 18 Jul 2025); My Neighborhood Sites (Site) (as of 30 Jul 2025)

Agency Interests: Map Details

Item ID:	78495-AISI0000078495	Int Doc ID:	0
Status:	Active	SI Type:	CON
Status Date:		SI Cat:	AISI
Program:	Feedlots	SI ID:	78495
CTU Code:	666061	SI Cat Desc:	Agency Interest
CTU Name:	Wykeham Township	SI Type Desc:	Conventional Site
PLS Twsp:	131	Description:	
Range :	35	SI Designation:	
Range Dir:	W	Cong Dist:	7
Section:	03	House Dist:	5B
Quarters:	bb	Senate Dist:	5
Collection Date:	3/28/2025	TRDSQQ:	13135203bb
Tmsp Created:	4/24/2002	Ref Code:	GEN
User Created:	DELTA_M_R1	Ref Desc:	General Location
Tmsp Updt:	3/28/2025	Verified:	No
Spatial ID:	73546	User Updt:	REST_APIU

Name:	Ehnes Farms
Program List:	FE
HUC 8:	07010106
HUC 8 Name:	Crow Wing River
HUC 10:	0701010609
HUC 12:	070101060901
HUC 12 Name:	Little Partridge Creek
DWSMA Code:	
DWSMA Name:	
Method Code:	DP
Method Desc:	Digitized - MPCA online map

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

My Neighborhood Site Details

Active FLA:	Yes	***HUC 8:***	07010106
MPCA ID:	153-80497	***Cong Distr:***	7
Program Co:	FE	***Senate Dis:***	5
Program Name:	Feedlots	***House Dist:***	5B
Address:	MN	***IC Flag:***	No
Addr ZIP:	56446	***Coord Coll:***	DP
City:	Wykeham Township	***Latitude:***	46.19342
County:	Todd	***Longitude:***	-95.06756
Activity:	Feedlots		
Addr St:	14339 390th St		
Addr City:	Eagle Bend		
MPCA ID List:	153-80497		
Program 1:	Feedlots		
Name:	Ehnes Farms		
Watershed :	Crow Wing River		
Coord Co 1:	Digitized - MPCA online map		
Activity L:	Feedlots		
Industrial:			
Site URL:	https://webapp.pca.state.mn.us/wimn/site/78495		

Agency Interests: File Request Details

Item ID:	78495-AISI0000078495	***Int Doc ID:***	0
Status:	Active	***SI Type:***	CON
Status Date:		***SI Cat:***	AISI
Program:	Feedlots	***SI ID:***	78495
CTU Code:	666061	***SI Cat Desc:***	Agency Interest
CTU Name:	Wykeham Township	***Description:***	
PLS Twsp:	131	***SI Designation:***	
Range :	35	***Cong Dist:***	7
Range Dir:	W	***House Dist:***	5B
Section:	3	***Senate Dist:***	5
Quarters:	bb	***TRDSQQ:***	13135203bb
Collection Date:	3/28/2025	***Ref Code:***	GEN
Tmsp Created:	4/24/2002	***Ref Desc:***	General Location
User Created:	DELTA_M_R1	***Verified:***	No
Tmsp Updt:	3/28/2025	***User Updt:***	REST_APIU
Spatial ID:	73546		
Name:	Ehnes Farms		
Program List:	FE		
HUC 8:	7010106		
HUC 8 Name:	Crow Wing River		
HUC 10:	701010609		
HUC 10 Name:	Partridge River		
HUC 12:	70101060901		
HUC 12 Name:	Little Partridge Creek		
SI Type Desc:	Conventional Site		
DWSMA Code:			
DWSMA Name:			
Method Code:	DP		
Method Desc:	Digitized - MPCA online map		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	1 of2	SW	0.45 / 2,380.98	1,422.12 / -26	Scott Irlbeck Farm 14513 380th St Eagle Bend MN	FEEDLOTS

AI ID (Map):	79624	***Site ID (WIMN):***	79624
Registrtn No (Map):	153-80483	***Activity ID (WIMN):***	153-80483
County Name (Map):	Todd	***County (WIMN):***	Todd
Latitude (Map):	46.17894	***Lat (WIMN):***	46.17894
Longitude (Map):	-95.0633	***Long (WIMN):***	-95.0633
Point X:	-95.0633	***County Cod:***	153
Point Y:	46.17894		

Name (Map):	Scott Irlbeck Farm
Physical Address (Map):	14513 380th St
Physical City (Map):	Eagle Bend
Physical State (Map):	MN
Physical Zip (Map):	56446
Location Desc (Map):	
Site Name (WIMN):	Scott Irlbeck Farm
Address 1 (WIMN):	14513 380th St
Address 2 (WIMN):	
City Name (WIMN):	Eagle Bend
State (WIMN):	MN
Zip Code (WIMN):	56446
Data Source:	MPCA Geospatial Commons -Animal Feedlot Facilities Location in Minnesota(Map); MPCA - What's in My neighbourhood - Feedlots list (WIMN)

Details (Map)

Active Reg:	No	**Item ID:**	79624-AREA0000000001
Activity Permit:		**Lamaalpac Au:**	0.0
Activity Regstrtn:	REG20210001	**Last Animal Date:**	
Alpacas:	0.0	**Lq S Close Date:**	
Animal Count:	57	**Lq Store Flag:**	No
Au Count:	43.4	**M Well Distance:**	0
Birds Au:	0.0	**No Permit:**	
Bison:	0.0	**Open Lot Flag:**	Yes
Bison Calf:	0.0	**Other Au:**	0.0
Bovines Au:	43.4	**Pasture Flag:**	Yes
Building Flag:	Yes	**Permit Flag:**	No
Bull Mature:	0.0	**Pigs Au:**	0.0
Cafo Flag:		**Primary Stock:**	Beef Cattle - Cow & calf pair
Calf B:	25.0	**Program List:**	FE
Calf D:	0.0	**Ref Code:**	GEN
Cattle Db:	0.0	**Ref Desc:**	General Location
Cattle Dl:	0.0	**River Stream Flag:**	Yes
Chx B Big:	0.0	**Senate Dist:**	5
Chx B Little:	0.0	**Sheep:**	0.0
Chx L Big:	0.0	**Shoreland Flag:**	No
Chx L Little:	0.0	**Sl CAT:**	AREA
Chx Lm:	0.0	**Sl ID:**	1
Co No Reg:		**Sol S Close Date:**	
Collection Date:	2/11/2021	**Sol Store Flag:**	No
Cong Dist:	7	**Start D Per:**	
Cow Calf B:	32.0	**Start D Reg:**	2/11/2021
Deerelk Au:	0.0	**Status FDLT:**	active
Duck:	0.0	**Steer B:**	0.0
Duck Lm:	0.0	**Swine Big:**	0.0
End D Per:		**Swine Little:**	0.0
End D Reg:	12-Feb-2025	**Swine Medium:**	0.0
Goatsheep Au:	0.0	**Title Permit:**	
H Well Distance:	50	**Title Reg:**	153-80483
Heifer B:	0.0	**Turkey Big:**	0.0
Heifer D:	0.0	**Turkey Little:**	0.0
Horse:	0.0	**Type Permit:**	
Horses Au:	0.0	**Type Reg:**	Feedlot Registration Update
House Dist:	5B	**Veal Calf:**	0.0
Int Doc ID:	0	**Verified Flag:**	No

Huc8:	07010106
Huc8 Name:	Crow Wing River
Huc10:	0701010609
Huc10 Name:	Partridge River
Huc12:	070101060901
Huc12 Name:	Little Partridge Creek
DWSMA Code:	
DWSMA Name:	
Waterbody Type Cd:	DITC - Ditch

Details (Cont'd) (Map)

Deer:	0.0	**Mink:**	0.0
Donkey Mule:	0.0	**Rabbits:**	0.0
Elk:	0.0	**Reindeer Caribou:**	0.0
Emus Ostriches:	0.0	**Unknown:**	0.0
Peacocks:	0.0	**Camels:**	0.0
Fowl:	0.0	**Category F:**	Not required to register
Foxes:	0.0	**Reg Requir:**	No
Geese:	0.0	**Reg Curren:**	Yes
Goats:	0.0	**Per Class:**	
Goats Small:	0.0	**Per Active:**	
Ponies:	0.0	**NPDES Sds:**	
Llamas:	0.0		
Type Fdlt:	Not required to register		

Owner Details (Map)

Owner:	Scott Irlbeck
Phone Owner:	320-732-2644
Addr M Owner:	14513 380th St
City M Owner:	Eagle Bend
State M Owner:	MN
Zip M Owner:	564461113

Contact Details (Map)

Contact:	Scott Irlbeck
Phone Contact:	218-738-2760
Addr M Contact:	14513 380th St
City M Contact:	Eagle Bend
State M Contact:	MN
Zip M Contact:	56446

Animal Units Details (Map)

Au Cat Dl:	0.0	**Au Duck:**	0.0
Au Hef D:	0.0	**Au Duck Lm:**	0.0
Au Calf D:	0.0	**Au Alpacas:**	0.0
Au Cat Db:	0.0	**Au Bison:**	0.0
Au Steer B:	0.0	**Au Bison Calf:**	0.0
Au Hef B:	0.0	**Au Camels:**	0.0
Au Cwcal B:	38.4	**Au Deer:**	0.0
Au Calf B:	5.0	**Au Donkey Mule:**	0.0
Au Bull Mature:	0.0	**Au Elk:**	0.0
Au Veal Calf:	0.0	**Au Emus Ostriches:**	0.0
Au Swine B:	0.0	**Au Peacocks:**	0.0
Au Swine M:	0.0	**Au Fowl:**	0.0
Au Swine L:	0.0	**Au Foxes:**	0.0
Au Horse:	0.0	**Au Geese:**	0.0
Au Sheep:	0.0	**Au Goats:**	0.0
Au Chx Lm:	0.0	**Au Goats Small:**	0.0
Au Chx Bbig:	0.0	**Au Ponies:**	0.0
Au Chx Blittle:	0.0	**Au Llamas:**	0.0
Au Chx Lbig:	0.0	**Au Mink:**	0.0
Au Chx Llittle:	0.0	**Au Rabbits:**	0.0
Au Turk Big:	0.0	**Au Reindeer Caribo:**	0.0
Au Turk Little:	0.0	**Au Unknown:**	0.0

Coordinates Details (Map)

TRDSQQ:	13135210aa	**Section:**	10
Pls Township:	131	**Quarters:**	aa
Range:	35	**Latitude:**	46.17894
Range Dir:	W	**Longitude:**	-95.0633

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Method Code: DP
Method Desc: Digitized - MPCA online map

What's in My Neighborhood Details (WIMN)

Owner Name: Scott Irlbeck
Program Name: Feedlots
Activity Type Name: Feedlots
Activity Subtype Nm:
Activity Name: Scott Irlbeck Farm
Active: Yes
Industrial Classification:
Legislative District: 7
HUC8: 07010106
Water Shed Name: Crow Wing River
Institutional Control: No
Coordinate Method: Digitized - MPCA online map
Lat: 46.17894
Long: -95.0633

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	2 of2	SW	0.45 / 2,380.98	1,422.12 / -26	Scott Irlbeck Farm 14513 380th St Eagle Bend MN 56446	MPCA AI

Agency Interest ID: 79624
Name (Map): Scott Irlbeck Farm
Address (Map): 14513 380th St
City (Map): Eagle Bend
State (Map): MN
ZIP (Map): 56446
Latitude (Map): 46.17894
Longitude (Map): -95.0633
County (Map): Todd
County Code (Map): 153
Loc Desc (Map):
Name (Site): Scott Irlbeck Farm
Address (Site): 14513 380th St
City (Site): Eagle Bend
State (Site): MN
ZIP (Site): 56446
Latitude (Site): 46.17894
Longitude (Site): -95.0633
County (Site): Todd
Name (Req): Scott Irlbeck Farm
Address (Req): 14513 380th St
City (Req): Eagle Bend
State (Req): MN
ZIP (Req): 56446
Loc Desc (Req):
Latitude (Req): 46.17894
Longitude (Req): -95.0633
County (Req): Todd
County Code (Req): 153
Data Source: MPCA Agency Interests: Map (Map) (as of 30 Jul 2025); MPCA Agency Interests: File Request (Req) (as of 18 Jul 2025); My Neighborhood Sites (Site) (as of 30 Jul 2025)

Agency Interests: Map Details

Item ID: 79624-AISI0000079624
Status: Active
Status Date:
Program: Feedlots
CTU Code: 666061
CTU Name: Wykeham Township
PLS Twsp: 131
Range : 35
Int Doc ID: 0
SI Type: CON
SI Cat: AISI
SI ID: 79624
SI Cat Desc: Agency Interest
SI Type Desc: Conventional Site
Description:
SI Designation:

Range Dir:	W	**Cong Dist:**	7
Section:	10	**House Dist:**	5B
Quarters:	aa	**Senate Dist:**	5
Collection Date:	3/26/2025	**TRDSQQ:**	13135210aa
Tmsp Created:	4/24/2002	**Ref Code:**	GEN
User Created:	DELTA_M_R1	**Ref Desc:**	General Location
Tmsp Updt:	3/26/2025	**Verified:**	No
Spatial ID:	73532	**User Updt:**	REST_APIU
Name:	Scott Irlbeck Farm		
Program List:	FE		
HUC 8:	07010106		
HUC 8 Name:	Crow Wing River		
HUC 10:	0701010609		
HUC 12:	070101060901		
HUC 12 Name:	Little Partridge Creek		
DWSMA Code:			
DWSMA Name:			
Method Code:	DP		
Method Desc:	Digitized - MPCA online map		

My Neighborhood Site Details

Active FLA:	Yes	**HUC 8:**	07010106
MPCA ID:	153-80483	**Cong Distr:**	7
Program Co:	FE	**Senate Dis:**	5
Program Name:	Feedlots	**House Dist:**	5B
Address:	MN	**IC Flag:**	No
Addr ZIP:	56446	**Coord Coll:**	DP
City:	Wykeham Township	**Latitude:**	46.17894
County:	Todd	**Longitude:**	-95.0633
Activity:	Feedlots		
Addr St:	14513 380th St		
Addr City:	Eagle Bend		
MPCA ID List:	153-80483		
Program 1:	Feedlots		
Name:	Scott Irlbeck Farm		
Watershed :	Crow Wing River		
Coord Co 1:	Digitized - MPCA online map		
Activity L:	Feedlots		
Industrial:			
Site URL:	https://webapp.pca.state.mn.us/wimn/site/79624		

Agency Interests: File Request Details

Item ID:	79624-AISI0000079624	**Int Doc ID:**	0
Status:	Active	**SI Type:**	CON
Status Date:		**SI Cat:**	AISI
Program:	Feedlots	**SI ID:**	79624
CTU Code:	666061	**SI Cat Desc:**	Agency Interest
CTU Name:	Wykeham Township	**Description:**	
PLS Twsp:	131	**SI Designation:**	
Range :	35	**Cong Dist:**	7
Range Dir:	W	**House Dist:**	5B
Section:	10	**Senate Dist:**	5
Quarters:	aa	**TRDSQQ:**	13135210aa
Collection Date:	3/26/2025	**Ref Code:**	GEN
Tmsp Created:	4/24/2002	**Ref Desc:**	General Location
User Created:	DELTA_M_R1	**Verified:**	No
Tmsp Updt:	3/26/2025	**User Updt:**	REST_APIU
Spatial ID:	73532		
Name:	Scott Irlbeck Farm		
Program List:	FE		
HUC 8:	7010106		
HUC 8 Name:	Crow Wing River		
HUC 10:	701010609		
HUC 10 Name:	Partridge River		
HUC 12:	70101060901		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

HUC 12 Name:	Little Partridge Creek
SI Type Desc:	Conventional Site
DWSMA Code:	
DWSMA Name:	
Method Code:	DP
Method Desc:	Digitized - MPCA online map

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	1 of2	SE	0.47 / 2,486.86	1,420.88 / -27	Shelly Rae Aspengren 37485 155th Ave Eagle Bend MN	FEEDLOTS

AI ID (Map):	222514	**Site ID (WIMN):**	222514
Registrtn No (Map):	153-126219	**Activity ID (WIMN):**	153-126219
County Name (Map):	Todd	**County (WIMN):**	Todd
Latitude (Map):	46.1725096	**Lat (WIMN):**	46.174188
Longitude (Map):	-95.04173926	**Long (WIMN):**	-95.046438
Point X:	-95.04173926	**County Cod:**	153
Point Y:	46.1725096		
Name (Map):	Shelly Rae Aspengren		
Physical Address (Map):	37485 155th Ave		
Physical City (Map):	Eagle Bend		
Physical State (Map):	MN		
Physical Zip (Map):	56446		
Location Desc (Map):			
Site Name (WIMN):	Shelly Rae Aspengren		
Address 1 (WIMN):	37485 155th Ave		
Address 2 (WIMN):			
City Name (WIMN):	Eagle Bend		
State (WIMN):	MN		
Zip Code (WIMN):	56446-1051		
Data Source:	MPCA Geospatial Commons -Animal Feedlot Facilities Location in Minnesota(Map); MPCA - What's in My neighbourhood - Feedlots list (WIMN)		

Details (Map)

Active Reg:	No	**Item ID:**	222514-AREA0000000001
Activity Permit:		**Lamaalpac Au:**	0.0
Activity Regstrtn:	REG20220001	**Last Animal Date:**	26-Jan-2022
Alpacas:	0.0	**Lq S Close Date:**	31-Dec-2013
Animal Count:	0	**Lq Store Flag:**	No
Au Count:	0.0	**M Well Distance:**	0
Birds Au:	0.0	**No Permit:**	
Bison:	0.0	**Open Lot Flag:**	Yes
Bison Calf:	0.0	**Other Au:**	0.0
Bovines Au:	0.0	**Pasture Flag:**	Yes
Building Flag:	Yes	**Permit Flag:**	No
Bull Mature:	0.0	**Pigs Au:**	0.0
Cafo Flag:		**Primary Stock:**	
Calf B:	0.0	**Program List:**	FE
Calf D:	0.0	**Ref Code:**	GEN
Cattle Db:	0.0	**Ref Desc:**	General Location
Cattle Dl:	0.0	**River Stream Flag:**	
Chx B Big:	0.0	**Senate Dist:**	5
Chx B Little:	0.0	**Sheep:**	0.0
Chx L Big:	0.0	**Shoreland Flag:**	No
Chx L Little:	0.0	**SI CAT:**	AREA
Chx Lm:	0.0	**SI ID:**	1
Co No Reg:		**Sol S Close Date:**	31-Dec-2013
Collection Date:	4/27/2018	**Sol Store Flag:**	No
Cong Dist:	7	**Start D Per:**	
Cow Calf B:	0.0	**Start D Reg:**	1/26/2022
Deerelk Au:	0.0	**Status FDLT:**	inactive
Duck:	0.0	**Steer B:**	0.0
Duck Lm:	0.0	**Swine Big:**	0.0
End D Per:		**Swine Little:**	0.0
End D Reg:	26-Jan-2022	**Swine Medium:**	0.0
Goatsheep Au:	0.0	**Title Permit:**	

H Well Distance:	0	**Title Reg:**	153-126219
Heifer B:	0.0	**Turkey Big:**	0.0
Heifer D:	0.0	**Turkey Little:**	0.0
Horse:	0.0	**Type Permit:**	
Horses Au:	0.0	**Type Reg:**	Feedlot Registration Update
House Dist:	5B	**Veal Calf:**	0.0
Int Doc ID:	0	**Verified Flag:**	No
Huc8:	07010108		
Huc8 Name:	Long Prairie River		
Huc10:	0701010803		
Huc10 Name:	Eagle Creek		
Huc12:	070101080301		
Huc12 Name:	Headwaters Eagle Creek		
DWSMA Code:			
DWSMA Name:			
Waterbody Type Cd:	DITC - Ditch		

Details (Cont'd) (Map)

Deer:	0.0	**Mink:**	0.0
Donkey Mule:	0.0	**Rabbits:**	0.0
Elk:	0.0	**Reindeer Caribou:**	0.0
Emus Ostriches:	0.0	**Unknown:**	0.0
Peacocks:	0.0	**Camels:**	0.0
Fowl:	0.0	**Category F:**	Inactive feedlot
Foxes:	0.0	**Reg Requir:**	No
Geese:	0.0	**Reg Curren:**	Yes
Goats:	0.0	**Per Class:**	
Goats Small:	0.0	**Per Active:**	
Ponies:	0.0	**NPDES Sds:**	
Llamas:	0.0		
Type Fdlt:	Inactive feedlot		

Animal Units Details (Map)

Au Cat Dl:	0.0	**Au Duck:**	0.0
Au Hef D:	0.0	**Au Duck Lm:**	0.0
Au Calf D:	0.0	**Au Alpacas:**	0.0
Au Cat Db:	0.0	**Au Bison:**	0.0
Au Steer B:	0.0	**Au Bison Calf:**	0.0
Au Hef B:	0.0	**Au Camels:**	0.0
Au Cwcal B:	0.0	**Au Deer:**	0.0
Au Calf B:	0.0	**Au Donkey Mule:**	0.0
Au Bull Mature:	0.0	**Au Elk:**	0.0
Au Veal Calf:	0.0	**Au Emus Ostriches:**	0.0
Au Swine B:	0.0	**Au Peacocks:**	0.0
Au Swine M:	0.0	**Au Fowl:**	0.0
Au Swine L:	0.0	**Au Foxes:**	0.0
Au Horse:	0.0	**Au Geese:**	0.0
Au Sheep:	0.0	**Au Goats:**	0.0
Au Chx Lm:	0.0	**Au Goats Small:**	0.0
Au Chx Bbig:	0.0	**Au Ponies:**	0.0
Au Chx Blittle:	0.0	**Au Llamas:**	0.0
Au Chx Lbig:	0.0	**Au Mink:**	0.0
Au Chx Llittle:	0.0	**Au Rabbits:**	0.0
Au Turk Big:	0.0	**Au Reindeer Caribo:**	0.0
Au Turk Little:	0.0	**Au Unknown:**	0.0

Coordinates Details (Map)

TRDSQQ:	13135211a	**Section:**	11
Pls Township:	131	**Quarters:**	a
Range:	35	**Latitude:**	46.1725096
Range Dir:	W	**Longitude:**	-95.04173926
Method Code:	A1		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Method Desc: Address Matching House Number

What's in My Neighborhood Details (WIMN)

Owner Name:
Program Name: Feedlots
Activity Type Name: Feedlots
Activity Subtype Nm:
Activity Name: Shelly Rae Aspengren
Active: No
Industrial Classification:
Legislative District: 7
HUC8: 07010108
Water Shed Name: Long Prairie River
Institutional Control: No
Coordinate Method: Digitized - Web Map Google / Yahoo / Microsoft
Lat: 46.174188
Long: -95.046438

5	2 of2	SE	0.47 / 2,486.86	1,420.88 / -27	Shelly Rae Aspengren 37485 155th Ave Eagle Bend MN 56446	MPCA AI

Agency Interest ID: 222514
Name (Map): Shelly Rae Aspengren
Address (Map): 37485 155th Ave
City (Map): Eagle Bend
State (Map): MN
ZIP (Map): 56446
Latitude (Map): 46.174188
Longitude (Map): -95.046438
County (Map): Todd
County Code (Map): 153
Loc Desc (Map):
Name (Site): Shelly Rae Aspengren
Address (Site): 37485 155th Ave
City (Site): Eagle Bend
State (Site): MN
ZIP (Site): 56446-1051
Latitude (Site): 46.174188
Longitude (Site): -95.046438
County (Site): Todd
Name (Req): Shelly Rae Aspengren
Address (Req): 37485 155th Ave
City (Req): Eagle Bend
State (Req): MN
ZIP (Req): 56446
Loc Desc (Req):
Latitude (Req): 46.174188
Longitude (Req): -95.046438
County (Req): Todd
County Code (Req): 153
Data Source: MPCA Agency Interests: Map (Map) (as of 30 Jul 2025); MPCA Agency Interests: File Request (Req) (as of 18 Jul 2025); My Neighborhood Sites (Site) (as of 30 Jul 2025)

Agency Interests: Map Details

Item ID:	222514-AISI0000222514	**Int Doc ID:**	0
Status:	Active	**SI Type:**	CON
Status Date:		**SI Cat:**	AISI
Program:	Feedlots	**SI ID:**	222514
CTU Code:	666061	**SI Cat Desc:**	Agency Interest
CTU Name:	Wykeham Township	**SI Type Desc:**	Conventional Site
PLS Twsp:		**Description:**	
Range :		**SI Designation:**	
Range Dir:		**Cong Dist:**	7

Section:		**House Dist:**	5B
Quarters:		**Senate Dist:**	5
Collection Date:	2/26/2018	**TRDSQQ:**	
Tmsp Created:	2/20/2018	**Ref Code:**	GEN
User Created:	ceidem	**Ref Desc:**	General Location
Tmsp Updt:	4/27/2018	**Verified:**	No
Spatial ID:		**User Updt:**	ceidem

Name: Shelly Rae Aspengren
Program List: FE
HUC 8: 07010108
HUC 8 Name: Long Prairie River
HUC 10: 0701010803
HUC 12: 070101080301
HUC 12 Name: Headwaters Eagle Creek
DWSMA Code:
DWSMA Name:
Method Code: DW
Method Desc: Digitized - Web Map Google / Yahoo / Microsoft

My Neighborhood Site Details

Active FLA:	Yes	**HUC 8:**	07010108
MPCA ID:	153-126219	**Cong Distr:**	7
Program Co:	FE	**Senate Dis:**	5
Program Name:	Feedlots	**House Dist:**	5B
Address:	MN	**IC Flag:**	No
Addr ZIP:	56446-1051	**Coord Coll:**	DW
City:	Wykeham Township	**Latitude:**	46.174188
County:	Todd	**Longitude:**	-95.046438

Activity: Feedlots
Addr St: 37485 155th Ave
Addr City: Eagle Bend
MPCA ID List: 153-126219
Program 1: Feedlots
Name: Shelly Rae Aspengren
Watershed : Long Prairie River
Coord Co 1: Digitized - Web Map Google / Yahoo / Microsoft
Activity L: Feedlots
Industrial:
Site URL: https://webapp.pca.state.mn.us/wimn/site/222514

Agency Interests: File Request Details

Item ID:	222514-AISI0000222514	**Int Doc ID:**	0
Status:	Active	**SI Type:**	CON
Status Date:		**SI Cat:**	AISI
Program:	Feedlots	**SI ID:**	222514
CTU Code:	666061	**SI Cat Desc:**	Agency Interest
CTU Name:	Wykeham Township	**Description:**	
PLS Twsp:		**SI Designation:**	
Range :		**Cong Dist:**	7
Range Dir:		**House Dist:**	5B
Section:		**Senate Dist:**	5
Quarters:		**TRDSQQ:**	
Collection Date:	2/26/2018	**Ref Code:**	GEN
Tmsp Created:	2/20/2018	**Ref Desc:**	General Location
User Created:	ceidem	**Verified:**	No
Tmsp Updt:	4/27/2018	**User Updt:**	ceidem
Spatial ID:			

Name: Shelly Rae Aspengren
Program List: FE
HUC 8: 7010108
HUC 8 Name: Long Prairie River
HUC 10: 701010803
HUC 10 Name: Eagle Creek
HUC 12: 70101080301
HUC 12 Name: Headwaters Eagle Creek

SI Type Desc:	Conventional Site
DWSMA Code:	
DWSMA Name:	
Method Code:	DW
Method Desc:	Digitized - Web Map Google / Yahoo / Microsoft

Unplottable Summary

Total: 0 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID

No unplottable records were found that may be relevant for the search criteria.

Unplottable Report

No unplottable records were found that may be relevant for the search criteria.

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

The U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL) includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program, based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. This data includes NPL sites represented as polygons, where available, that can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS), and is limited to those sites where the NPL Status reflects the site is 'Currently on the Final NPL (F)' and/or the 'Site is Part of NPL Site (A)'. These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. As site investigation and remediation progress, OUs may be added, modified or refined. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jun 19, 2025

National Priority List - Proposed: PROPOSED NPL

Sites proposed by the U.S. Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jun 19, 2025

Deleted NPL: DELETED NPL

Sites deleted from the U.S. Environmental Protection Agency (EPA)'s National Priorities List (NPL). The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites represented as polygons, where available, can be sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). These site boundaries represent the footprint of a whole site, the sum of all the Operable Units (OUs) and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Jun 19, 2025

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the EPA's Facility Registry Service map tool.

Government Publication Date: Jun 26, 2025

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Jun 26, 2025

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Sep 1, 2025

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites that have indicated engagement in the treatment, storage, or disposal of hazardous waste which requires a RCRA hazardous waste permit.

Government Publication Date: Sep 1, 2025

RCRA Generator List: RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste. This list also includes RCRAInfo sites that have notified as LQGs that do not have a registered Site Manager or Certifier in RCRAInfo.

Government Publication Date: Sep 1, 2025

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month. This list also includes RCRAInfo sites that have notified as SQGs that do not have a registered Site Manager or Certifier in RCRAInfo.

Government Publication Date: Apr 14, 2025

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Apr 14, 2025

RCRA Non-Generators: RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Apr 14, 2025

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Sep 1, 2025

Federal Engineering Controls-ECs: FED ENG

List of Engineering controls (ECs) made availabe by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Jul 29, 2025

Federal Institutional Controls- ICs: FED INST

List of Institutional controls (ICs) made available by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Jul 29, 2025

Land Use Controls Information System: LUCIS

The Land Use Controls Information System (LUCIS) database is sourced from the U.S. Department of the Navy (DON). This data contains information for former Base Realignment and Closure (BRAC) properties across the United States. DON's BRAC office was tasked with tracking certain base closures while requiring the prevention of risks to human health and the environment of those properties with LUCs in place. Regarding currently available LUC Sites data, the sites listing is limited to centroid point locations for the overall installation property boundaries. Formerly obtained LUC Sites data may reflect site details that applied previously for a BRAC property.

Government Publication Date: Jun 13, 2024

Institutional Control Boundaries at NPL sites: NPL IC

These boundaries of Institutional Control areas at sites on the U.S. Environmental Protection Agency's (EPA) National Priorities List (NPL), or as Proposed or Deleted, are sourced from the EPA NPL Superfund Site Boundaries dataset, refreshed by the Shared Enterprise Geodata and Services (SEGS). The EPA's NPL includes the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Data provided by external parties is not independently verified by EPA. This boundary data is made available to the public strictly for informational purposes.

Government Publication Date: Jun 19, 2025

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Jun 22, 2025

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Feb 19, 2025

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

Government Publication Date: Jan 9, 2024

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Jan 9, 2024

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

This list of petroleum refineries is sourced from the U.S. Energy Information Administration (EIA), Refinery Capacity Report. The listing includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year. The geographic area the report covers is the 50 States, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, Guam, and other U.S. possessions. Per the EIA, the facility location data represents the approximate location based on research of publicly available information from sources such as Federal agencies, company websites, and satellite images on public websites.

Government Publication Date: Oct 31, 2024

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

A list of petroleum product and crude oil rail terminals from the U.S. Energy Information Administration (EIA), as well as petroleum terminals sourced from Oak Ridge National Laboratory hosted by the Homeland Infrastructure Foundation-Level Database. Data includes operable bulk petroleum product terminals with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil with activity between 2017 and 2018. EIA petroleum product terminal data comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings.

Government Publication Date: Jun 5, 2025

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Jun 26, 2025

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Jul 29, 2025

State

Minnesota Permanent List of Priorities: PLP

The state Superfund sites in Minnesota are listed on the Minnesota Permanent List of Priorities (PLP). The hazardous waste sites on the PLP are in various stages of remediation. At these sites investigation and cleanup are needed, cleanup is underway, or cleanup has been completed and long-term monitoring or maintenance continues. This data is made available by the Minnesota Pollution Control Agency (MPCA). This database serves a purpose similar to that of the federal NPL, functioning as a state-level counterpart for prioritizing cleanup efforts at hazardous substance release sites.

Government Publication Date: Aug 15, 2025

Delisted Permanent List of Priorities (PLP): DEL PLP

This list contains sites that were previously included - and have since been removed from - the Permanent List of Priorities (PLP) maintained by Minnesota's Pollution Control Agency (MPCA) but have now been delisted.

Government Publication Date: Aug 15, 2025

Minnesota Site Remediation Section Database: SHWS

The Site Remediation Section identifies, investigates, and determines appropriate cleanup plans for abandoned or uncontrolled hazardous waste sites where a release or potential release of a hazardous substance poses a risk to human health or the environment. This data is made available by the Minnesota Pollution Control Agency (MPCA)'s Site Remediation Section. This database serves a purpose similar to that of the federal Superfund Enterprise Management System (SEMS), functioning as a state-level counterpart for tracking potential hazardous substance release sites.

Government Publication Date: Aug 15, 2025

MPCA Site Assessment and Emergency Response Sites: SITE ASSESSMENT

List of active and closed sites that are currently under site assessment by Minnesota Pollution Control Agency (MPCA) and are a part of MPCA Remediation Sites list, and Emergency Management Sites where a chemical spill or some other environmental incident occurred that required immediate action to protect human health and the environment (includes only Emergency Management Sites that require significant staff involvement).

Government Publication Date: Aug 15, 2025

Permitted Solid Waste Facilities: SWF/LF

A list of permitted solid waste and landfill facilities made available by the Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Aug 18, 2025

Closed Landfills Priority List: LCP

The Minnesota Legislature enacted the Landfill Cleanup Act (LCA) in 1994 to ensure the proper closure and post-closure care at up to 112 closed, permitted municipal sanitary landfills located throughout the state. Based on this legislation, the Minnesota Pollution Control Agency (MPCA) created the Closed Landfill Program (CLP) to administer the LCA mandates. This data made available by The Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Jan 16, 2025

Unpermitted Dump Sites: UNPERMITTED LF

The Minnesota Pollution Control Agency (MPCA) defines "dumps" as those landfills that never held a valid permit from the MPCA. Generally, dumps existed prior to the permitting program established with the creation of the MPCA in 1967. This database is made available by MPCA.

Government Publication Date: Aug 15, 2025

Recycling Markets Directory: RECYCLING

The Recycling Markets Directory is provided by the Minnesota Pollution Control Agency (MPCA). The markets in this database accept large (commercial) quantities of materials.

Government Publication Date: Nov 10, 2022

Historical Leaking Underground Storage Tanks: HIST LUST

A list of leaking underground storage tanks (LUSTs) in the tanks database maintained by the Minnesota Pollution Control Agency (MPCA) up until Nov 01, 2016.

Government Publication Date: Nov 1, 2016

Deleted Leaking Underground Storage Tanks: DEL LUST

A list of leaking underground storage tanks that are often deleted for various reasons. Deletion occurs primarily due to a duplication, or that the source was determined to not be from a tank. This list was provided by Minnesota Pollution Control Agency.

Government Publication Date: Jan 5, 2016

Historical Leaking Aboveground Storage Tanks: HIST LAST

A list of leaking aboveground storage tanks (LASTs) in the tanks database maintained by the Minnesota Pollution Control Agency (MPCA) up until Nov 01, 2016.

Government Publication Date: Nov 1, 2016

Historical Leak Sites: HIST LEAKSITES

A list of leak sites that were neither determined as aboveground nor underground in the tanks database maintained by the Minnesota Pollution Control Agency (MPCA) up until Nov 01, 2016.

Government Publication Date: Nov 1, 2016

MPCA Remediation Leak Sites: LST REM SITE

This is list of leak sites in which the Minnesota Pollution Control Agency (MPCA) is involved in remediation activities. The MPCA publishes this listing.

Government Publication Date: Aug 15, 2025

MPCA Tank Incidents: LST INCIDENT

A list of leaking and registered tank sites in Minnesota that includes locations, details of tank installation and construction, and installed safety measures. This list is provided by Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Aug 15, 2025

Delisted Leaking Storage Tanks: DELISTED LST

This database contains a list of closed leaking storage tank sites that were removed from the Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Aug 15, 2025

Underground Storage Tanks: UST

In Minnesota, there are about 18,000 regulated underground storage tanks (USTs) currently in use. The Underground Storage Tank Program in the Minnesota Pollution Control Agency (MPCA) was created to help prevent contamination caused by leaking tanks. This is a list that contains all regulated USTs. Some types of USTs are exempt from state regulations, such as: tanks with capacity of 110 gallons or less; farm and residential tanks with a 1,100-gallon capacity or less, storing motor fuel for non-commercial purposes, or heating oil for on-site consumption; tanks that contain a minimum concentration of regulated substances; flow-through process tanks; oil-water separators. This data is made available by MPCA.

Government Publication Date: Aug 15, 2025

Minnesota Above Ground Storage Tanks: AST

There are more than 20,000 regulated above-ground storage tanks (ASTs) currently in use across Minnesota. Most tanks located above ground containing liquid substances (i.e., not gaseous or solid at ambient temperature and pressure) are subject to the Minnesota Pollution Control Agency's (MPCA) rules for design and operation of ASTs. This list contains ASTs regulated by MPCA. Some types of ASTs are exempt from the regulations, such as but not limited to the following: ASTs with a capacity of 500 gallons or less; Farm ASTs; Residential ASTs storing 1,100 gallons or less of motor fuel used for noncommercial purposes; ASTs containing hazardous wastes subject to a treatment or storage permit or containing agricultural chemicals regulated under MN Statutes 18B, 18C, 18D; Stormwater collection systems and septic systems. This data is made available by the MPCA.

Government Publication Date: Aug 15, 2025

Tank Sites: HIST TANK

A list of tank sites not included in AST or UST, this list maintained by the Minnesota Pollution Control Agency (MPCA) up until Dec 30, 2016.

Government Publication Date: Dec 30, 2016

Delisted Storage Tanks: DELISTED TANK

This database contains a list of storage tank sites that were removed from the Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Aug 15, 2025

Sites with Institutional Control Events: INST

A list made available by the Minnesota Pollution Control Agency (MPCA) consisting of remediation sites that have various institutional controls in place.

Government Publication Date: Aug 8, 2025

Agricultural Contingency Sites Boundaries: AG CONTINGENCY

The Minnesota Department of Agriculture (MDA) Incident Response Unit (IRU) is the state lead agency for the investigation and remediation of incidents involving agricultural chemicals (pesticides and fertilizer). This MDA IRU database includes sites with a soil or ground water contingency, deed restriction, local ordinance, restrictive covenant or deed affidavit in place. The accuracy of the boundaries of these sites can be variable - in most cases, the site boundaries should be considered as only representing the vicinity of the soil or ground water contingency area or plume.

Government Publication Date: Sep 2, 2025

Petroleum Brownfields Program Sites: BROWNFIELDS

The Minnesota Pollution Control Agency (MPCA)'s Petroleum Brownfields Program handles petroleum contamination under the Petroleum Tank Release Cleanup Act (Minnesota Statutes § 115C). This data is made available by MPCA.

Government Publication Date: Aug 15, 2025

Voluntary Investigation and Cleanup Program List: VIC

The Minnesota Pollution Control Agency's (MPCA) Brownfield Program consists of an integrated program called the Voluntary Investigation and Cleanup (VIC) Program. This program handles hazardous substance contamination under Minnesota's Environmental Response and Liability Act (Minnesota Statutes § 115B). This database is made available by MPCA.

Government Publication Date: Aug 15, 2025

Potential Voluntary Investigation and Cleanup Program Sites: POTENTIAL VIC

This listing of Potential Voluntary Investigation and Cleanup Program sites is provided by the Minnesota Pollution Control Agency (MPCA). These potential sites have not yet entered into the VIC Program until an application has been received at the MPCA.

Government Publication Date: Apr 22, 2016

MPCA Agency Interests: MPCA AI

Facility, site and project locations from the Minnesota Pollution Control Agency's enterprise database, representing locations associated with waste water, storm water, hazardous waste, feedlot, solid waste, tanks, remediation, and other agency programs. Includes records from "What's In My Neighborhood Sites".

Government Publication Date: Jul 30, 2025

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands: INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 5, which includes Minnesota, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Apr 21, 2025

Underground Storage Tanks on Tribal/Indian Lands: INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 5, which includes Minnesota, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Apr 21, 2025

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 22, 2025

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 22, 2025

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

PFAS Greenhouse Gas Emissions Data: PFAS GHG

The U.S. Environmental Protection Agency's (EPA) Greenhouse Gas Reporting Program (GHGRP) collects Greenhouse Gas (GHG) data from large emitting facilities (25,000 metric tons of carbon dioxide equivalent (CO2e) per year), and suppliers of fossil fuels and industrial gases that results in GHG emissions when used. This dataset is sourced from the EPA's PFAS Analytic Tools, and it includes GHG emissions data for facilities that emit or have emitted since 2010 chemicals identified as PFAS based on EPA's CompTox Chemicals Dashboard lists of PFAS with defined and undefined structures. PFAS emissions data has been identified for facilities engaged in the following industrial processes: Aluminum Production (GHGRP Subpart F), HCFC-22 Production and HFC-23 Destruction (Subpart O), Electronics Manufacturing (Subpart I), Fluorinated Gas Production (Subpart L), Magnesium Production (Subpart T), Electrical Transmission and Distribution Equipment Use (Subpart DD), and Manufacture of Electric Transmission and Distribution Equipment (Subpart SS). Over time, other industrial processes with required GHGRP reporting may include PFAS emissions data and the list of reportable gases may change over time. Note that some regulatory programs have specified chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard.

Government Publication Date: Jul 25, 2025

On-Scene Coordinator Response Sites: OSC RESPONSE

This list of On-Scene Coordinator (OSC) Response Sites is provided by the U.S. Environmental Protection Agency (EPA). OSCs are the federal officials responsible for monitoring or directing responses to all oil spills and hazardous substance releases reported to the federal government. OSCs coordinate all federal efforts with, and provide support and information to local, state, and regional response communities. An OSC is an agent of either EPA or the U.S. Coast Guard (USCG), depending on where the incident occurs. EPA's OSCs have primary responsibility for spills and releases to inland areas and waters. USCG OSCs have responsibility for coastal waters and the Great Lakes. In general, an OSC has the following key responsibilities during and after a response: Assessment, Monitoring, Response Assistance, and Evaluation.

Government Publication Date: May 6, 2025

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Jul 1, 2025

Toxics Release Inventory (TRI) Program: TRIS

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment. This database includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

PFOA/PFOS Contaminated Sites: PFAS NPL

This list of Superfund Sites with Per- and Polyfluoroalkyl Substances (PFAS) detections is made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data, previously the list was obtained by EPA FOIA requests. EPA's Office of Land and Emergency Management and EPA Regional Offices maintain what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment. Limitations: Detections of PFAS at National Priorities List (NPL) sites do not mean that people are at risk from PFAS, are exposed to PFAS, or that the site is the source of the PFAS. The information in the Superfund NPL and Superfund Alternative Agreement (SAA) PFAS detection site list is years old and may not be accurate today. Site information such as site name, site ID, and location has been confirmed for accuracy; however, PFAS-related information such as media sampled, drinking water being above the health advisory, or mitigation efforts has not been verified. For Federal Facilities data, the other Federal agencies (OFA) are the lead agency for their data and provided them to EPA.

Government Publication Date: Jun 30, 2025

Federal Agency Locations with Known or Suspected PFAS Detections: PFAS FED SITES

This list of federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS) is made available by the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools data. The EPA outlines that these data are gathered from several federal entities, such as the federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration (NASA), Department of Transportation (DOT), and Department of Energy (DOE). The dates this data was extracted for the PFAS Analytic Tools range from 2022 to 2025 per agency entity dataset. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: May 30, 2025

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the PFAS Project Lab, part of the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map by the PFAS-REACH team, credited to PFAS Project Lab, Silent Spring Institute, and PFAS Exchange. Disclaimer: The source conveys the data undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Access the following source link for the most current information: https://pfasproject.com/pfas-sites-and-community-resources/

Government Publication Date: Jun 27, 2024

National Response Center PFAS Spills: PFAS ERNS

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, is the designated federal point of contact for reporting all oil, chemical, and other discharges into the environment, for the United States and its territories. This dataset contains NRC spill information from 1990 to the present that is restricted to records associated with PFAS and PFAS-containing materials. Incidents are filtered to include only records with a "Material Involved" or "Incident Description" related to Aqueous Film Forming Foam (AFFF). The keywords used to filter the data included "AFFF," "Fire Fighting Foam," "Aqueous Film Forming Foam," "Fire Suppressant Foam, "PFAS," "PERFL," "PFOA," "PFOS," and "Genx." Limitations: The data from the NRC website contains initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

Government Publication Date: Sep 1, 2025

PFAS NPDES Discharge Monitoring: PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Dec 16, 2024

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment. This listing includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

PFAS Water Quality Portal Sampling Data: PFAS WATER

This Per- and Poly-Fluoroalkyl Substances (PFAS) Environmental Media Sampling Data is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The Water Quality Portal (WQP), as a cooperative service sponsored by the United States Geological Survey, the EPA, and the National Water Quality Monitoring Council, is part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations, and individuals submit project details and sampling results to this public repository. Limitations: EPA did not carry out the sampling or testing of a majority of the data in the WQP PFAS dataset. EPA can only speak to the accuracy and completeness of the data from projects like the National Aquatic Resource Surveys for which EPA is the data owner/organization. Data may exist within the file on Quality Assurance Project Plans (QAPPs) and the approving agency of the QAPP, if a QAPP is entered.

Government Publication Date: Jan 13, 2025

PFAS TSCA Manufacture and Import Facilities: PFAS TSCA

The U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: This data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jan 5, 2023

PFAS Waste Transfers from RCRA e-Manifest: PFAS E-MANIFEST

This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

Government Publication Date: Jul 26, 2025

PFAS Industry Sectors: PFAS IND

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

Government Publication Date: Sep 1, 2025

Hazardous Materials Information Reporting System: HMIRS

The Hazardous Materials Incident Reporting System (HMIRS) database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration.

Government Publication Date: May 29, 2024

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Nov 30, 2023

Toxic Substances Control Act: TSCA

The U.S. Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule. The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI). EPA CDR collections occur approximately every four years and reporting requirements change per collection.

Government Publication Date: May 12, 2022

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Apr 25, 2025

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

Government Publication Date: May 3, 2025

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. This EPA source file tracks facilities that possess NAICS and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Apr 19, 2025

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Apr 19, 2025

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset which applies to the Fiscal Year 2021 FUDS Inventory.

Government Publication Date: May 15, 2023

FUDS Munitions Response Sites: FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

Government Publication Date: May 15, 2023

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

This list of flagged pipeline incidents is made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types. Accidents reported on hazardous liquid gravity lines (§195.13) and reporting-regulated-only hazardous liquid gathering lines (§195.15) and incidents reported on Type R gas gathering (§192.8(c)) are not included in the flagged incident file data.

Government Publication Date: May 6, 2024

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Feb 5, 2024

Surface Mining Control and Reclamation Act Sites: SMCRA

This inventory of land and water impacted by past mining (primarily legacy coal mining operations) is maintained by the U.S. Department of the Interior's Office of Surface Mining Reclamation and Enforcement (OSMRE), as it provides information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) Problems, as well as information on the cost associated with the reclamation of those problems. The data is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed. Disclaimer: Per the OSMRE, States and tribes who enter their data into e-AMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

Government Publication Date: May 20, 2024

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 12, 2023

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

Government Publication Date: Aug 1, 2025

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Cases filed since 2010 limited to the following: Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS); and applicable ENRD's Environmental Defense Section (EDS) CERCLA Cases with "Consent" in History Note. CMS may not reflect the latest developments in a case, nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jun 26, 2024

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Feb 29, 2024

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: May 23, 2024

Power Plants: POWER PLANTS

This list of power plants is provided by the U.S. Energy Information Administration (EIA). The listing includes operable electric generating plants in the United States by energy source, originating from the EIA-860, Annual Electric Generator Report; EIA-860M, Monthly Update to the Annual Electric Generator Report; and EIA-923, Power Plant Operations Report. It includes all operable plants by energy source with a combined nameplate capacity of 1 megawatt or more that are operating, are on standby, or out of service for short- or long-term.

Government Publication Date: Jun 5, 2025

Historical Business Activity Risk: HIST RISK

Proprietary list of sites identified as potentially having engaged in business activity that poses a higher-than-normal risk of contamination. Records originate from historical city directories, and are included in this list based on broad business categories Potentially Hazardous Chemical Users and Fuel and Automotive, including but not limited to Dry Cleaners and Fuel Stations, Garages, etc. Inclusion in this listing does not indicate that there is or ever has been contamination; rather, sites are included in this list due to their potential for having engaged in a business activity presenting an elevated risk of contamination. The list was compiled from various city directories including Polks, Millers, Mullin Kille, Interstate Directory, and State Directory Co; spanning roughly 1920s through 1960 depending on information available by city.

Government Publication Date: Jan 1, 1960

State

Spills reported to the Pollution Control Agency: SPILLS

This listing of reported spills is maintained by the Minnesota Pollution Control Agency (MPCA). The Minn. Stat. §115.061, which has been in effect since 1969, describes the duty of people to notify the MPCA when spills occur.

Government Publication Date: Aug 15, 2025

Department of Agriculture Spills: AG SPILLS

The Minnesota Department of Agriculture Incident Response Unit is the regulatory authority of Agricultural Chemical (Ag-Chem) Incidents in Minnesota. This list contains pesticide and fertilizer incidents reported to the Response Unit. This data made available by The Minnesota Department of Agriculture, Incident Response Unit.

Government Publication Date: Sep 2, 2025

Historic spills reported to the Pollution Control Agency: HIST SPL

The Minn. Stat. §115.061, which has been in effect since 1969, describes the duty of people to notify the Minnesota Pollution Control Agency (MPCA) when spills occur. This is the list of spills reported to MPCA, and maintained by The Minnesota Pollution Control Agency (MPCA). This list was maintained till 1 Nov 2016.

Government Publication Date: Nov 1, 2016

Registered Dry Cleaning Facilities: DRYCLEANERS

The Minnesota Pollution Control Agency (MPCA) maintains this listing of registered dry cleaning facilities.

Government Publication Date: Sep 11, 2024

Delisted Drycleaners: DELISTED DRYCLEANERS

List of sites that once appeared on - and have since been removed from - the list of registered dry cleaning facilities made available by the Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Sep 11, 2024

PFAS in Groundwater Samples: PFAS GW

A list of sites from the Minnesota Groundwater Contamination Atlas where Per- and Polyfluoroalkyl Substances (PFAS) were found in groundwater samples. This list is made available by the Minnesota Pollution Control Agency.

Government Publication Date: Nov 12, 2021

PFAS in Landfills: PFAS LANDFILL

A list of sites in the Closed Landfill Program where Per- or polyfluorinated alkyl substances (PFAS) have been detected. This list is made available by the Minnesota Pollution Control Agency (MPCA).

Government Publication Date: Jan 3, 2024

Clandestine Drug Labs: CDL

The Methamphetamine Laboratory Program at the Minnesota Department of Health (MDH) works to protect human health by providing technical advice on the remediation of clandestine methamphetamine production laboratories (meth labs) and decontamination of property exposed to meth lab activities.

Government Publication Date: Aug 23, 2021

Animal Feedlots: FEEDLOTS

The Minnesota Pollution Control Agency (MPCA) tracks locations of animal feedlot facilities. The locations of animal feedlots provide information and context to support decisions on animal health, land use, and maintaining environmental quality.

Government Publication Date: Mar 7, 2025

Tier 2 Report: TIER 2

A list of Tier 2 Facilities in Minnesota. This list is provided by Minnesota Department of Public Safety overseen by the Division of Homeland Security and Emergency Management.

Government Publication Date: Sep 14, 2022

Bulk Storage Permits: BULK STORAGE

The Minnesota Department of Agriculture's Licensing Information System (LIS) lists individuals or companies who hold licenses, certificates and/or permits required by state law and regulated by the Department. This database only contains those LIS licenses related to anhydrous ammonia storage facilities and bulk pesticide/ fertilizer storage facilities.

Government Publication Date: Jun 24, 2024

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

Appendix C: Historical Resources

HIG Research Summary

Site Location
USS Eagle Bend Solar
15010 380th Street
Eagle Bend, MN

Requested by
Westwood Professional Services, Inc.
12701 Whitewater Drive
Minnetonka, MN

HIG Project #
2093526
Client Project #
R0070280.00
Date Created
09/25/2025

Historical Information Gatherers

This Research Summary identifies the products and services provided by Historical Information Gatherers, Inc. (HIG) for the above referenced site location. All products are provided as PDFs unless otherwise noted.

Historical Aerial Photographs

Aerial photographs of the site location were used to create a multi-page file named AerialPhotos. Each aerial photograph has a title block that includes the year and scale of the photograph as well as project information submitted at the time the order was placed. The years provided are:

1939, 1953, 1957, 1963, 1966, 1979, 1984, 1988, 1991, 1996, 2003, 2008, 2013, 2019, 2023

City Directory Pages/Abstracts

Research Methodology: A search was conducted for city directories that include coverage of the site area using HIG's City Directory Collection and other sources, if needed. Directories for the following years were identified for the site area. A comma between date ranges indicates a gap of 10 years or more in available city directories:

Alexandria: (1929-1938, 1951, 1961-2023)

The above listed directories were reviewed at approximate 5 year intervals to determine if the street(s) specified in the order were included in the directories and had listings for the site area. HIG attempted to identify former street names and aliases and if identified, these were also included in the review.

Research Results: City directory information, when provided, was used to create a multi-page file(s) named CD- followed by the street name. When City Directory Pages are provided, the publication name and date are shown at the top of each page. When a City Directory abstract is provided, the first page of the abstract includes the relevant publication information. The years of coverage identified for each street and any identified historical street names are as follows:

151st Avenue: No Listings (see BDAS document)
380th Street: No Listings (see BDAS document)

FIM+ Maps

The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIMs), real estate atlases and similar maps for the site location and adjoining properties. No FIMs or similar maps were identified for the site location and/or adjoining properties.

Database Report

An ERIS Database Report is provided as a file named DBR. In addition, the Physical Setting Report is provided in a file name PSR.

Topographic Maps

The HIG Historical Map Collection was searched for topographic maps for the site location and adjoining properties. Maps from the HIG Collection were used to create a multi-page file named TopoMaps. The years provided are:

1969, 2013, 2016, 2019, 2022

Up to four different topographic maps may have been used to create a unified map showing the site location in the center. Unified maps show subdued modern topo features where corresponding maps of the same year were not published. The date in large font on each map is the date HIG has attributed to the map based on the date of first publication, or the most recent date of map inspection or revision. The definitions below provide clarification regarding the dates included in the HIG title block for each map.

Base Map Year - The year when a topographic map was first published or the date the map was significantly revised and given a new base map date.
Photo Year - The date of the most recent aerial photography used to create, revise, or inspect the map.
Photoinspected Year - The year the base map was compared to a more recent aerial photograph. If the comparison showed that no changes were needed, the map was marked photoinspected and no changes were made to the map.
Photorevised Year - During the photo inspection process, if enough changes were observed, the map would be revised by adding the new features. These changes were not field checked and are shown in purple on the photorevised maps.

Disclaimer & Limitation of Liability

This Research Summary and the related documents and images provided by Historical Information Gatherers (hereafter referred to as the "Site Specific HIG Data") contain information obtained from a variety of public and private sources. Additional information for the site and surrounding properties may exist. Accordingly, there can be no guaranty or warranty that the information provided is complete for its particular intended purpose. No warranty expressed or implied, is made whatsoever in connection with the Site Specific HIG Data. Historical Information Gatherers specifically disclaims the making of any such warranties, including without limitation, merchantability or fitness for a particular purpose. Historical Information Gatherers, its officers, employees and independent contractors cannot be held liable to anyone for any loss or damage, whether arising out of errors or omissions, negligence, accident or any other cause, resulting directly or indirectly from any information provided or any information not provided in the Site Specific HIG Data. Any liability on the part of Historical Information Gatherers is strictly limited to a refund equal to the amount paid for the Site Specific HIG Data.

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Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**2023** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**2023** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**2019** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**2019** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**2013** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**2013** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar
15010 380th Street
Eagle Bend, MN

N

2008

HIG Project # 2093526
Client Project # R0070280.00
Approximate Scale 1: 6,000 (1"=500')
www.historicalinfo.com

HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar
15010 380th Street
Eagle Bend, MN

N

2008

HIG Project # 2093526
Client Project # R0070280.00
Approximate Scale 1: 6,000 (1"=500')
www.historicalinfo.com

HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**2003** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**2003** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



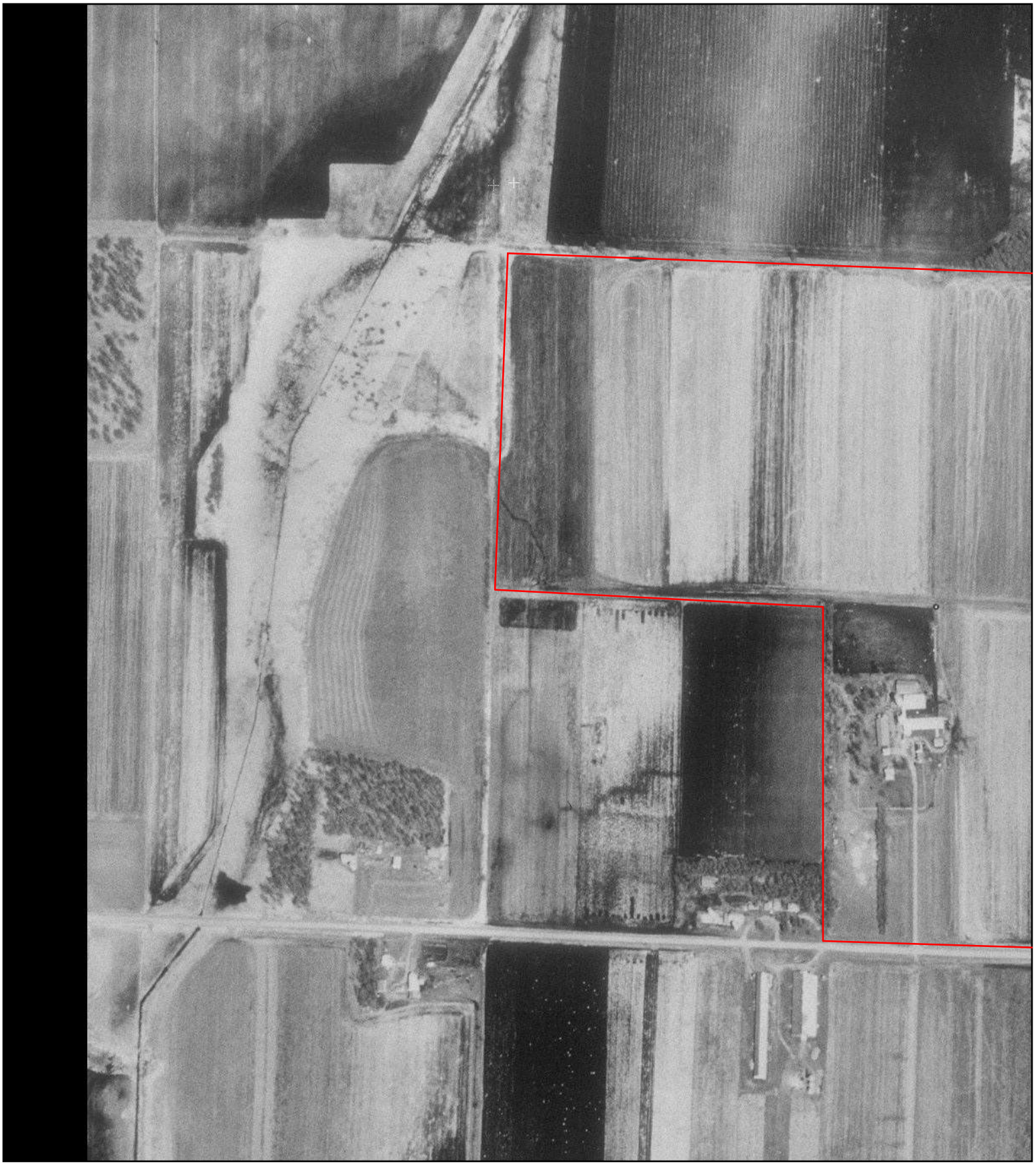
Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**1996** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**1996** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**1991** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar
15010 380th Street
Eagle Bend, MN

N

1991

HIG Project # 2093526
Client Project # R0070280.00
Approximate Scale 1: 6,000 (1"=500')
www.historicalinfo.com



Site boundaries shown in red are approximate

USS Eagle Bend Solar
15010 380th Street
Eagle Bend, MN

N

1988

HIG Project # 2093526
Client Project # R0070280.00
Approximate Scale 1: 6,000 (1"=500')
www.historicalinfo.com



Site boundaries shown in red are approximate

USS Eagle Bend Solar
15010 380th Street
Eagle Bend, MN

N

1988

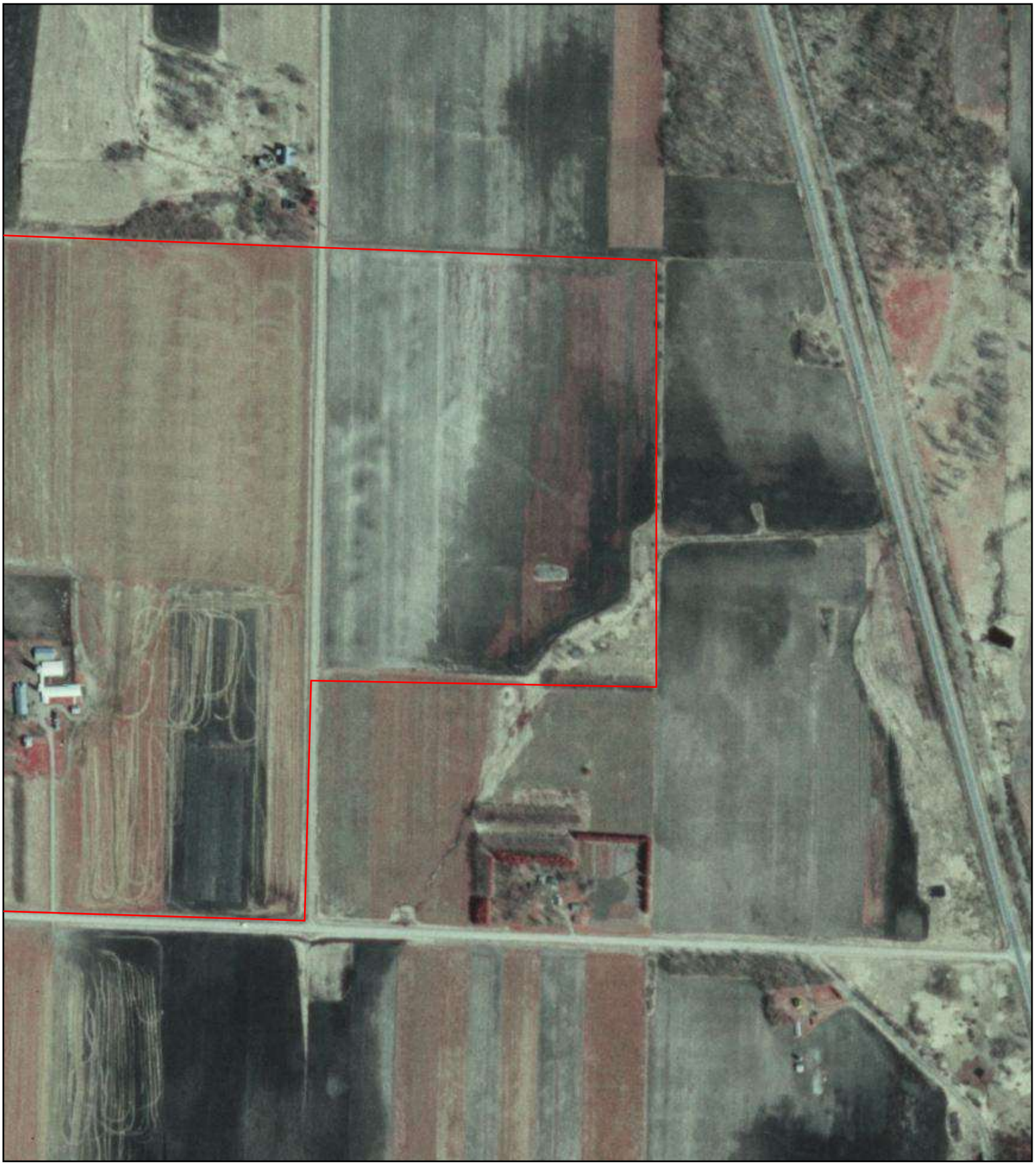
HIG Project # 2093526
Client Project # R0070280.00
Approximate Scale 1: 6,000 (1"=500')
www.historicalinfo.com

HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**1984** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**1984** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**1979** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar
15010 380th Street
Eagle Bend, MN

N

1979

HIG Project # 2093526
Client Project # R0070280.00
Approximate Scale 1: 6,000 (1"=500')
www.historicalinfo.com

HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar
15010 380th Street
Eagle Bend, MN

N

1966

HIG Project # 2093526
Client Project # R0070280.00
Approximate Scale 1: 6,000 (1"=500')
www.historicalinfo.com



Site boundaries shown in red are approximate

USS Eagle Bend Solar
15010 380th Street
Eagle Bend, MN

N

1966

HIG Project # 2093526
Client Project # R0070280.00
Approximate Scale 1: 6,000 (1"=500')
www.historicalinfo.com



Site boundaries shown in red are approximate

USS Eagle Bend Solar
15010 380th Street
Eagle Bend, MN

N

1963

HIG Project # 2093526
Client Project # R0070280.00
Approximate Scale 1: 6,000 (1"=500')
www.historicalinfo.com



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**1963** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**1957** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**1957** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**1953** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar
15010 380th Street
Eagle Bend, MN

N

1953

HIG Project # 2093526
Client Project # R0070280.00
Approximate Scale 1: 6,000 (1"=500')
www.historicalinfo.com

HIG



Site boundaries shown in red are approximate

USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN	N	**1939** HIG Project # 2093526 Client Project # R0070280.00 Approximate Scale 1: 6,000 (1"=500') www.historicalinfo.com	HIG



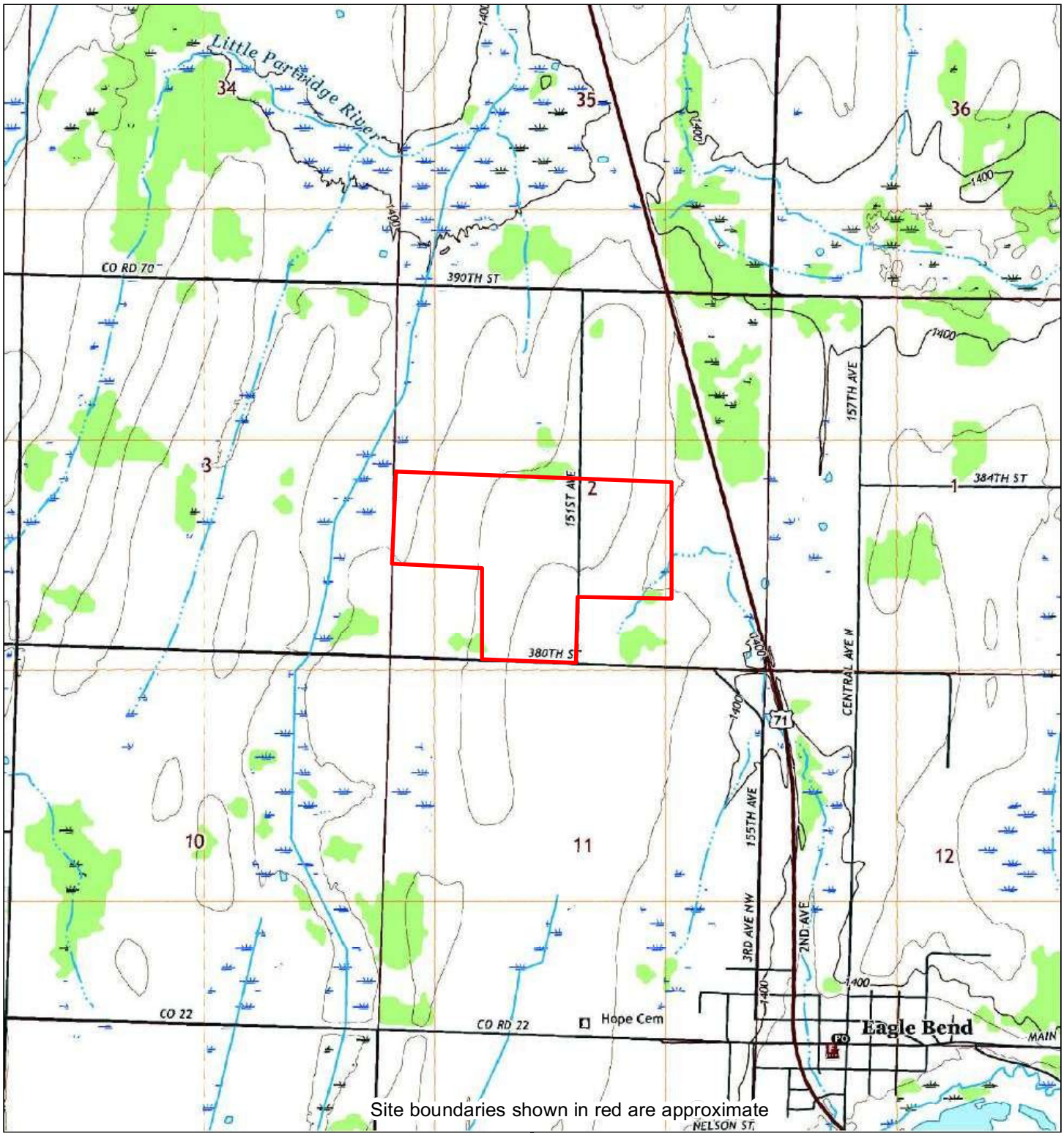
Site boundaries shown in red are approximate

USS Eagle Bend Solar
15010 380th Street
Eagle Bend, MN

N

1939

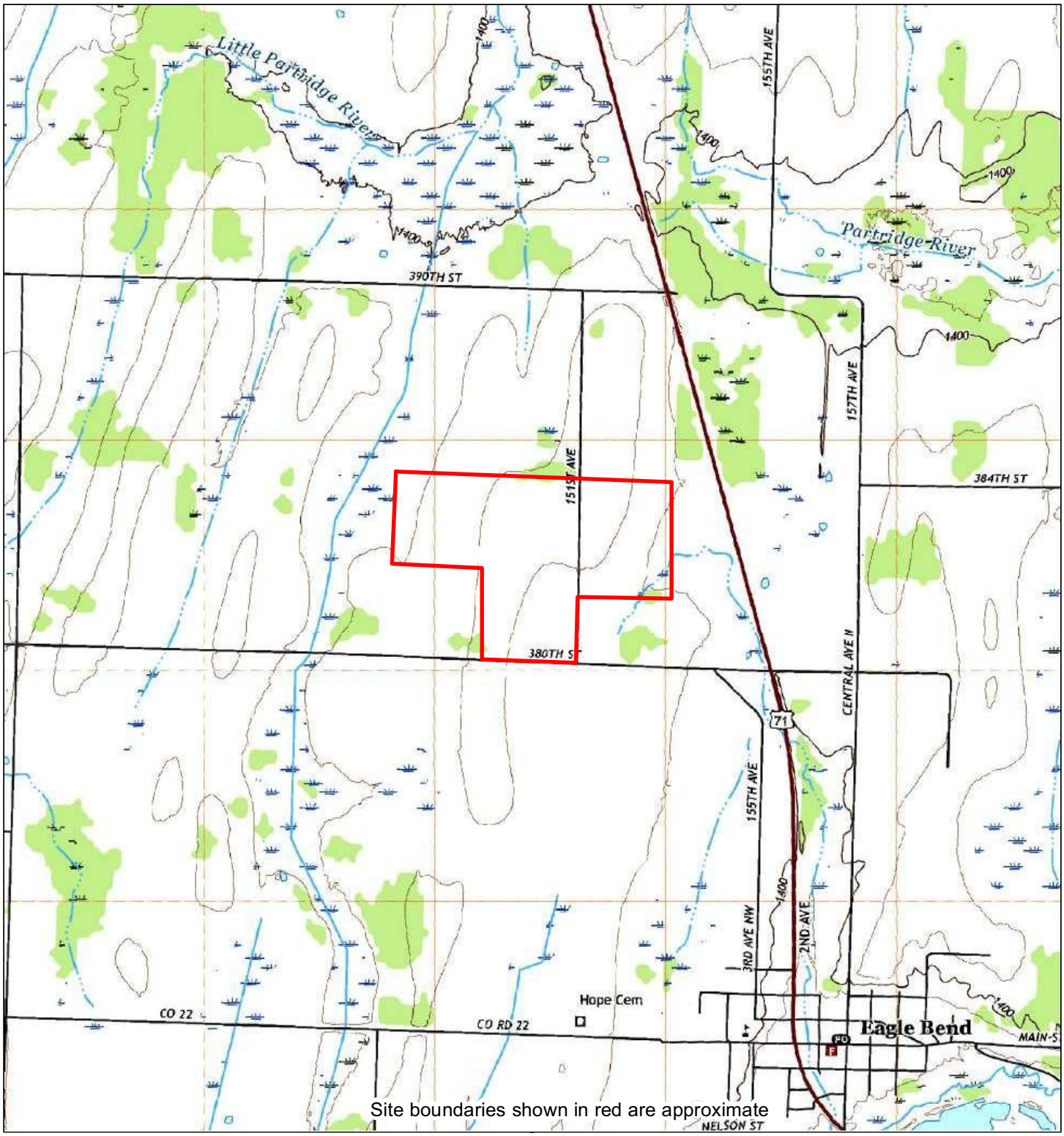
HIG Project # 2093526
Client Project # R0070280.00
Approximate Scale 1: 6,000 (1"=500')
www.historicalinfo.com



Site boundaries shown in red are approximate

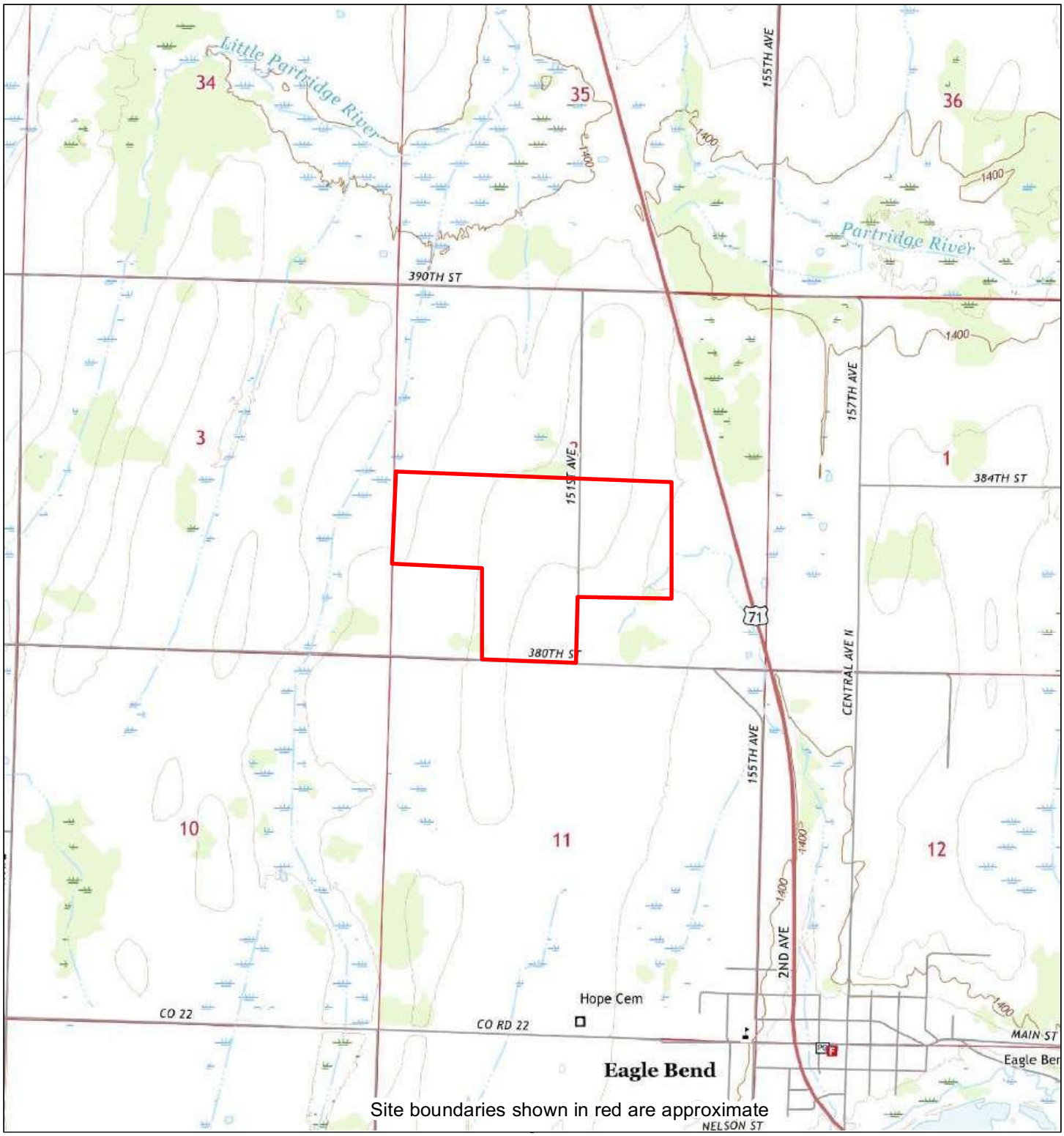
2022	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N	Site information: USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN 56446
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.	Westwood project #R0070280.00 HIG #2093526 completed: 09/23/2025	

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates Photo Year	Inspected	Revised
All	Eagle Bend, MN	USGS	7½' x 7½'	2022	--	--	--



2019	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N	Site information: USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN 56446
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.	Westwood project #R0070280.00 HIG #2093526 completed: 09/23/2025	

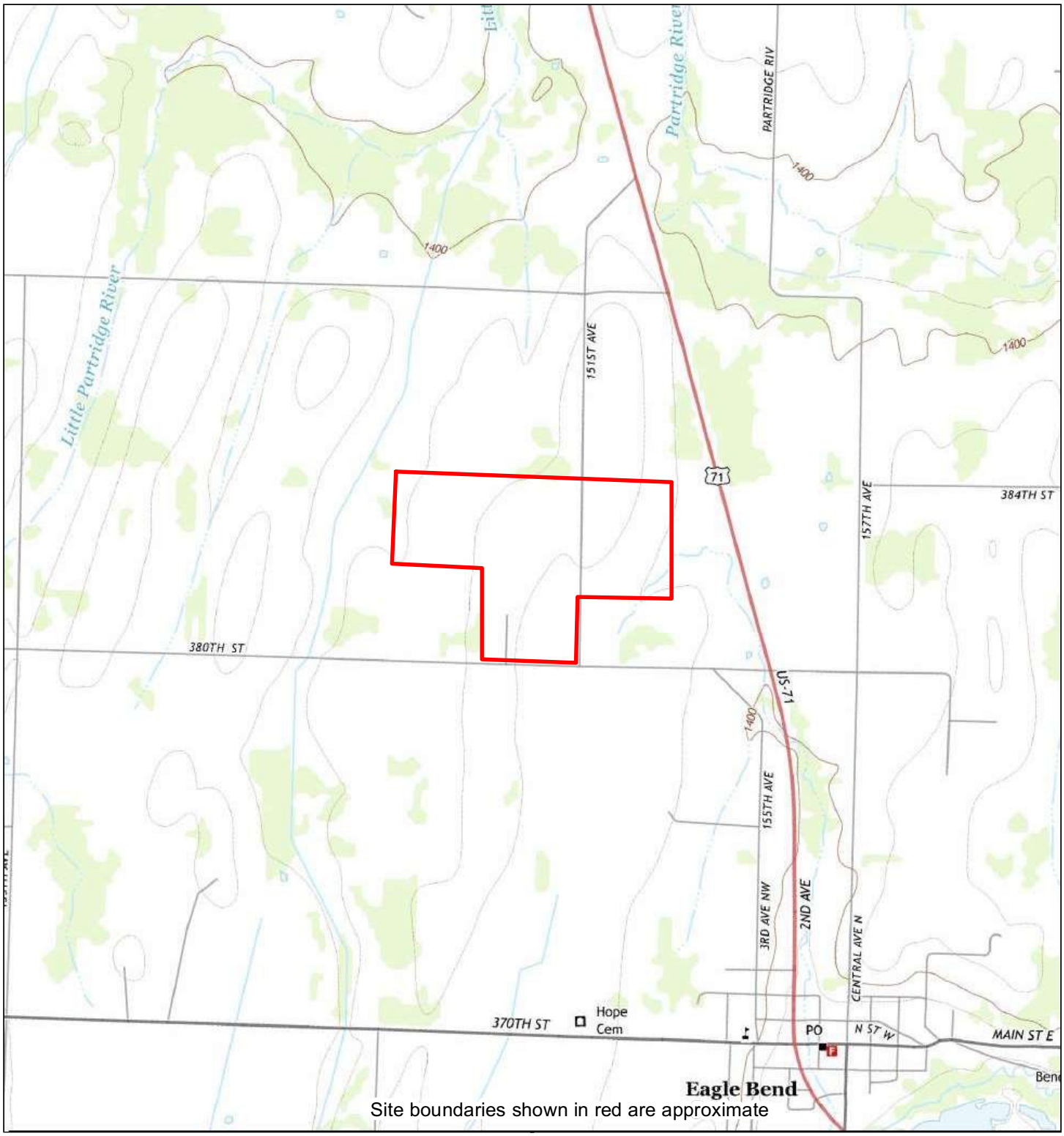
Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates Photo Year	Inspected	Revised
All	Eagle Bend, MN	USGS	7½' x 7½'	2019	--	--	--



Site boundaries shown in red are approximate

2016	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N	Site information: USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN 56446
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.	Westwood project #R0070280.00 HIG #2093526 completed: 09/23/2025	

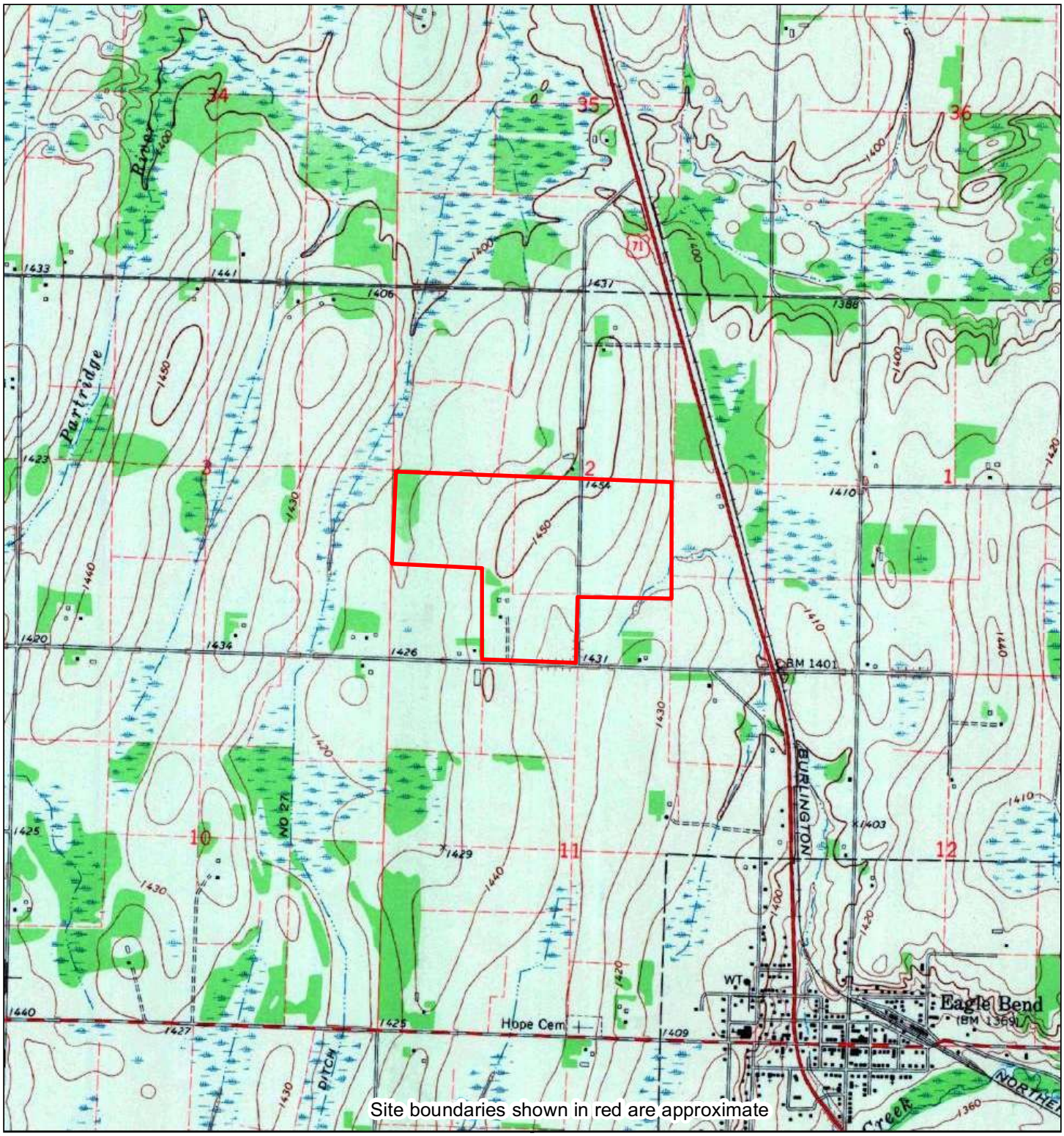
Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates Photo Year	Inspected	Revised
All	Eagle Bend, MN	USGS	7½' x 7½'	2016	--	--	--



Site boundaries shown in red are approximate

2013	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N	Site information: USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN 56446
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.	Westwood project #R0070280.00 HIG #2093526 completed: 09/23/2025	

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates Photo Year	Inspected	Revised
All	Eagle Bend, MN	USGS	7½' x 7½'	2013	--	--	--



1969	0 Distance in Miles 1 1: 24,000 (1"=2,000') NAD 1983 UTM Zone 15N	Site information: USS Eagle Bend Solar 15010 380th Street Eagle Bend, MN 56446
Unified maps show subdued modern topo features where corresponding maps of the same year were not published.	Westwood project #R0070280.00 HIG #2093526 completed: 09/23/2025	

Zone	Topographic Map Name	Publisher	Map Size	Base Map	Aerial Photo Topo Updates Photo Year	Inspected	Revised
All	Eagle Bend, MN	USGS	7½' x 7½'	1969	1966	--	--

Fire Insurance Maps No Coverage Statement

Site Location
USS Eagle Bend Solar
15010 380th Street
Eagle Bend, MN

Requested by
Westwood Professional Services, Inc.
12701 Whitewater Drive
Minnetonka, MN

HIG Project #
2093526
Client Project #
R0070280.00
Date Created
09/25/2025

Historical Information Gatherers

FIM+ Maps

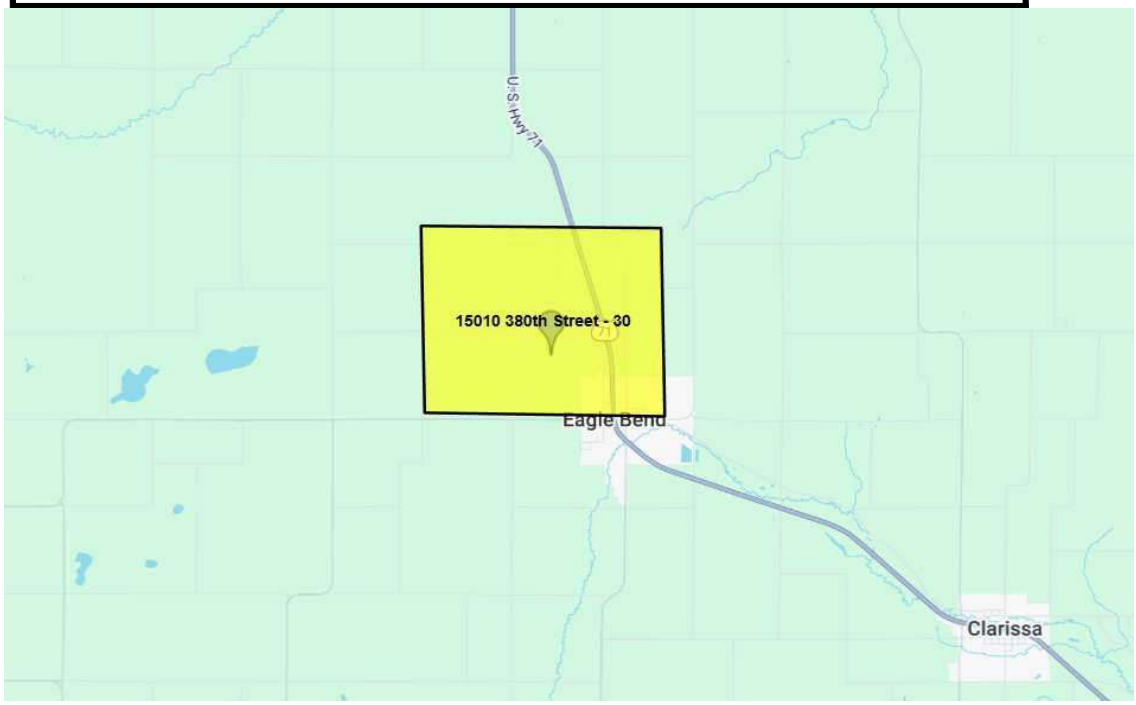
The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIMs), real estate atlases and similar maps for the site location and adjoining properties. No FIMs or similar maps were identified for the site location and/or adjoining properties.

Business Directory Area Search

Prepared for: Westwood Professional Services, Inc.
Project ID: R0070280.00
Site Name: USS Eagle Bend Solar
Subject Property Address: 15010 380th Street Eagle Bend, Minnesota
HIG Project ID: 2093526
www.historicalinfo.com

Source of Data:	US Historical Business Database
Dates of Coverage :	1997-2024

The Subject Property's approximate location is shown inside the yellow polygon on the map. The polygon represents the area researched
Select a tab at the bottom to see all listings, or individual street listings



Year	Company Name	Address	City	State	Zip	Primary SIC Code	Primary SIC Description	SIC Code 2	SIC Code 2 Description
2024	Country Basket	330 Abbott St W	Eagle Bend	MN	56446	599201	Florists-Retail	519307	Flowers/Plants-Preserved Silk Dried-Whls
2024	Klein Insurance	624 US 71 N # A	Eagle Bend	MN	56446	641112	Insurance	641107	Insurance-Homeowners
2024	Wellness In The Woods Inc	738 3rd Ave NW	Eagle Bend	MN	56446	809921	Wellness Programs	999966	Federal Government Contractors
2022	Country Basket	330 Abbott St W	Eagle Bend	MN	56446	599201	Florists-Retail	594712	Gift Shops
2022	Eagle Bend Historical Society	127 Main St E	Eagle Bend	MN	56446	841201	Museums	869907	Historical Organizations
2022	Ehnes Farms	14339 390th St	Eagle Bend	MN	56446	019101	Farms		
2022	Greene Builders	232 Clark St W	Eagle Bend	MN	56446	154213	Building Contractors	152103	General Contractors
2022	Klein Insurance	206 Central Ave S	Eagle Bend	MN	56446	641112	Insurance	641111	Insurance-Automobile
2022	Stone House	15543 390th St	Eagle Bend	MN	56446	174101	Masonry Contractors	174301	Tile-Ceramic-Contractors & Dealers
2022	Wellness In The Woods Inc	738 3rd Ave NW	Eagle Bend	MN	56446	809921	Wellness Programs	999966	Federal Government Contractors
2017	Country Basket	330 Abbott St W	Eagle Bend	MN	56446	599201	Florists-Retail	594712	Gift Shops
2017	Eagle Bend Hstrcl Society/Msm	127 Main St E	Eagle Bend	MN	56446	841201	Museums	869907	Historical Organizations
2017	Ehnes Farms	14339 390th St	Eagle Bend	MN	56446	019101	Farms		
2017	Greene Builders	232 Clark St W	Eagle Bend	MN	56446	154213	Building Contractors	152103	General Contractors
2017	Jack H Becker Construction Co	737 3rd Ave NW	Eagle Bend	MN	56446	161115	Road Maintenance		
2017	Klein Insurance	206 Central Ave S	Eagle Bend	MN	56446	641112	Insurance	641111	Insurance-Automobile
2017	Stone House	15543 390th St	Eagle Bend	MN	56446	174101	Masonry Contractors	174301	Tile-Ceramic-Contractors & Dealers
2012	Country Basket	330 Abbott St W	Eagle Bend	MN	56446	599201	Florists-Retail	594712	Gift Shops
2012	Eagle Bend Museum	737 3rd Ave NW	Eagle Bend	MN	56446	841201	Museums		
2012	Ehnes Farms	14339 390th St	Eagle Bend	MN	56446	019101	Farms		
2012	Geno's Brokerage Inc	223 Clark St E	Eagle Bend	MN	56446	738995	Merchandise Brokers		
2012	Greene Builders	232 Clark St W	Eagle Bend	MN	56446	154213	Building Contractors	152103	General Contractors
2012	Harren, Greg	38502 157th Ave	Eagle Bend	MN	56446	019101	Farms		
2012	Jack H Becker Construction Co	737 3rd Ave NW	Eagle Bend	MN	56446	161115	Road Maintenance		
2012	Klein Insurance & Financial	206 Central Ave S	Eagle Bend	MN	56446	641112	Insurance		
2012	LA Shabby Chic Boutique	37485 155th Ave	Eagle Bend	MN	56446	562105	Boutique Items-Retail		
2012	Stone House	15543 390th St	Eagle Bend	MN	56446	174101	Masonry Contractors	174301	Tile-Ceramic-Contractors & Dealers
2007	Country Basket	330 Abbott St W	Eagle Bend	MN	56446	594712	Gift Shops	519307	Flowers/Plants-Preserved Silk Dried-Whls
2007	Eagle Bend Floral & Gifts	37161 County 22	Eagle Bend	MN	56446	599201	Florists-Retail	594712	Gift Shops
2007	Eagle Valley Glass	127 3rd Ave NE	Eagle Bend	MN	56446	523110	Glass-Auto Plate & Window & Etc	521107	Windows
2007	Ehnes Farms	14339 390th St	Eagle Bend	MN	56446	019101	Farms		
2007	Geno's Brokerage Inc	223 Clark St E	Eagle Bend	MN	56446	738995	Merchandise Brokers		
2007	Klein Insurance & Financial	206 Central Ave S	Eagle Bend	MN	56446	641112	Insurance		
2007	Stone House	15543 390th St	Eagle Bend	MN	56446	174101	Masonry Contractors	174301	Tile-Ceramic-Contractors & Dealers
2007	Tim Greene Builders	235 North St W	Eagle Bend	MN	56446	154213	Building Contractors		
2002	Eagle Bend Floral & Gifts	37161 County 22	Eagle Bend	MN	56446	594712	Gift Shops		
2002	Eagle Valley Bus Svc	436 Clark St W	Eagle Bend	MN	56446	413101	Bus Lines		
2002	Eagle Valley Glass	Po Box 55	Eagle Bend	MN	56446	523110	Glass-Auto Plate & Window & Etc	521107	Windows
2002	Ehnes Farms	14339 390th St	Eagle Bend	MN	56446	019101	Farms		
2002	Klein Insurance Inc	Po Box 307	Eagle Bend	MN	56446	641112	Insurance		
2002	Stone House	15543 390th St	Eagle Bend	MN	56446	174301	Tile-Ceramic-Contractors & Dealers	571932	Fireplaces
2002	Tim Greene Builders	Po Box 36	Eagle Bend	MN	56446	154213	Building Contractors		
1997	Eagle Bend Floral & Gifts	104 Main St E	Eagle Bend	MN	56446	594712	Gift Shops		
1997	Greene Builders	206 W Clark	Eagle Bend	MN	56446	154213	Building Contractors		
1997	Klein Insurance Inc	206 Central Ave S	Eagle Bend	MN	56446	641112	Insurance		
1997	Stone House	Rr 2 Box 200a	Eagle Bend	MN	56446	174101	Masonry Contractors		

Appendix D: Site Photographs

1



Bisecting road facing south from the northern end

2



East parcel, Subject Property from the northwest corner

3



East parcel, north property boundary from the northwest corner

4



East parcel, north property boundary from the northeast corner

5



Subject Property from the northeast corner of the east parcel

6



East parcel, east property boundary from the northeast corner

7



East parcel, east property boundary from the southeast corner

8



East parcel Subject Property from the southeast corner

9



East parcel south property boundary from the southeast corner

10



Drainage ditch near southeast corner of east parcel

11



East parcel Subject Property from the southwest corner

12



Bisecting road from South facing North

13



West parcel, east property boundary from the southeast corner

14



West parcel, Subject Property from the southeast corner

15



West parcel, South property boundary from the southeast corner

16



West parcel, south property boundary from the southwest corner

17



West parcel, Subject Property from the southwest corner

18



Driveway to farmstead from southern property boundary, contains pole mounted transformer

19



Back side of the farmstead on the western parcel

20



Western parcel, middle property boundary from farmstead

21



West parcel, middle property boundary from the western southwest corner

22



West parcel, Subject Property from the western southwest corner

23



West parcel, west property boundary from the western southwest corner

24



West parcel, west property boundary from the northwest corner

25



West parcel, Subject Property from the northwest corner

26



West parcel, north property boundary from the northwest corner

27



West parcel, north property boundary from the northeast corner

28



West parcel, Subject Property from the northwest corner

29



West parcel, Solid waste along north property boundary, tires scrap metal rocks

30



Larger solid waste pile near northwest corner of west parcel, tires scrap metal construction debris old drum

31



Overview of solid waste along north boundary, west parcel

32



Burn pit at farmstead

33



West parcel, Solid waste in tractor trailer, consisting of scrap metal and old ast

34



Farmstead on west parcel

35



2 ASTs containing diesel, 500 gallons, steel, single wall, one in use one out of use

36



De minimis staining on active AST

37



East adjoining property from the southeast corner of the east parcel

38



South adjoining property from the southeast corner of the east parcel

39



East adjoining property from the northeast corner of the east parcel

40



North adjoining property from the northeast corner of the east parcel

41



North adjoining property from the bisecting road

42



West adjoining property from the northwest corner of the west parcel

43



North adjoining property from the northwest corner of the west parcel

44



South adjoining property from the southwest corner of the west parcel

45



West adjoining property from the southwest corner of the western parcel

46



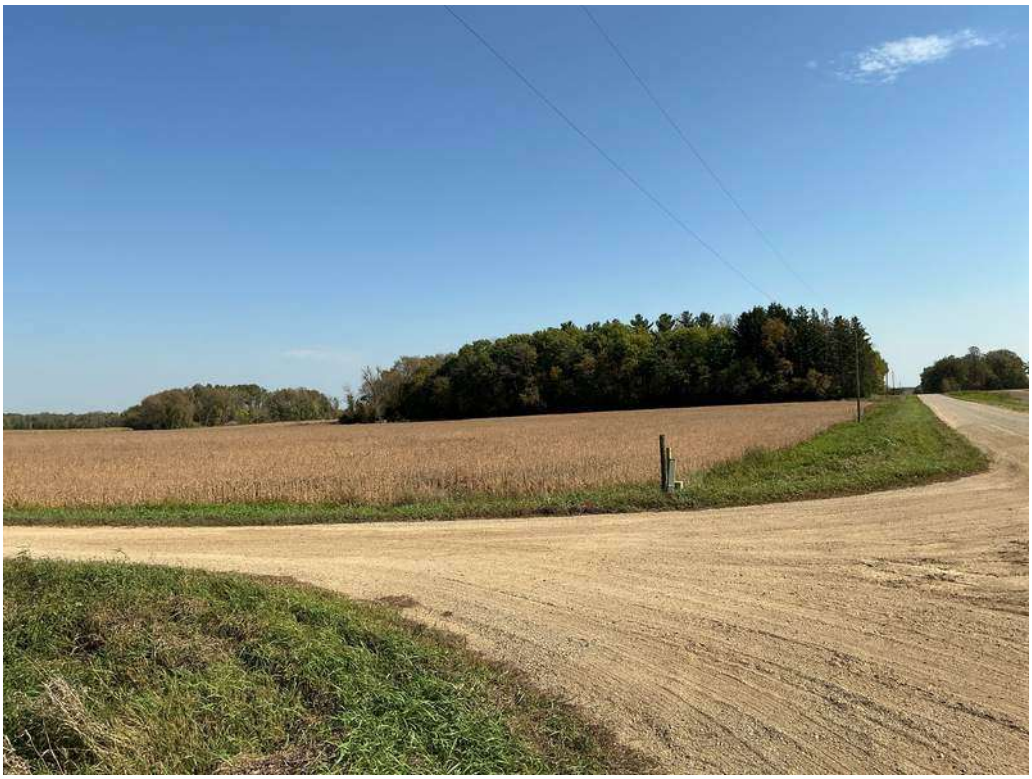
South adjoining property from the southern property boundary of the west parcel

47



West adjoining property from the southern boundary of the west parcel

48



East adjoining property from the southeast corner of the west parcel



South adjoining property from the southeast corner of the west parcel

Appendix E: Supporting Documents

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		25092300462p
Date Completed:		September 24, 2025
Project Number:		2093526
Project Property:		USS Eagle Bend Solar 15010 380th Street Eagle Bend MN
Coordinates:		
	Latitude:	46.18387209
	Longitude:	-95.05447248
	UTM Northing:	5116528.86231 Meters
	UTM Easting:	341446.572293 Meters
	UTM Zone:	UTM Zone 15T
	Elevation:	1,447.67 ft
	Slope Direction:	SE

Topographic Information....2
Hydrologic Information....12
Geologic Information....17
Soil Information....19
Wells and Additional Sources....28
Summary....33
Detail Report....35
Radon Information....65
Appendix....66
Liability Notice....68

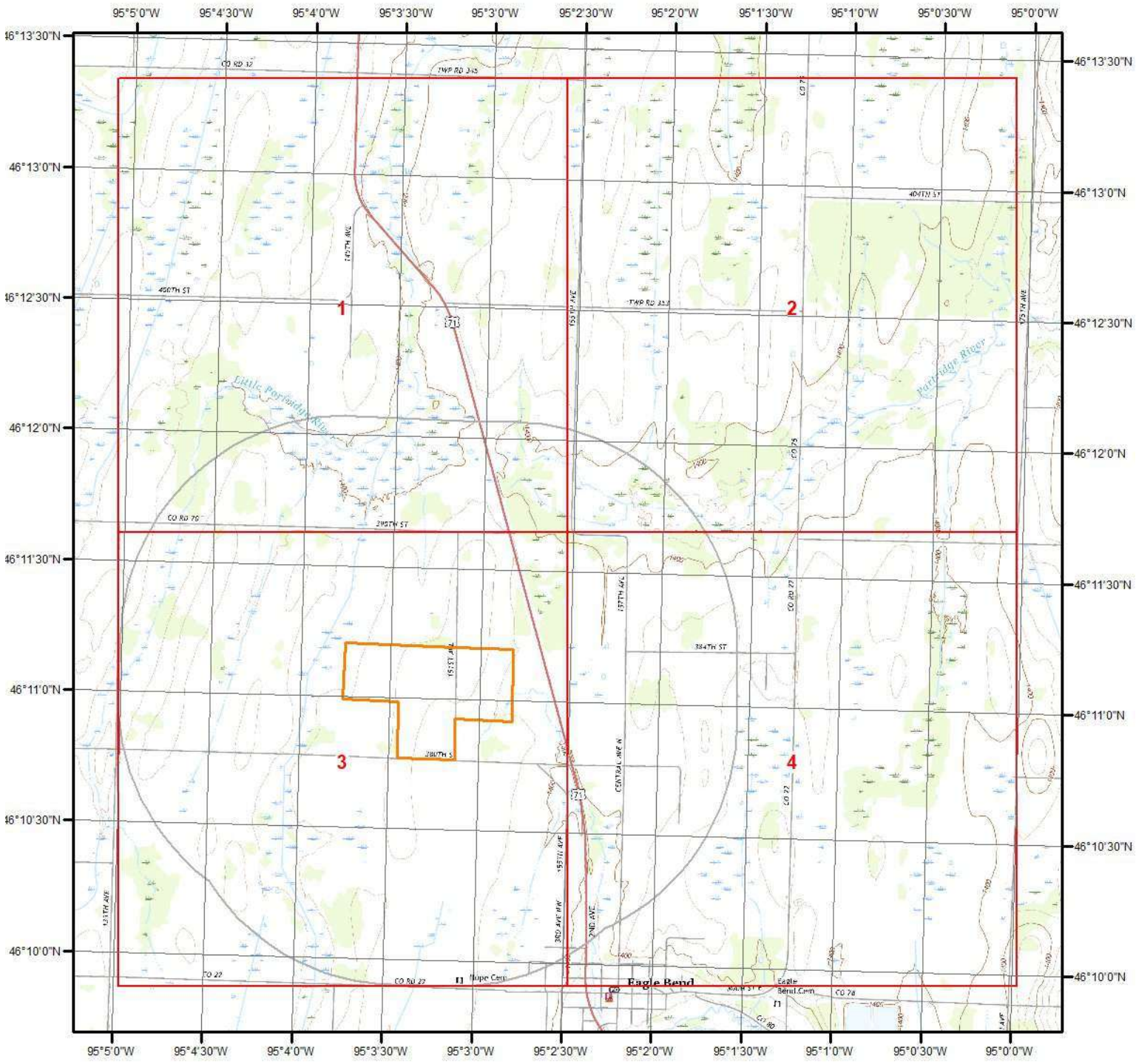
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2022)

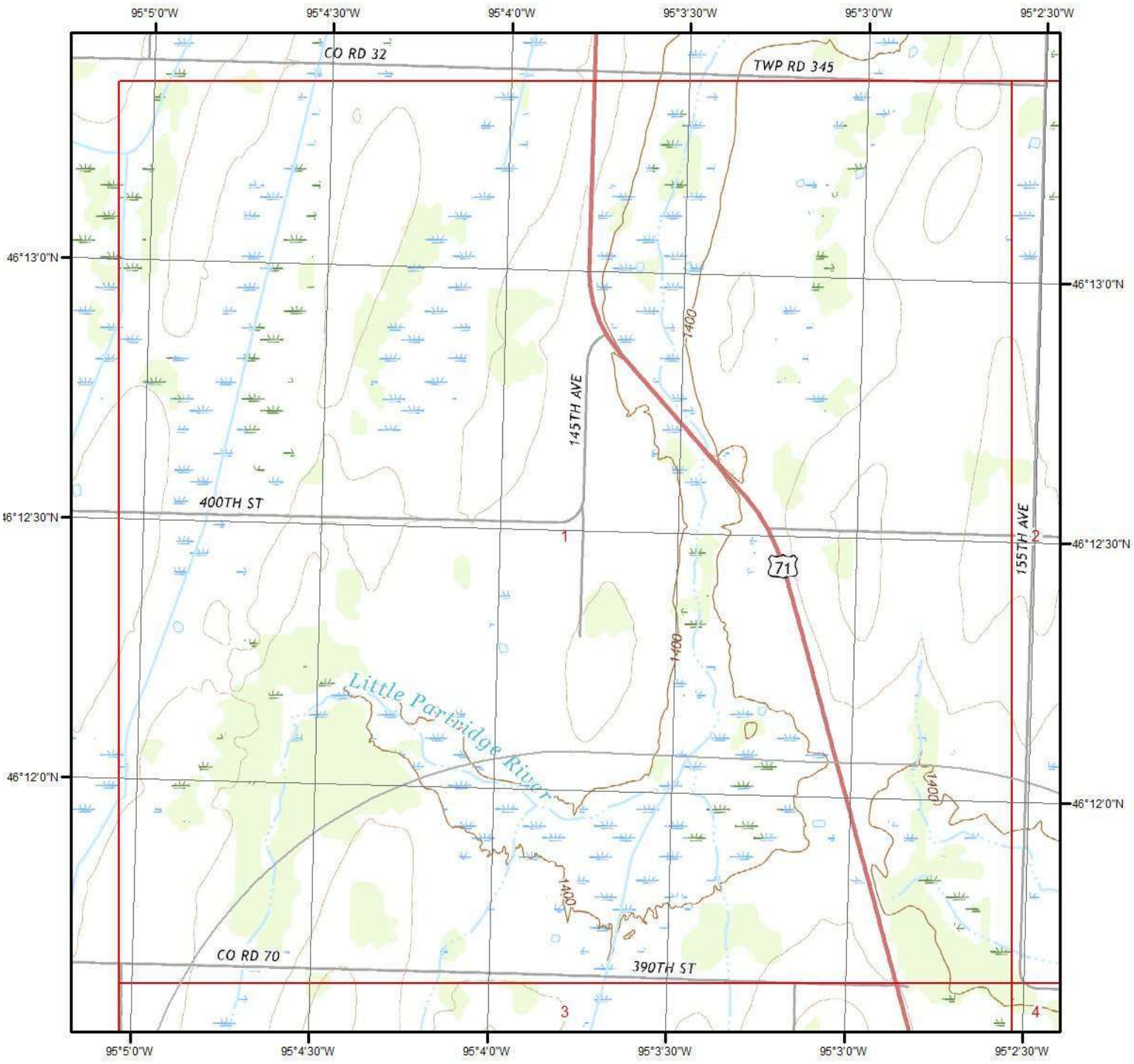
0 0.2 0.4 0.8 1.2 1.6 Miles

N

Quadrangle(s): Aldrich South,MN; Bertha,MN; Rose City,MN; Eagle Bend NW,MN; Clotho,MN; Clarissa,MN; Wrightstown,MN; Eagle Bend,MN

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 1

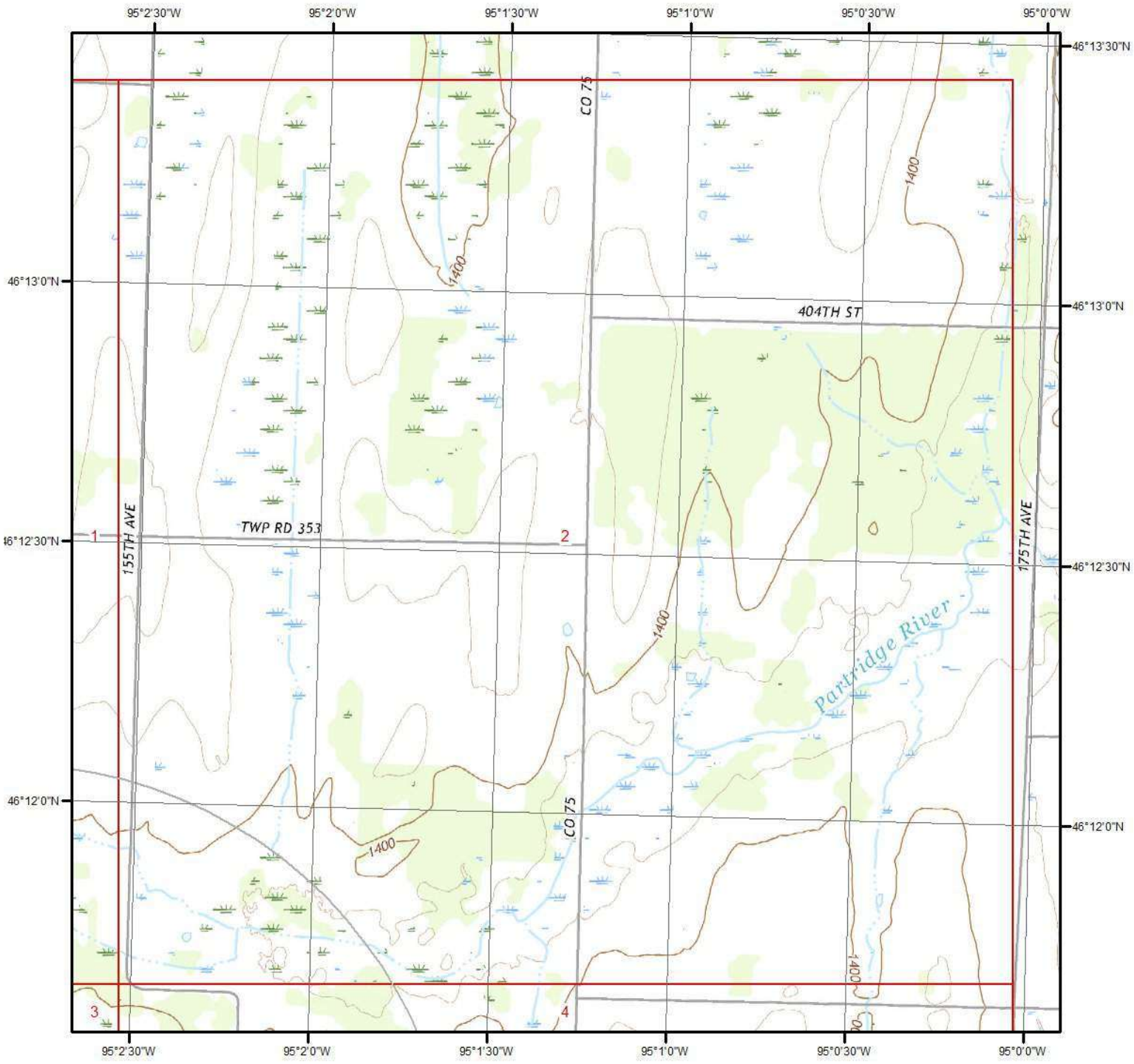
0 0.2 0.4 0.8 Miles

N

Quadrangle(s): Eagle Bend,MN

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 2

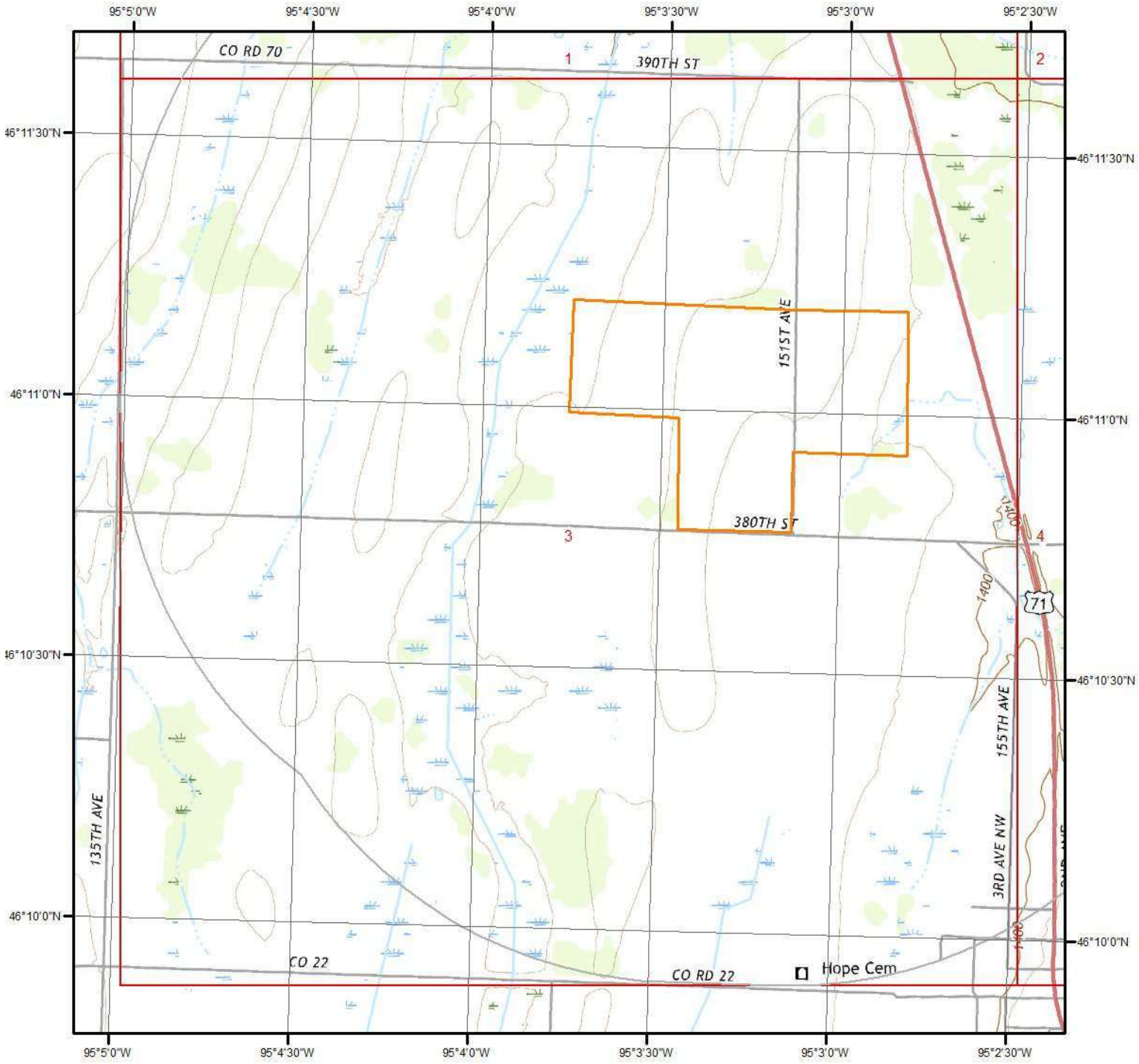
0 0.2 0.4 0.8 Miles

N

Quadrangle(s): Clarissa,MN; Eagle Bend,MN

Source: USGS 7.5 Minute Topographic Map

Topographic Information

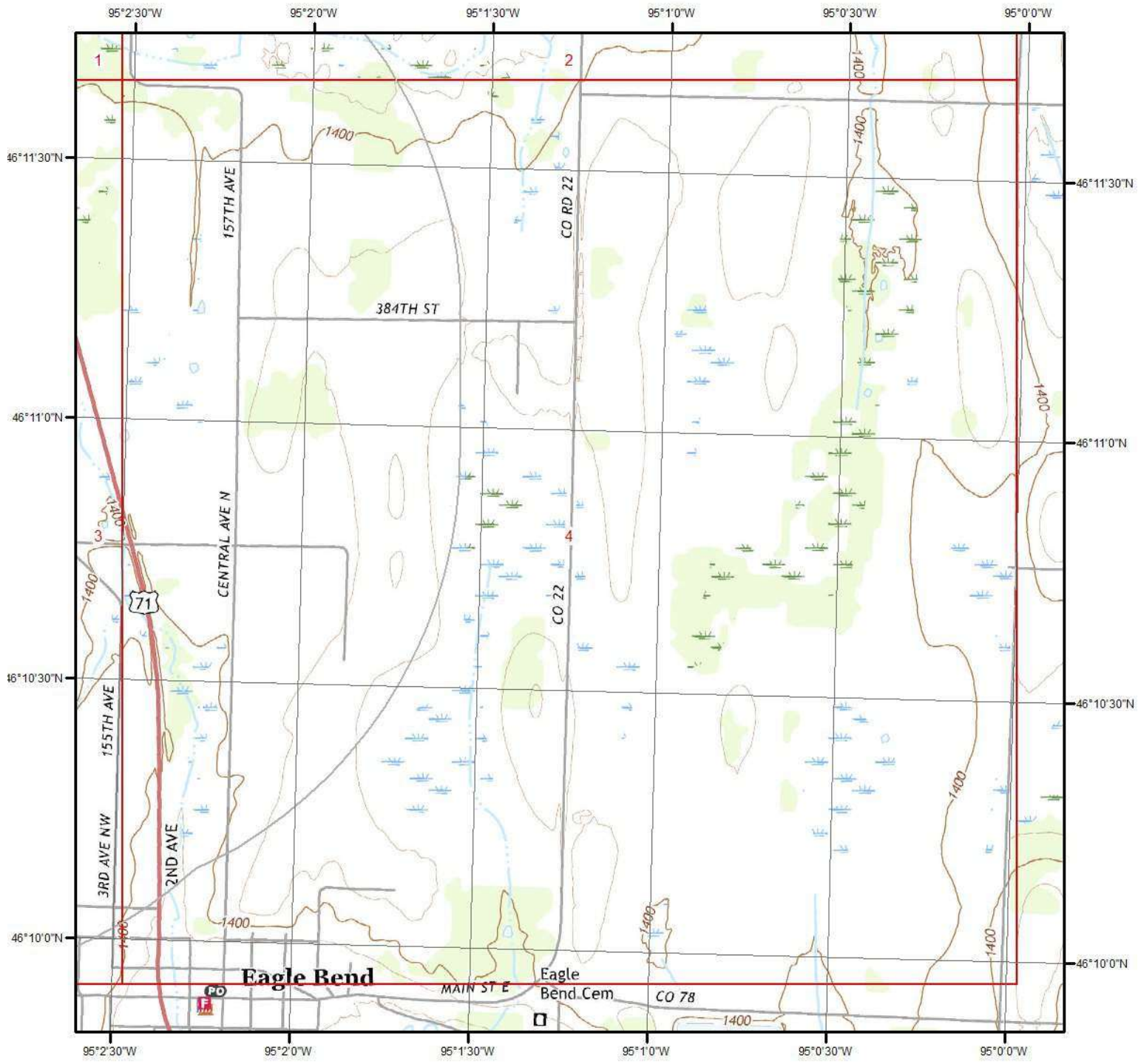


Current USGS Topo - Page 3

Quadrangle(s): Eagle Bend,MN

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 4

0 0.2 0.4 0.8 Miles

N

Quadrangle(s): Clarissa,MN; Eagle Bend,MN

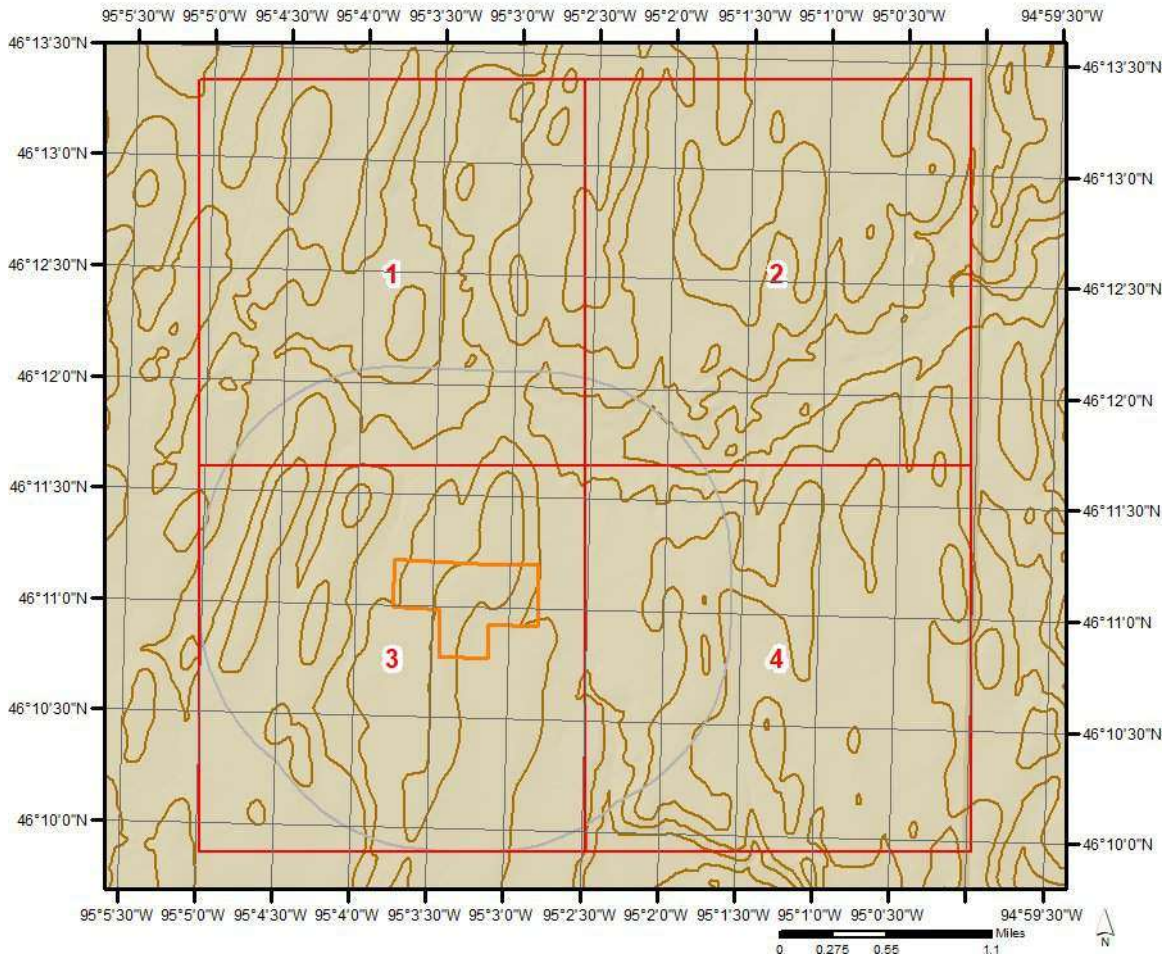
Source: USGS 7.5 Minute Topographic Map

Topographic Information

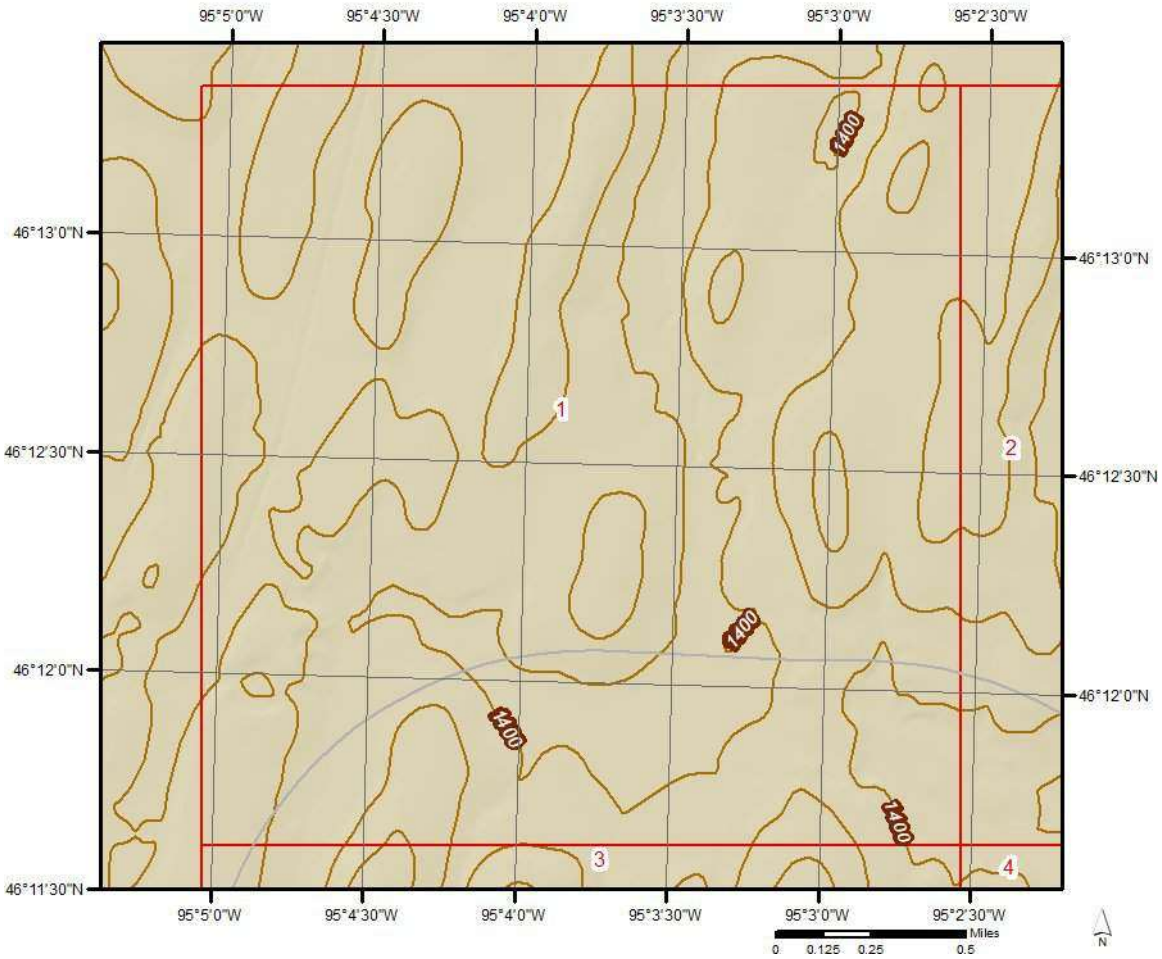
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

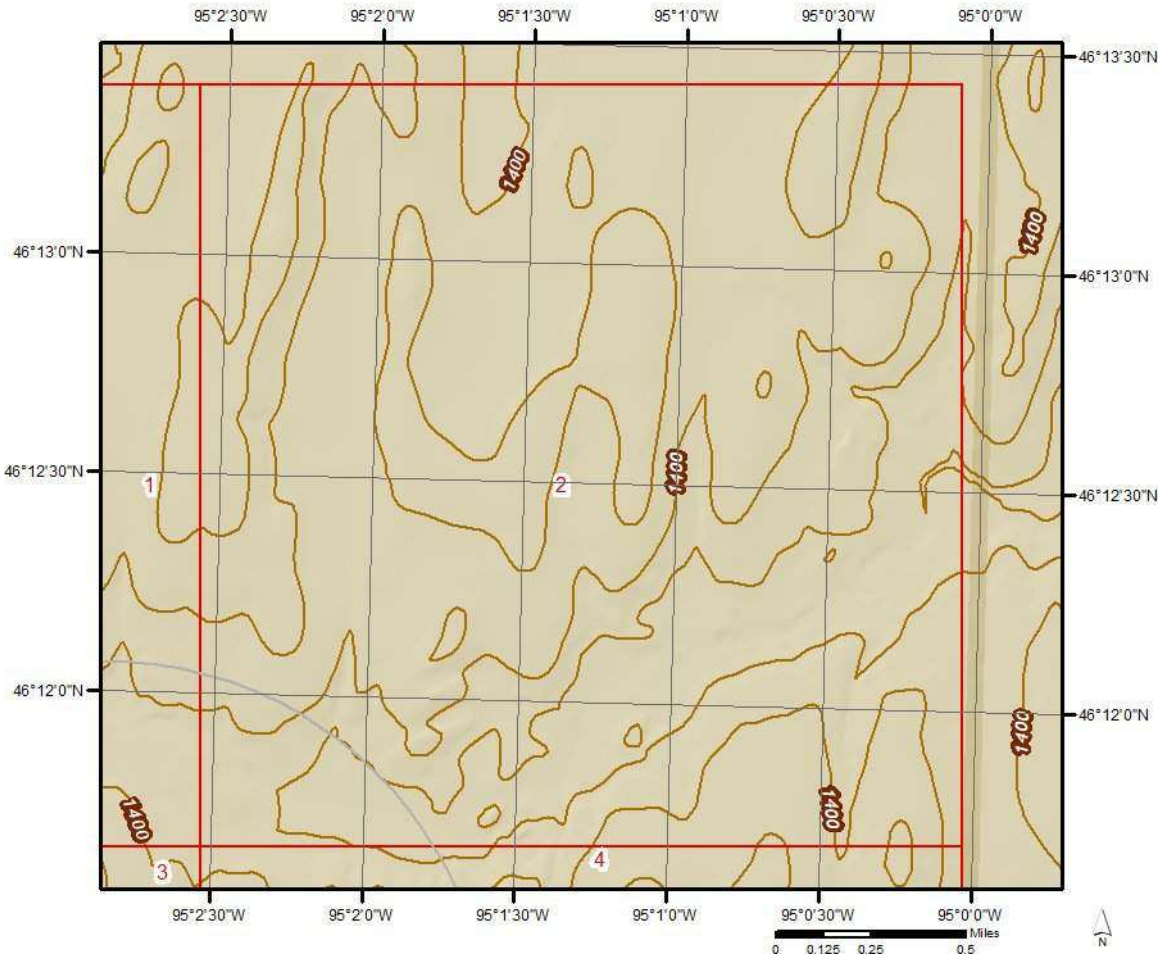
Elevation:	1,447.67 ft
Slope Direction:	SE



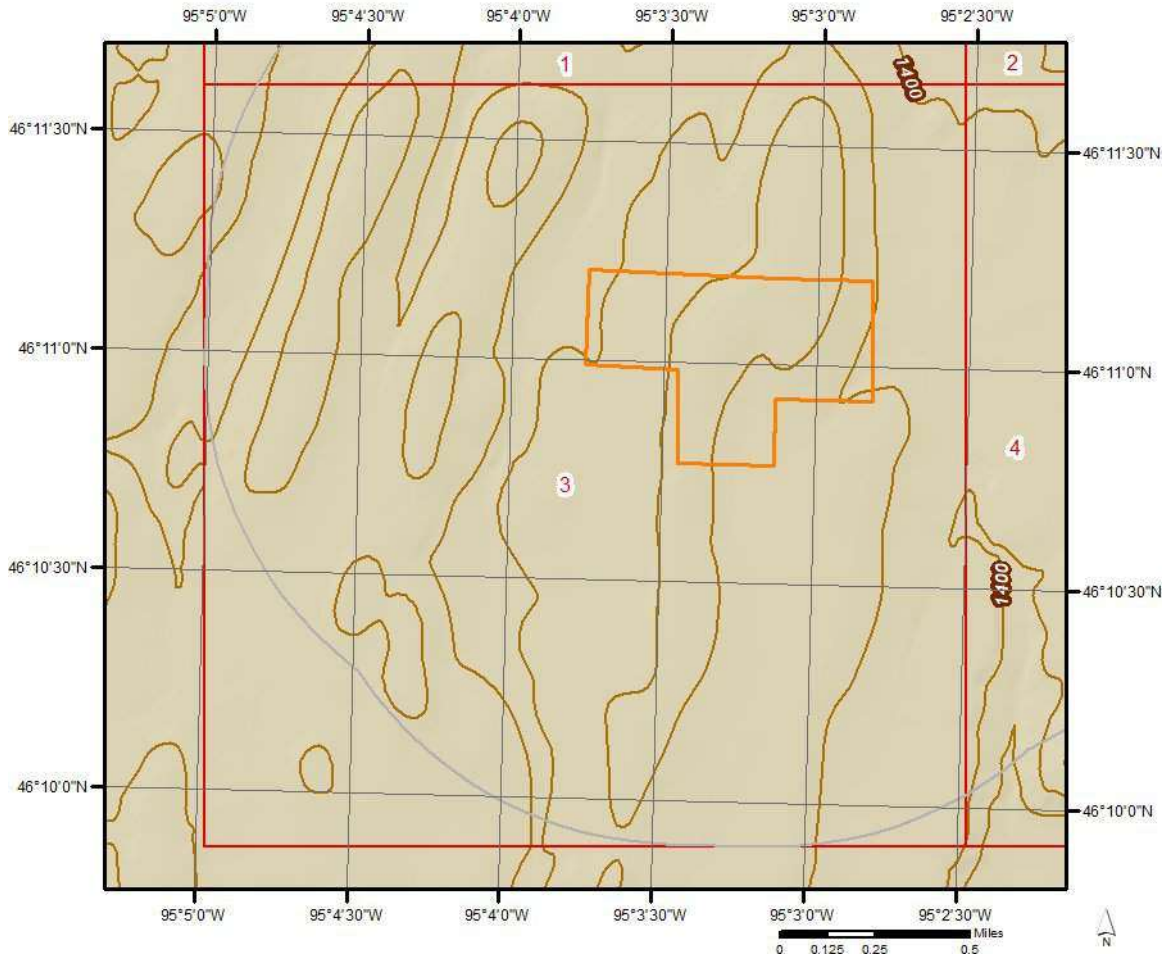
Topographic Information



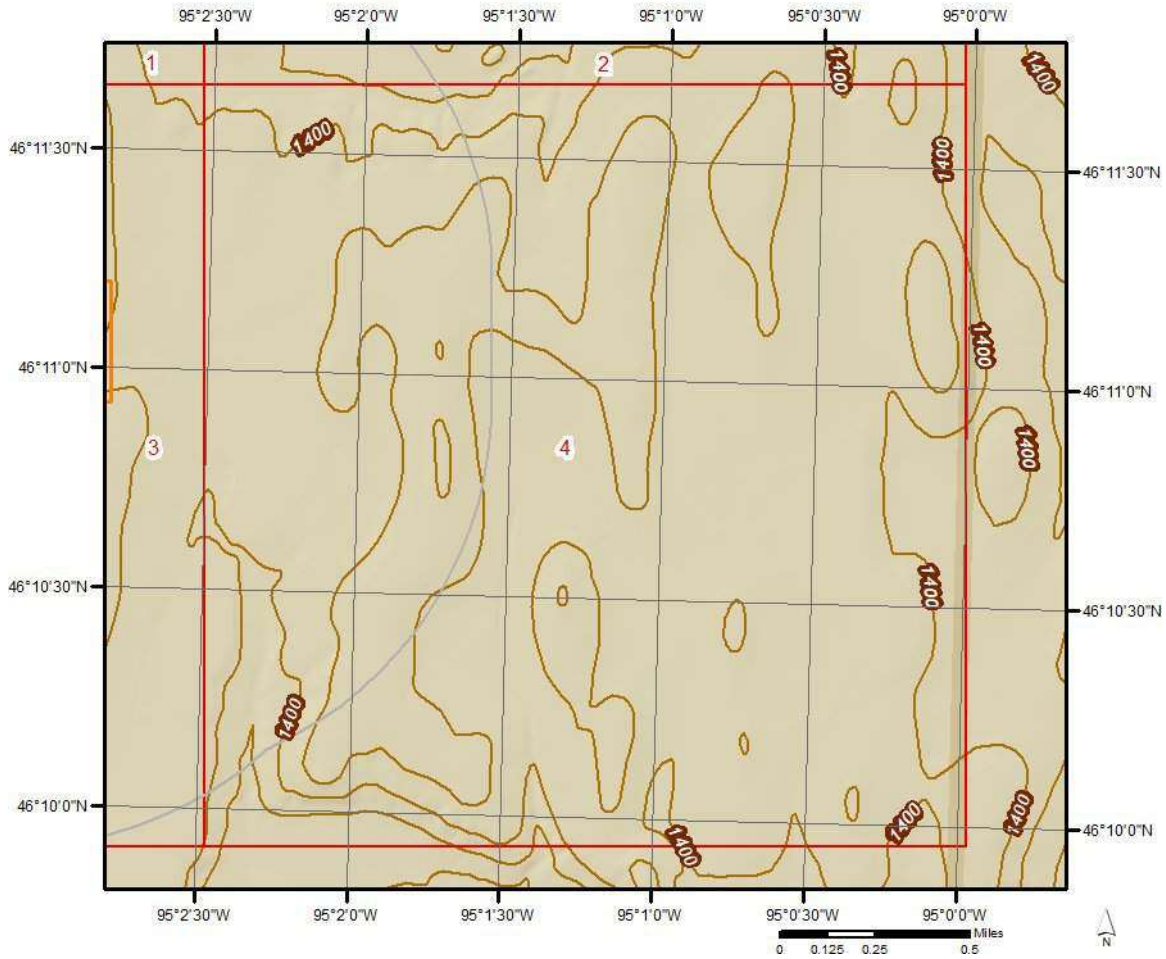
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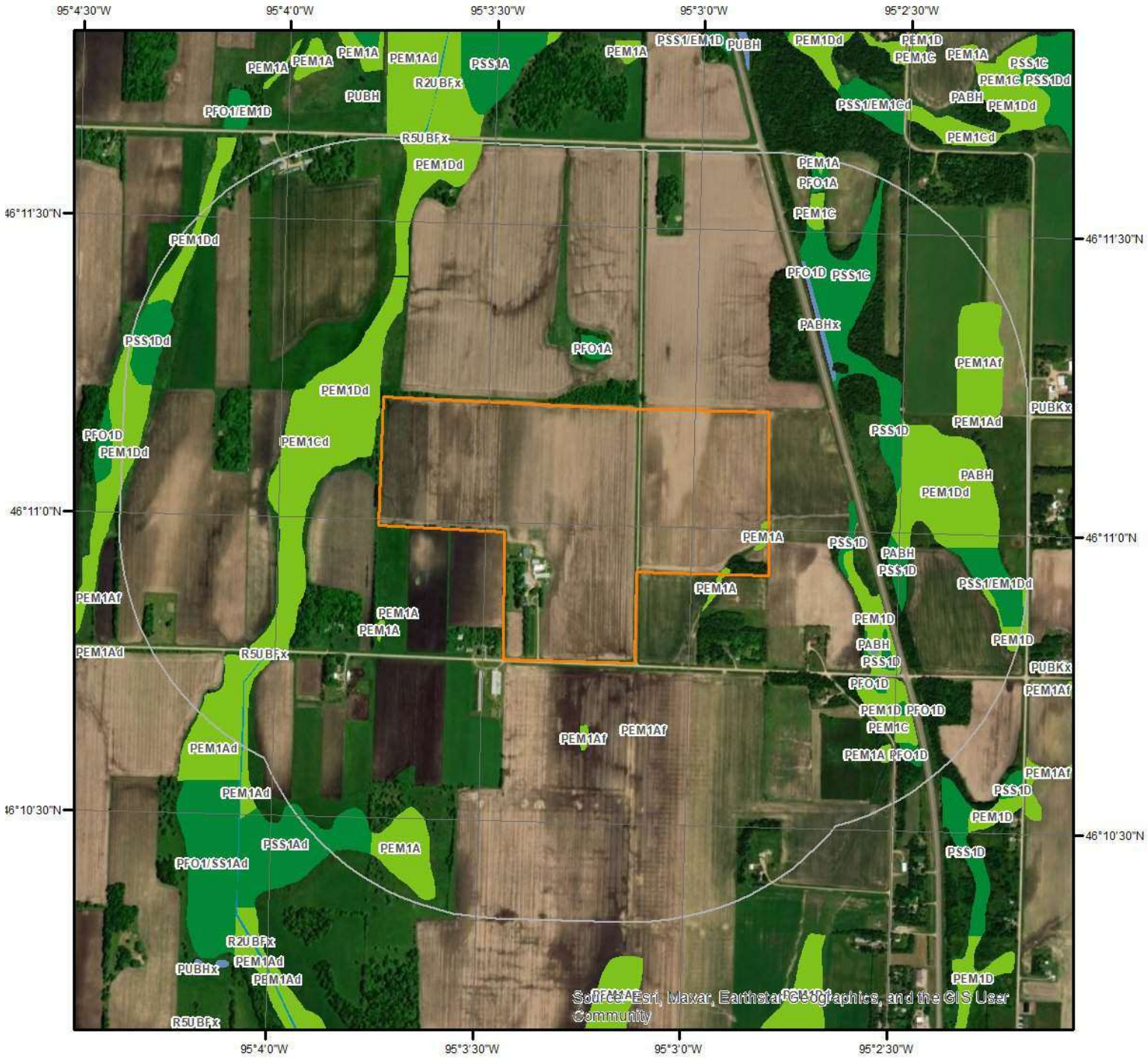
Topographic Information



Topographic Information



Hydrologic Information



Wetland

Miles
0 0.125 0.25 0.5

N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information



Flood Hazard Zones

This map shows FEMA flood hazard zones based on FEMA's National Flood Hazard Layer. FIRM Panels are overlayed. An absent FIRM panel represents no data available.

Miles
0 0.15 0.3

N

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard
- Area with Reduced Risk Due to Levee
- Area with Risk Due to Levee
- Open Water

Quadrangle(s): Aldrich South,MN; Bertha,MN; Rose City,MN; Eagle Bend

ERIS

Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.
For detailed Zone descriptions please click the link: https://floodadvocate.com/fema-zone-definitions

Available FIRM Panels in area:	27153C0175D(effective:2011-02-04) 27153C0170D(effective:2011-02-04)

Flood Zone X-12

Zone:	X
Zone subtype:	AREA OF MINIMAL FLOOD HAZARD

Hydrologic Information

FEMA Flood Zone Definitions

Special Flood Hazard Areas – High Risk

Special Flood Hazard Areas represent the area subject to inundation by 1-percent-annual chance flood. Structures located within the SFHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory flood insurance purchase requirements apply in these zones.

ZONE	DESCRIPTION
A	Areas subject to inundation by the 1-percent-annual-chance flood event. Because detailed hydraulic analyses have not been performed, no Base Flood Elevations (BFEs) or flood depths are shown.
AE, A1-A30	Areas subject to inundation by the 1-percent-annual-chance flood event determined by detailed methods. BFEs are shown within these zones. (Zone AE is used on new and revised maps in place of Zones A1–A30.)
AH	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually areas of ponding) where average depths are 1–3 feet. BFEs derived from detailed hydraulic analyses are shown in this zone.
AO	Areas subject to inundation by 1-percent-annual-chance shallow flooding (usually sheet flow on sloping terrain) where average depths are 1–3 feet. Average flood depths derived from detailed hydraulic analyses are shown within this zone.
AR	Areas that result from the decertification of a previously accredited flood protection system that is determined to be in the process of being restored to provide base flood protection.
A99	Areas subject to inundation by the 1-percent-annual-chance flood event, but which will ultimately be protected upon completion of an under-construction Federal flood protection system. These are areas of special flood hazard where enough progress has been made on the construction of a protection system, such as dikes, dams, and levees, to consider it complete for insurance rating purposes. Zone A99 may be used only when the flood protection system has reached specified statutory progress toward completion. No BFEs or flood depths are shown.

Coastal High Hazard Areas – High Risk

Coastal High Hazard Areas (CHHA) represent the area subject to inundation by 1-percent-annual chance flood, extending from offshore to the inland limit of a primary front al dune along an open coast and any other area subject to high velocity wave action from storms or seismic sources. Structures located within the CHHA have a 26-percent chance of flooding during the life of a standard 30-year mortgage. Federal floodplain management regulations and mandatory purchase requirements apply in these zones.

ZONE	DESCRIPTION
V	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards associated with storm-induced waves. Because detailed coastal analyses have not been performed, no BFEs or flood depths are shown.
VE, V1-V30	Areas along coasts subject to inundation by the 1-percent-annual-chance flood event with additional hazards due to storm-induced velocity wave action. BFEs derived from detailed hydraulic coastal analyses are shown within these zones. (Zone VE is used on new and revised maps in place of Zones V1–V30.)

Hydrologic Information

Moderate and Minimal Risk Areas

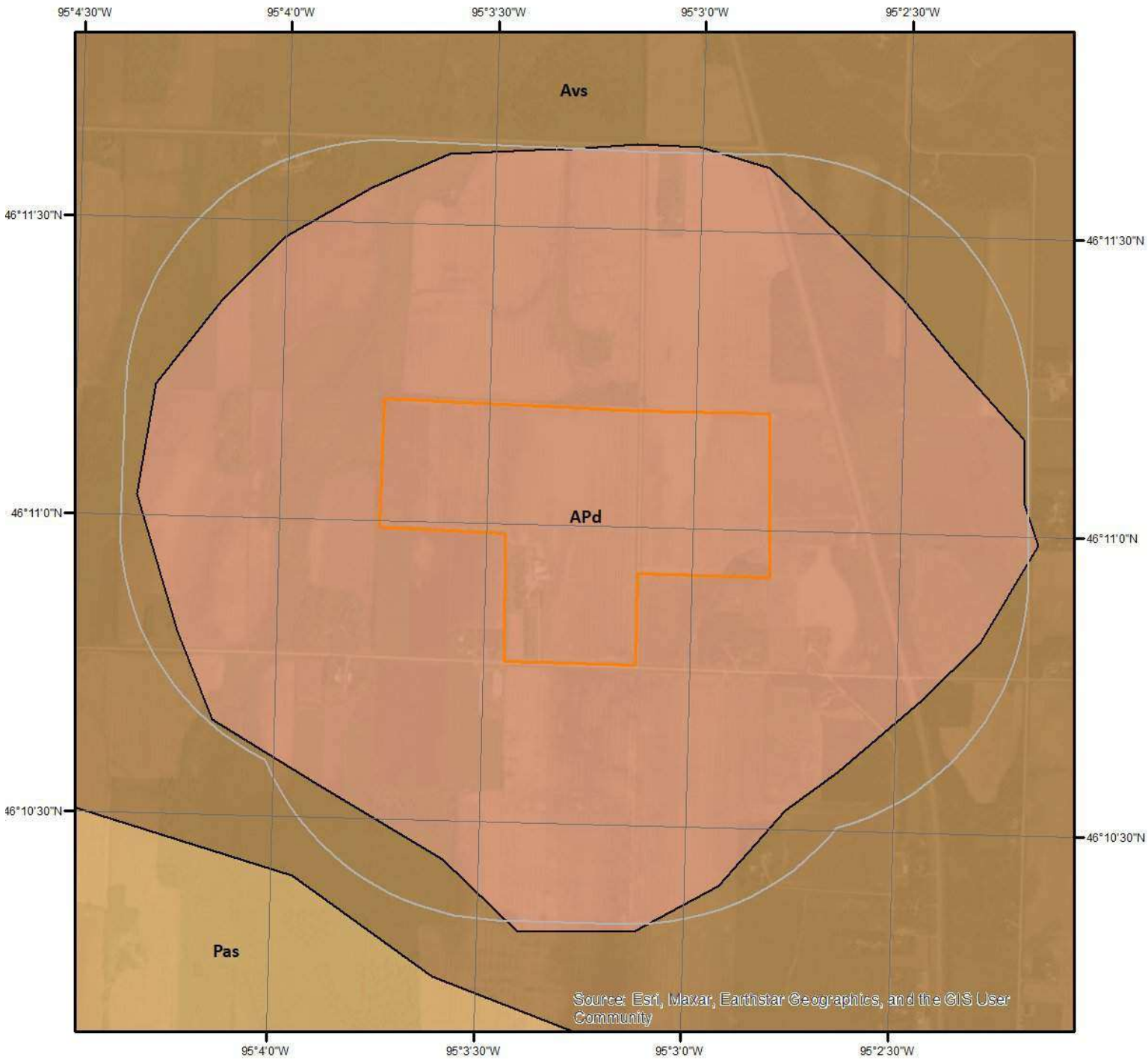
Areas of moderate or minimal hazard are studied based upon the principal source of flood in the area. However, buildings in these zones could be flooded by severe, concentrated rainfall coupled with inadequate local drainage systems. Local stormwater drainage systems are not normally considered in a community's flood insurance study. The failure of a local drainage system can create areas of high flood risk within these zones. Flood insurance is available in participating communities, but is not required by regulation in these zones. Nearly 25-percent of all flood claims filed are for structures located within these zones.

ZONE	DESCRIPTION
B, X (shaded)	Moderate risk areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by a levee. No BFEs or base flood depths are shown within these zones. (Zone X (shaded) is used on new and revised maps in place of Zone B.)
C, X (unshaded)	Minimal risk areas outside the 1-percent and .2-percent-annual-chance floodplains. No BFEs or base flood depths are shown within these zones. (Zone X (unshaded) is used on new and revised maps in place of Zone C.)

Undetermined Risk Areas

ZONE	DESCRIPTION
D	Unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

Geologic Information



Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

N

0 0.225 0.45 Miles

ERIS

Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

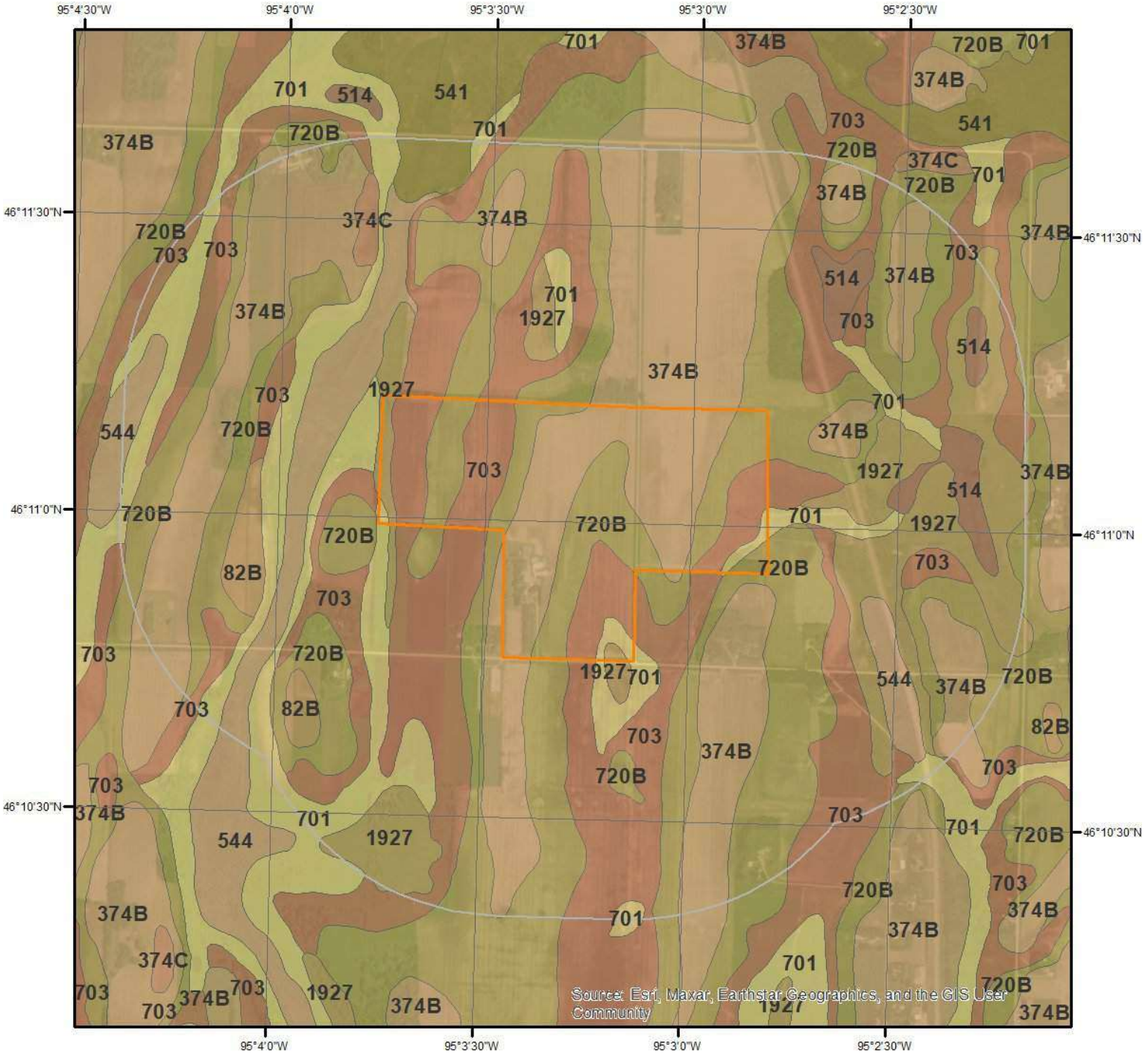
Geologic Unit APd

Unit Name:	Dioritic to granodioritic intrusion of uncertain age
Unit Age:	Archean or Paleoproterozoic
Primary Rock Type:	Dioritic
Secondary Rock Type:	Granodiorite
Unit Description:	Dioritic to granodioritic intrusion of uncertain age. Moderate gravity and magnetic expression.

Geologic Unit Avs

Unit Name:	Volcaniclastic rocks of felsic to intermediate composition
Unit Age:	Neoarchean
Primary Rock Type:	Felsic-volcanic
Secondary Rock Type:	
Unit Description:	Volcaniclastic rocks of felsic to intermediate composition.

Soil Information



SSURGO Soils

N

0 0.225 0.45 Miles

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit 1927 (3.2%)

Map Unit Name:	Clotho sandy loam
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	15cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Clotho(85%)

horizon A,Ag(0cm to 41cm)	Sandy loam
horizon Bg,Bw(41cm to 66cm)	Sandy loam
horizon C(66cm to 152cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 1927 - Clotho sandy loam

Component: Clotho (85%)
The Clotho component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on interdrumlins, flats on moraines. The parent material consists of Loamy glacial till. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during April, May. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 2w. This soil meets hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 18 percent.

Component: Wykeham (5%)
Generated brief soil descriptions are created for major components. The Wykeham soil is a minor component.

Component: Runeberg (5%)
Generated brief soil descriptions are created for major components. The Runeberg soil is a minor component.

Component: Paddock (5%)
Generated brief soil descriptions are created for major components. The Paddock soil is a minor component.

Map Unit 374B (12.2%)

Map Unit Name:	Rockwood soils, 2 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Rockwood(45%)

horizon A(0cm to 10cm)	Sandy loam
horizon E(10cm to 40cm)	Sandy loam
horizon B/E(40cm to 95cm)	Sandy loam
horizon Bt(95cm to 116cm)	Sandy loam

horizon Cd(116cm to 200cm)	Sandy loam
Rockwood(40%)	
horizon Ap(0cm to 20cm)	Sandy loam
horizon E(20cm to 40cm)	Sandy loam
horizon B/E(40cm to 95cm)	Sandy loam
horizon Bt(95cm to 116cm)	Sandy loam
horizon Cd(116cm to 200cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 374B - Rockwood soils, 2 to 6 percent slopes

Component: Rockwood (45%)
The Rockwood, stony component makes up 45 percent of the map unit. Slopes are 2 to 6 percent. This component is on drumlins on drumlin fields. The parent material consists of lodgment till. Depth to a root restrictive layer, densic material, is 28 to 48 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: Rockwood (40%)
The Rockwood component makes up 40 percent of the map unit. Slopes are 2 to 6 percent. This component is on drumlins on drumlin fields. The parent material consists of lodgment till. Depth to a root restrictive layer, densic material, is 28 to 48 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria.

Component: Paddock (5%)
Generated brief soil descriptions are created for major soil components. The Paddock soil is a minor component.

Component: Redeye (5%)
Generated brief soil descriptions are created for major soil components. The Redeye soil is a minor component.

Component: Blowers (5%)
Generated brief soil descriptions are created for major soil components. The Blowers soil is a minor component.

Map Unit 374C (0.12%)

Map Unit Name:	Rockwood soils, 6 to 12 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.
Major components are printed below	
Rockwood(45%)	
horizon A(0cm to 10cm)	Sandy loam
horizon E(10cm to 40cm)	Sandy loam
horizon B/E(40cm to 95cm)	Sandy loam
horizon Bt(95cm to 116cm)	Sandy loam
horizon Cd(116cm to 200cm)	Sandy loam
Rockwood(40%)	
horizon Ap(0cm to 20cm)	Sandy loam
horizon E(20cm to 40cm)	Sandy loam
horizon B/E(40cm to 95cm)	Sandy loam
horizon Bt(95cm to 116cm)	Sandy loam

horizon Cd(116cm to 200cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 374C - Rockwood soils, 6 to 12 percent slopes

Component: Rockwood (45%)
The Rockwood, stony component makes up 45 percent of the map unit. Slopes are 6 to 12 percent. This component is on drumlins on drumlin fields. The parent material consists of lodgment till. Depth to a root restrictive layer, densic material, is 28 to 48 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Component: Rockwood (40%)
The Rockwood component makes up 40 percent of the map unit. Slopes are 6 to 12 percent. This component is on drumlins on drumlin fields. The parent material consists of lodgment till. Depth to a root restrictive layer, densic material, is 28 to 48 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Component: Blowers (5%)
Generated brief soil descriptions are created for major soil components. The Blowers soil is a minor component.

Component: Paddock (5%)
Generated brief soil descriptions are created for major soil components. The Paddock soil is a minor component.

Component: Redeye (3%)
Generated brief soil descriptions are created for major soil components. The Redeye soil is a minor component.

Component: Becida (2%)
Generated brief soil descriptions are created for major soil components. The Becida soil is a minor component.

Map Unit 514 (0.61%)

Map Unit Name:	Tacoosh mucky peat
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Tacoosh(90%)

horizon Oe1(0cm to 23cm)	Mucky peat
horizon Oe2,Oe3(23cm to 76cm)	Mucky peat
horizon Cg(76cm to 152cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 514 - Tacoosh mucky peat

Component: Tacoosh (90%)
The Tacoosh component makes up 90 percent of the map unit. Slopes are 0 to 1 percent. This component is on depressions on moraines, depressions on interdrumlins. The parent material consists of Moderately decomposed herbaceous organic material over loamy glacial deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches is very high. Shrink-swell

potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, October, November, December. Organic matter content in the surface horizon is about 85 percent. Nonirrigated land capability classification is 6w. This soil meets hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 15 percent.

Component: Cathro (4%)
Generated brief soil descriptions are created for major components. The Cathro soil is a minor component.

Component: Markey (3%)
Generated brief soil descriptions are created for major components. The Markey soil is a minor component.

Component: Rifle (3%)
Generated brief soil descriptions are created for major components. The Rifle soil is a minor component.

Map Unit 541 (3.96%)

Map Unit Name:	Rifle-Rifle, ponded, complex, 0 to 1 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Rifle(50%)	
horizon Oe1(0cm to 107cm)	Mucky peat
horizon Oa(107cm to 132cm)	Muck
horizon Oe2(132cm to 200cm)	Mucky peat
Rifle(40%)	
horizon Oe1(0cm to 107cm)	Mucky peat
horizon Oa(107cm to 132cm)	Muck
horizon Oe2(132cm to 200cm)	Mucky peat

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 541 - Rifle-Rifle, ponded, complex, 0 to 1 percent slopes

Component: Rifle (50%)
The Rifle component makes up 50 percent of the map unit. Slopes are 0 to 1 percent. This component is on depressions on till plains, depressions on outwash plains, depressions on lake plains. The parent material consists of herbaceous organic material. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during March, April, May. Organic matter content in the surface horizon is about 85 percent. Nonirrigated land capability classification is 6w. This soil meets hydric criteria.

Component: Rifle (40%)
The Rifle, ponded component makes up 40 percent of the map unit. Slopes are 0 to 1 percent. This component is on depressions on till plains, depressions on outwash plains, depressions on lake plains. The parent material consists of herbaceous organic material. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 85 percent. Nonirrigated land capability classification is 8w. This soil meets hydric criteria.

Component: Tacoosh (6%)
Generated brief soil descriptions are created for major soil components. The Tacoosh, frequently ponded soil is a minor component.

Component: Dora (4%)
Generated brief soil descriptions are created for major soil components. The Dora, frequently ponded soil is a minor component.

Map Unit 544 (2.82%)

Map Unit Name:	Cathro muck, occasionally ponded, 0 to 1 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Cathro(85%)

horizon Oa(0cm to 66cm)	Muck
horizon Cg(66cm to 200cm)	Loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 544 - Cathro muck, occasionally ponded, 0 to 1 percent slopes

Component: Cathro (85%)
The Cathro, occasionally ponded component makes up 85 percent of the map unit. Slopes are 0 to 1 percent. This component is on depressions on till plains. The parent material consists of herbaceous organic material over till. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is not flooded. It is occasionally ponded. A seasonal zone of water saturation is at 0 inches during April, May, June, October, November, December. Organic matter content in the surface horizon is about 65 percent. Nonirrigated land capability classification is 6w. This soil meets hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 15 percent.

Component: Cathro (10%)
Generated brief soil descriptions are created for major soil components. The Cathro, frequently ponded soil is a minor component.

Component: Seelyeville (5%)
Generated brief soil descriptions are created for major soil components. The Seelyeville soil is a minor component.

Map Unit 701 (7.99%)

Map Unit Name:	Runeberg sandy loam, depressional
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Runeberg(85%)

horizon A(0cm to 25cm)	Sandy loam
horizon Bg1,Bg2(25cm to 66cm)	Sandy loam
horizon Cg(66cm to 152cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 701 - Runeberg sandy loam, depressional

Component: Runeberg (85%)
The Runeberg component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on interdrumlins. The parent material consists of Loamy glacial till. Depth to a root restrictive layer is greater than 60 inches. The natural

drainage class is very poorly drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches is moderate. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during April. Organic matter content in the surface horizon is about 7 percent. Nonirrigated land capability classification is 6w. This soil meets hydric criteria.

Component: Paddock (6%)
Generated brief soil descriptions are created for major components. The Paddock soil is a minor component.

Component: Cathro (3%)
Generated brief soil descriptions are created for major components. The Cathro soil is a minor component.

Component: Seelyville (3%)
Generated brief soil descriptions are created for major components. The Seelyville soil is a minor component.

Component: Tacoosh (3%)
Generated brief soil descriptions are created for major components. The Tacoosh soil is a minor component.

Map Unit 703 (22.79%)

Map Unit Name:	Paddock-Becida, stony, complex, 0 to 3 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Somewhat poorly drained
Hydrologic Group - Dominant:	C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Paddock(40%)	
horizon Ap(0cm to 20cm)	Sandy loam
horizon E/B(20cm to 38cm)	Sandy loam
horizon Btg(38cm to 53cm)	Sandy loam
horizon Bt(53cm to 102cm)	Sandy loam
horizon Cd(102cm to 200cm)	Sandy loam
Becida(35%)	
horizon A(0cm to 20cm)	Loam
horizon Eg(20cm to 33cm)	Sandy loam
horizon E/B(33cm to 69cm)	Sandy loam
horizon Btg(69cm to 86cm)	Sandy loam
horizon Bt(86cm to 147cm)	Sandy loam
horizon BCd(147cm to 183cm)	Sandy loam
horizon Cd(183cm to 200cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 703 - Paddock-Becida, stony, complex, 0 to 3 percent slopes

Component: Paddock (40%)
The Paddock component makes up 40 percent of the map unit. Slopes are 0 to 3 percent. This component is on drumlins on drumlin fields. The parent material consists of lodgment till. Depth to a root restrictive layer, densic material, is 40 to 43 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during April, May. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Becida (35%)
Generated brief soil descriptions are created for major soil components. The Becida, stony soil is a minor component.

Component: Paddock (10%)
Generated brief soil descriptions are created for major soil components. The Paddock, stony soil is a minor component.

Soil Information

Component: Cathro (5%)
Generated brief soil descriptions are created for major soil components. The Cathro soil is a minor component.

Component: Runeberg (5%)
Generated brief soil descriptions are created for major soil components. The Runeberg soil is a minor component.

Component: Blowers (3%)
Generated brief soil descriptions are created for major soil components. The Blowers soil is a minor component.

Component: Staples (2%)
Generated brief soil descriptions are created for major soil components. The Staples soil is a minor component.

Map Unit 720B (45.9%)

Map Unit Name:	Blowers soils, 1 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	50cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C/D - These soils have moderately high runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Blowers(45%)	
horizon A(0cm to 8cm)	Sandy loam
horizon E/B(8cm to 48cm)	Sandy loam
horizon B/E(48cm to 67cm)	Sandy loam
horizon Bt(67cm to 90cm)	Sandy loam
horizon BC(90cm to 114cm)	Sandy loam
horizon Cd(114cm to 200cm)	Sandy loam
Blowers(40%)	
horizon Ap(0cm to 18cm)	Sandy loam
horizon E/B(18cm to 48cm)	Sandy loam
horizon B/E(48cm to 67cm)	Sandy loam
horizon Bt(67cm to 90cm)	Sandy loam
horizon BC(90cm to 114cm)	Sandy loam
horizon Cd(114cm to 200cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 720B - Blowers soils, 1 to 6 percent slopes

Component: Blowers (45%)
The Blowers, stony component makes up 45 percent of the map unit. Slopes are 1 to 6 percent. This component is on drumlins on drumlin fields. The parent material consists of lodgment till. Depth to a root restrictive layer, densic material, is 40 to 57 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 20 inches during April. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 8 percent.

Component: Blowers (40%)
The Blowers component makes up 40 percent of the map unit. Slopes are 1 to 6 percent. This component is on drumlins on drumlin fields. The parent material consists of lodgment till. Depth to a root restrictive layer, densic material, is 40 to 57 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 20 inches during April. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 8 percent.

Soil Information

Component: Rockwood (8%)
Generated brief soil descriptions are created for major soil components. The Rockwood soil is a minor component.

Component: Paddock (4%)
Generated brief soil descriptions are created for major soil components. The Paddock soil is a minor component.

Component: Becida (2%)
Generated brief soil descriptions are created for major soil components. The Becida soil is a minor component.

Component: Runeberg (1%)
Generated brief soil descriptions are created for major soil components. The Runeberg, frequently ponded soil is a minor component.

Map Unit 82B (0.42%)

Map Unit Name:	Redeye loamy sand, 2 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Redeye(90%)

horizon A(0cm to 8cm)	Loamy sand
horizon E(8cm to 56cm)	Loamy sand
horizon 2Bt1,2Bt2(56cm to 89cm)	Sandy loam
horizon 2Cd1,2Cd2(89cm to 152cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: 82B - Redeye loamy sand, 2 to 6 percent slopes

Component: Redeye (90%)
The Redeye component makes up 90 percent of the map unit. Slopes are 2 to 6 percent. This component is on hillslopes on moraines, hillslopes on drumlins. The parent material consists of sandy outwash over dense basal till. Depth to a root restrictive layer, densic material, is 35 to 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 10 percent.

Component: Blowers (2%)
Generated brief soil descriptions are created for major components. The Blowers soil is a minor component.

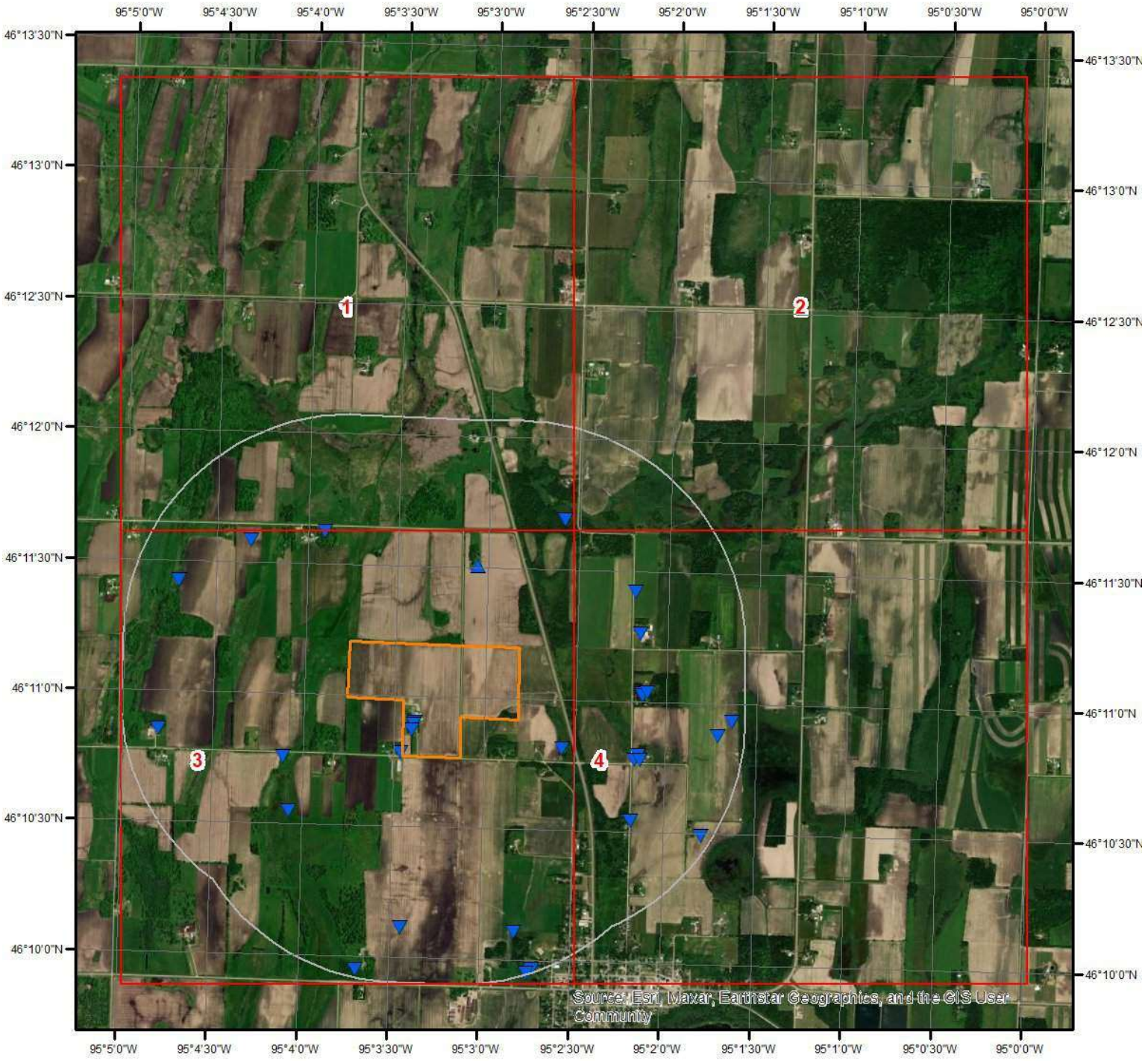
Component: Huntersville (2%)
Generated brief soil descriptions are created for major components. The Huntersville soil is a minor component.

Component: Staples (2%)
Generated brief soil descriptions are created for major components. The Staples soil is a minor component.

Component: Blomford (2%)
Generated brief soil descriptions are created for major components. The Blomford soil is a minor component.

Component: Runeberg (2%)
Generated brief soil descriptions are created for major components. The Runeberg soil is a minor component.

Wells and Additional Sources



Wells & Additional Sources

N

0 0.3 0.6 1.2 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 1

N

0 0.15 0.3 0.6 Miles

- ▲ Sites with Higher Elevation
- ■ Sites with Same Elevation
- ▼ Sites with Lower Elevation
- ○ Sites with Unknown Elevation
- ▲ OGW Sites with Higher Elevation
- ■ OGW Sites with Same Elevation
- ▼ OGW Sites with Lower Elevation
- ● OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 2

N

0 0.15 0.3 0.6 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 3

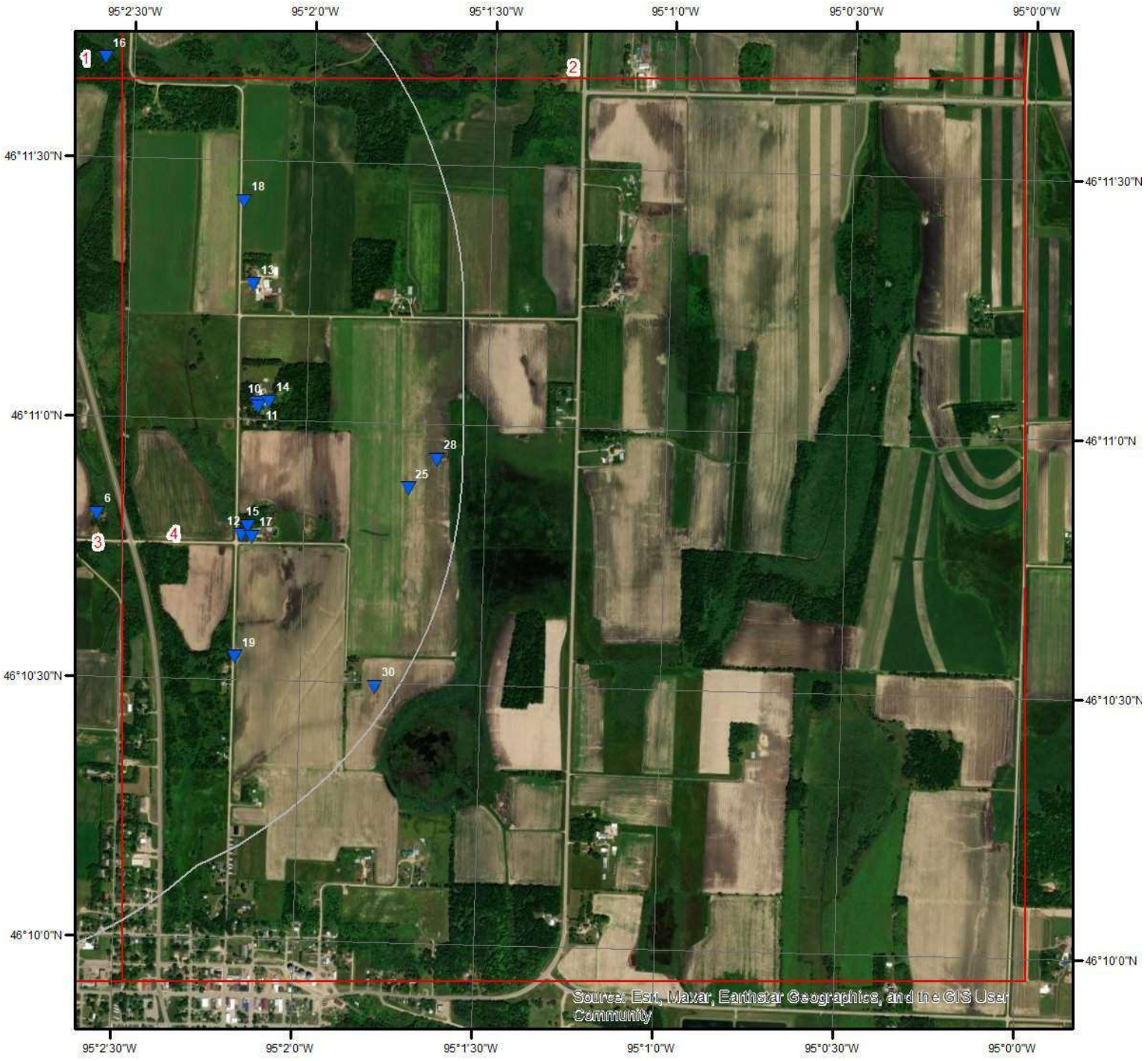
N

0 0.15 0.3 0.6 Miles

- ▲ Sites with Higher Elevation
- ■ Sites with Same Elevation
- ▼ Sites with Lower Elevation
- ○ Sites with Unknown Elevation
- ▲ OGW Sites with Higher Elevation
- ■ OGW Sites with Same Elevation
- ▼ OGW Sites with Lower Elevation
- ● OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 4

N

0 0.15 0.3 0.6 Miles

- ▲ Sites with Higher Elevation
- ■ Sites with Same Elevation
- ▼ Sites with Lower Elevation
- ○ Sites with Unknown Elevation
- ▲ OGW Sites with Higher Elevation
- ■ OGW Sites with Same Elevation
- ▼ OGW Sites with Lower Elevation
- ● OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	ID	Distance (ft)	Direction
	No records found		

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
	No records found		

USGS National Water Information System

Map Key	Site No	Distance (ft)	Direction
1	MN040-461054095032201	0.00	-
10	MN040-461102095020701	2877.33	E
28	MN040-461056095013701	4974.62	E
29	MN040-460957095024301	5269.84	SSE

State Sources

County Well Index

Map Key	Relate ID	Distance (ft)	Direction
2	0000221422	0.00	-
3	0000564255	0.00	-
4	0000188391	48.80	SSW
5	0000669526	1868.80	NNE
6	0000725862	1222.32	ESE
7	0000236128	2056.11	WSW
8	0000602774	2611.55	NW
9	1000013389	2949.10	SW
11	0000221421	2889.53	E
12	0000409868	2860.00	ESE
13	0000616073	2848.61	ENE
14	0000745979	3010.68	E
15	0000566786	2900.53	ESE
16	1000013590	3155.97	NE
17	0000409867	2978.91	ESE
18	1000013378	3003.59	ENE
19	1000013394	3533.30	SE
20	0000753294	3281.47	NW
21	1000013392	4017.59	S
21	1000013391	4017.59	S
22	1000013390	4260.40	SSE
23	1000013382	4212.65	WNW
24	0000760054	4467.31	W
25	1000013381	4658.70	E
26	0000753838	5097.01	SSW
27	0000166287	5221.13	SSE
30	0000800812	5051.00	ESE

Wells and Additional Sources Summary

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	-	0.00	0.00	1,446.26	FED USGS

Site No:	MN040-461054095032201
Site Type:	Well
Formation Type:	Glacial Buried Sand and/or Gravel
Date Drilled:	193309
Well Depth:	151
Well Depth Unit:	ft
Well Hole Depth:	151
Well Hole Depth Unit:	ft
Reporting Agency:	USGS Minnesota Water Science Center
Station Name:	131N35W02CDBCDB01 0000221422
Latitude:	46.18162980000000
Longitude:	-95.0564162000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	E	0.54	2,877.33	1,419.40	FED USGS

Site No:	MN040-461102095020701
Site Type:	Well
Formation Type:	
Date Drilled:	19650924
Well Depth:	267
Well Depth Unit:	ft
Well Hole Depth:	267
Well Hole Depth Unit:	ft
Reporting Agency:	USGS Minnesota Water Science Center
Station Name:	131N35W01CACCAB01 0000221421
Latitude:	46.18385210000000
Longitude:	-95.0355823000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	E	0.94	4,974.62	1,421.31	FED USGS

Site No:	MN040-461056095013701
Site Type:	Well
Formation Type:	
Date Drilled:	19840607
Well Depth:	141
Well Depth Unit:	ft
Well Hole Depth:	222

Well Hole Depth Unit: ft
Reporting Agency: USGS Minnesota Water Science Center
Station Name: 131N35W01DCA 01 0000409868
Latitude: 46.18218547000000
Longitude: -95.0272487000000

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	SSE	1.00	5,269.84	1,409.82	FED USGS

Site No: MN040-460957095024301
Site Type: Well
Formation Type:
Date Drilled: 19800721
Well Depth: 255
Well Depth Unit: ft
Well Hole Depth: 255
Well Hole Depth Unit: ft
Reporting Agency: USGS Minnesota Water Science Center
Station Name: 131N35W11DDC 01 0000166287
Latitude: 46.16579658000000
Longitude: -95.0455827000000

County Well Index

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	-	0.00	0.00	1,445.90	WATER WELLS

Well ID:	221422	Point Y:	46.1814971855955
Relate ID:	0000221422	Point X:	-95.0564775267347
Unique No:	00221422	UTME:	341285
Status Code:	A	UTMN:	5116269
Well Status:	Active	Township:	131
Use Code:	DO	Range :	35
Use:	domestic	Range Dir:	W
Well Name:	BERGSTROM, CARL	Section:	2
Well Label:	221422	Subsection:	CDBCDB
Depth Drll:	152.0	MGS Quad Code:	197A
Depth Comp:	151.0	MGS Quadrangle:	Eagle Bend
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	1446.0	Loc Mc:	6
Elev Mc:	T	Loc Src:	MGS
Last Strat:	QFUU	Data Src:	USGS
OH Top Unit:	QFUU	Input Src:	MGS
OH Bot Unit:	QFUU	Strat Date:	02/19/1997
Aquifer Code:	QBAA	Strat Update:	02/19/1997
Aquifer Name:	Quat. Buried Artes. Aquifer	Strat Src Code:	MGS

Wells and Additional Sources Detail Report

Date Drll:	00/00/1933	Strat Source:	Minnesota Geological Survey
Case Diam:	4.5	Strat Geol:	EB
Case Depth:	151.0	Strat Mc:	Q
Grout:		Strat Method:	Geologic study 1:24k to 1:100k
Pollut DST:	0	SWL Count:	1.0
Pollut Dir:		SWL Date:	19330000.0
Pollut Type:		SWL Avg Meas:	35.0
Pollution Type:		SWL Avg Elev:	1411.0
Cuttings:		OB Well:	
Core:		SWL:	Yes
BH Geophys:		DH Video:	
Geo Chem:		Unused:	
Water Chem:		Entry Date:	04/17/1988
Gcm Code:	A	Updt Date:	02/14/2014
Geoc Src:	MGS	Geoc Type:	WW
Geoc Prg:	CWI	Geographic Type:	Water well
Geoc Entry:	0.0	Bdrkelev:	0.0
Geoc Date:	19900101	Botholelev:	1294.0
Geocupd En:	0.0	Ohtopelev:	1295.0
Geocupd Da:	0	Ohbotelev:	1295.0
Rcvd Date:	0		
Log URL:	https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000221422		
Strat URL:	https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000221422		
Source:	County Well Index (CWI) Database - located and digitized water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	-	0.00	0.00	1,445.09	WATER WELLS

Well ID:	564255	Point Y:	46.1811791242385
Relate ID:	0000564255	Point X:	-95.0566470639911
Unique No:	00564255	UTME:	341271
Status Code:	A	UTMN:	5116234
Well Status:	Active	Township:	131
Use Code:	DO	Range :	35
Use:	domestic	Range Dir:	W
Well Name:	GREENWALDT, RANDY	Section:	2
Well Label:	564255	Subsection:	CDCBBA
Depth Drll:	155.0	MGS Quad Code:	197A
Depth Comp:	155.0	MGS Quadrangle:	Eagle Bend
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	1445.0	Loc Mc:	5
Elev Mc:	T	Loc Src:	MGS
Last Strat:	QFUG	Data Src:	21535
OH Top Unit:	QFUG	Input Src:	MGS
OH Bot Unit:	QFUG	Strat Date:	03/04/1997

Wells and Additional Sources Detail Report

Aquifer Code:	QBAA	Strat Update:	03/04/1997
Aquifer Name:	Quat. Buried Artes. Aquifer	Strat Src Code:	MGS
Date Drll:	04/20/1995	Strat Source:	Minnesota Geological Survey
Case Diam:	4.0	Strat Geol:	EB
Case Depth:	151.0	Strat Mc:	Q
Grout:	Y	Strat Method:	Geologic study 1:24k to 1:100k
Pollut DST:	100	SWL Count:	1.0
Pollut Dir:	S	SWL Date:	19950420.0
Pollut Type:	SDF	SWL Avg Meas:	76.0
Pollution Type:	Septic tank/drain field	SWL Avg Elev:	1369.0
Cuttings:		OB Well:	
Core:		SWL:	Yes
BH Geophys:		DH Video:	
Geo Chem:		Unused:	
Water Chem:		Entry Date:	07/06/1995
Gcm Code:	A	Updt Date:	02/14/2014
Geoc Src:	MGS	Geoc Type:	WW
Geoc Prg:	CWI	Geographic Type:	Water well
Geoc Entry:	0.0	Bdrkelev:	0.0
Geoc Date:	19961024	Botholelev:	1290.0
Geocupd En:	0.0	Ohtopelev:	1294.0
Geocupd Da:	0	Ohbotelev:	1290.0
Rcvd Date:	0		
Log URL:	https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000564255		
Strat URL:	https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000564255		
Source:	County Well Index (CWI) Database - located and digitized water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	SSW	0.01	48.80	1,444.29	WATER WELLS

Well ID:	188391	Point Y:	46.179666731233
Relate ID:	0000188391	Point X:	-95.0576660681829
Unique No:	00188391	UTME:	341188
Status Code:	A	UTMN:	5116068
Well Status:	Active	Township:	131
Use Code:	DO	Range :	35
Use:	domestic	Range Dir:	W
Well Name:	WARD, RICHARD	Section:	2
Well Label:	188391	Subsection:	CCDDDA
Depth Drll:	205.0	MGS Quad Code:	197A
Depth Comp:	88.0	MGS Quadrangle:	Eagle Bend
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	1444.0	Loc Mc:	2
Elev Mc:	T	Loc Src:	MGS
Last Strat:	QCUG	Data Src:	56467

Wells and Additional Sources Detail Report

OH Top Unit:	QFUY	Input Src:	MGS
OH Bot Unit:	QCUG	Strat Date:	02/09/1997
Aquifer Code:	QBAA	Strat Update:	12/12/2003
Aquifer Name:	Quat. Buried Artes. Aquifer	Strat Src Code:	MGS
Date Drll:	07/12/1990	Strat Source:	Minnesota Geological Survey
Case Diam:	4.0	Strat Geol:	EB
Case Depth:	79.0	Strat Mc:	Q
Grout:	Y	Strat Method:	Geologic study 1:24k to 1:100k
Pollut DST:	150	SWL Count:	1.0
Pollut Dir:	NW	SWL Date:	19900712.0
Pollut Type:	SDF	SWL Avg Meas:	21.0
Pollution Type:	Septic tank/drain field	SWL Avg Elev:	1423.0
Cuttings:		OB Well:	
Core:		SWL:	Yes
BH Geophys:		DH Video:	
Geo Chem:		Unused:	N
Water Chem:		Entry Date:	08/13/1991
Gcm Code:	A	Updt Date:	02/14/2014
Geoc Src:	MGS	Geoc Type:	WW
Geoc Prg:	CWI	Geographic Type:	Water well
Geoc Entry:	0.0	Bdrkelev:	0.0
Geoc Date:	19961024	Botholelev:	1239.0
Geocupd En:	0.0	Ohtopelev:	1365.0
Geocupd Da:	0	Ohbotelev:	1356.0
Rcvd Date:	0		
Log URL:	https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000188391		
Strat URL:	https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000188391		
Source:	County Well Index (CWI) Database - located and digitized water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	NNE	0.35	1,868.80	1,452.64	WATER WELLS

Well ID:	669526	Point Y:	46.1917431794645
Relate ID:	0000669526	Point X:	-95.0509281834571
Unique No:	00669526	UTME:	341743
Status Code:	A	UTMN:	5117396
Well Status:	Active	Township:	131
Use Code:	DO	Range :	35
Use:	domestic	Range Dir:	W
Well Name:	KRAMER, BRAD	Section:	2
Well Label:	669526	Subsection:	ABCBAD
Depth Drll:	173.0	MGS Quad Code:	197A
Depth Comp:	173.0	MGS Quadrangle:	Eagle Bend
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	1452.0	Loc Mc:	1

Wells and Additional Sources Detail Report

Elev Mc:	T	Loc Src:	MGS
Last Strat:	QFUG	Data Src:	21570
OH Top Unit:	QFUG	Input Src:	MDH
OH Bot Unit:	QFUG	Strat Date:	06/19/2003
Aquifer Code:	QBAA	Strat Update:	05/03/2004
Aquifer Name:	Quat. Buried Artes. Aquifer	Strat Src Code:	MGS
Date Drll:	05/19/2003	Strat Source:	Minnesota Geological Survey
Case Diam:	4.0	Strat Geol:	EB
Case Depth:	170.0	Strat Mc:	Q
Grout:	Y	Strat Method:	Geologic study 1:24k to 1:100k
Pollut DST:	100	SWL Count:	1.0
Pollut Dir:	NE	SWL Date:	20030519.0
Pollut Type:	SDF	SWL Avg Meas:	97.0
Pollution Type:	Septic tank/drain field	SWL Avg Elev:	1355.0
Cuttings:		OB Well:	
Core:		SWL:	Yes
BH Geophys:		DH Video:	
Geo Chem:		Unused:	N
Water Chem:		Entry Date:	06/19/2003
Gcm Code:	DS1	Updt Date:	05/03/2004
Geoc Src:	MGS	Geoc Type:	WW
Geoc Prg:	CWI	Geographic Type:	Water well
Geoc Entry:	619008.0	Bdrkelev:	0.0
Geoc Date:	20040430	Botholelev:	1279.0
Geocupd En:	0.0	Ohtopelev:	1282.0
Geocupd Da:	0	Ohbotelev:	1279.0
Rcvd Date:	20030527		
Log URL:	https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000669526		
Strat URL:	https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000669526		
Source:	County Well Index (CWI) Database - located and digitized water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	ESE	0.23	1,222.32	1,404.68	WATER WELLS

Well ID:	725862	Point Y:	46.1801935716905
Relate ID:	0000725862	Point X:	-95.0428500100528
Unique No:	00725862	UTME:	342333
Status Code:	A	UTMN:	5116097
Well Status:	Active	Township:	131
Use Code:	DO	Range :	35
Use:	domestic	Range Dir:	W
Well Name:	HAGEN, TIM	Section:	2
Well Label:	725862	Subsection:	DDD
Depth Drll:	78.0	MGS Quad Code:	
Depth Comp:	78.0	MGS Quadrangle:	
Depth to BDRK:	0.0	County Code:	77

Wells and Additional Sources Detail Report

First BDRK:		County Name:	Todd
Elevation:	0.0	Loc Mc:	
Elev Mc:		Loc Src:	
Last Strat:		Data Src:	21699
OH Top Unit:		Input Src:	MDH
OH Bot Unit:		Strat Date:	03/29/2006
Aquifer Code:		Strat Update:	03/29/2006
Aquifer Name:		Strat Src Code:	
Date Drll:	08/18/2005	Strat Source:	
Case Diam:	4.0	Strat Geol:	
Case Depth:	70.0	Strat Mc:	
Grout:	Y	Strat Method:	
Pollut DST:	0	SWL Count:	0
Pollut Dir:		SWL Date:	0
Pollut Type:		SWL Avg Meas:	0.0
Pollution Type:		SWL Avg Elev:	0.0
Cuttings:		OB Well:	
Core:		SWL:	Yes
BH Geophys:		DH Video:	
Geo Chem:		Unused:	N
Water Chem:		Entry Date:	0
Gcm Code:	PQ3	Updt Date:	06/23/2006
Geoc Src:		Geoc Type:	
Geoc Prg:		Geographic Type:	
Geoc Entry:	0	Bdrkelev:	
Geoc Date:	0	Botholelev:	
Geocupd En:	0	Ohtopelev:	
Geocupd Da:	0	Ohbotelev:	
Rcvd Date:	20051012		
Log URL:			
Strat URL:			
Source:	County Well Index (CWI) Database - unlocated water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	WSW	0.39	2,056.11	1,420.89	WATER WELLS

Well ID:	236128	Point Y:	46.1792376847016
Relate ID:	0000236128	Point X:	-95.0684689344319
Unique No:	00236128	UTME:	340353
Status Code:	S	UTMN:	5116042
Well Status:	Sealed	Township:	131
Use Code:	SI	Range :	35
Use:	scientific investigation	Range Dir:	W
Well Name:	1985-5	Section:	10
Well Label:	236128	Subsection:	ABAAAB
Depth Drll:	266.0	MGS Quad Code:	197A

Depth Comp:	266.0	MGS Quadrangle:	Eagle Bend
Depth to BDRK:	239.0	County Code:	77
First BDRK:	UREG	County Name:	Todd
Elevation:	1418.0	Loc Mc:	5
Elev Mc:	T	Loc Src:	MGS
Last Strat:	PAGU	Data Src:	65252
OH Top Unit:		Input Src:	MGS
OH Bot Unit:		Strat Date:	02/19/1997
Aquifer Code:		Strat Update:	12/12/2005
Aquifer Name:		Strat Src Code:	MGS
Date Drll:	09/20/1985	Strat Source:	Minnesota Geological Survey
Case Diam:	0.0	Strat Geol:	GNM
Case Depth:	0.0	Strat Mc:	Q
Grout:		Strat Method:	Geologic study 1:24k to 1:100k
Pollut DST:	0	SWL Count:	0.0
Pollut Dir:		SWL Date:	0.0
Pollut Type:		SWL Avg Meas:	0.0
Pollution Type:		SWL Avg Elev:	0.0
Cuttings:	Yes	OB Well:	
Core:	Yes	SWL:	
BH Geophys:	Yes	DH Video:	
Geo Chem:		Unused:	
Water Chem:		Entry Date:	04/17/1988
Gcm Code:	DS1	Updt Date:	06/12/2015
Geoc Src:	MGS	Geoc Type:	WW
Geoc Prg:	CWI	Geographic Type:	Water well
Geoc Entry:	0.0	Bdrkelev:	1179.0
Geoc Date:	19900101	Botholelev:	1152.0
Geocupd En:	619008.0	Ohtopelev:	0.0
Geocupd Da:	20030307	Ohbotelev:	1152.0
Rcvd Date:	0		
Log URL:	https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000236128		
Strat URL:	https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000236128		
Source:	County Well Index (CWI) Database - located and digitized water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	NW	0.49	2,611.55	1,418.00	WATER WELLS

Well ID:	602774	Point Y:	46.1937055613287
Relate ID:	0000602774	Point X:	-95.0650866180971
Unique No:	00602774	UTME:	340656
Status Code:	A	UTMN:	5117643
Well Status:	Active	Township:	131
Use Code:	DO	Range :	35
Use:	domestic	Range Dir:	W
Well Name:	EHNES, KEVIN	Section:	3

Wells and Additional Sources Detail Report

Well Label:	602774	Subsection:	AAABBC
Depth Drll:	129.0	MGS Quad Code:	197A
Depth Comp:	129.0	MGS Quadrangle:	Eagle Bend
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	1417.0	Loc Mc:	1
Elev Mc:	T	Loc Src:	MGS
Last Strat:	QGUU	Data Src:	77201
OH Top Unit:	QGUU	Input Src:	MDH
OH Bot Unit:	QGUU	Strat Date:	0
Aquifer Code:	QBAA	Strat Update:	05/03/2004
Aquifer Name:	Quat. Buried Artes. Aquifer	Strat Src Code:	MGS
Date Drll:	09/11/1998	Strat Source:	Minnesota Geological Survey
Case Diam:	4.0	Strat Geol:	EB
Case Depth:	125.0	Strat Mc:	Q
Grout:	Y	Strat Method:	Geologic study 1:24k to 1:100k
Pollut DST:	400	SWL Count:	1.0
Pollut Dir:	W	SWL Date:	19980911.0
Pollut Type:	SDF	SWL Avg Meas:	20.0
Pollution Type:	Septic tank/drain field	SWL Avg Elev:	1397.0
Cuttings:		OB Well:	
Core:		SWL:	Yes
BH Geophys:		DH Video:	
Geo Chem:		Unused:	
Water Chem:		Entry Date:	04/01/1999
Gcm Code:	DS1	Updt Date:	03/11/2005
Geoc Src:	MGS	Geoc Type:	WW
Geoc Prg:	CWI	Geographic Type:	Water well
Geoc Entry:	619008.0	Bdrkelev:	0.0
Geoc Date:	20040427	Botholelev:	1288.0
Geocupd En:	0.0	Ohtopelev:	1292.0
Geocupd Da:	0	Ohbotelev:	1288.0
Rcvd Date:	0		
Log URL:	https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000602774		
Strat URL:	https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000602774		
Source:	County Well Index (CWI) Database - located and digitized water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	SW	0.56	2,949.10	1,414.63	WATER WELLS

Well ID:	1000013389	Point Y:	46.1757757685659
Relate ID:	1000013389	Point X:	-95.0677949260489
Unique No:	1000013389	UTME:	340395
Status Code:	A	UTMN:	5115656
Well Status:	Active	Township:	131
Use Code:		Range :	35

Wells and Additional Sources Detail Report

Use:		Range Dir:	W
Well Name:	IRLBECK	Section:	10
Well Label:	1000013389	Subsection:	A
Depth Drll:	0.0	MGS Quad Code:	
Depth Comp:	0.0	MGS Quadrangle:	
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	0.0	Loc Mc:	4
Elev Mc:		Loc Src:	MDH
Last Strat:		Data Src:	
OH Top Unit:		Input Src:	MGS
OH Bot Unit:		Strat Date:	0
Aquifer Code:		Strat Update:	0
Aquifer Name:		Strat Src Code:	
Date Drll:	05/10/1993	Strat Source:	
Case Diam:	0.0	Strat Geol:	
Case Depth:	0.0	Strat Mc:	
Grout:		Strat Method:	
Pollut DST:	0	SWL Count:	0
Pollut Dir:		SWL Date:	0
Pollut Type:		SWL Avg Meas:	0.0
Pollution Type:		SWL Avg Elev:	0.0
Cuttings:		OB Well:	
Core:		SWL:	
BH Geophys:		DH Video:	
Geo Chem:		Unused:	
Water Chem:		Entry Date:	08/27/1993
Gcm Code:	PQ1	Updt Date:	08/18/2016
Geoc Src:		Geoc Type:	
Geoc Prg:		Geographic Type:	
Geoc Entry:	0	Bdrkelev:	
Geoc Date:	0	Botholelev:	
Geocupd En:	0	Ohtopelev:	
Geocupd Da:	0	Ohbotelev:	
Rcvd Date:	0		
Log URL:			
Strat URL:			
Source:	County Well Index (CWI) Database - unlocated water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.55	2,889.53	1,420.28	WATER WELLS

Well ID:	221421	Point Y:	46.1837263028424
Relate ID:	0000221421	Point X:	-95.0355301840511
Unique No:	00221421	UTME:	342908
Status Code:	S	UTMN:	5116475

Wells and Additional Sources Detail Report

Well Status:	Sealed	Township:	131
Use Code:	DO	Range :	35
Use:	domestic	Range Dir:	W
Well Name:	CRIDER, LAVERN	Section:	1
Well Label:	221421	Subsection:	CACCAB
Depth Drll:	267.0	MGS Quad Code:	197A
Depth Comp:	267.0	MGS Quadrangle:	Eagle Bend
Depth to BDRK:	246.0	County Code:	77
First BDRK:	PAGU	County Name:	Todd
Elevation:	1419.0	Loc Mc:	
Elev Mc:	T	Loc Src:	MGS
Last Strat:	PAGU	Data Src:	91353
OH Top Unit:	QCUY	Input Src:	MGS
OH Bot Unit:	QFUB	Strat Date:	02/19/1997
Aquifer Code:	QBAA	Strat Update:	04/24/2007
Aquifer Name:	Quat. Buried Artes. Aquifer	Strat Src Code:	MGS
Date Drll:	09/24/1965	Strat Source:	Minnesota Geological Survey
Case Diam:	4.0	Strat Geol:	TB
Case Depth:	27.0	Strat Mc:	Q
Grout:		Strat Method:	Geologic study 1:24k to 1:100k
Pollut DST:	0	SWL Count:	0.0
Pollut Dir:		SWL Date:	0.0
Pollut Type:		SWL Avg Meas:	0.0
Pollution Type:		SWL Avg Elev:	0.0
Cuttings:		OB Well:	
Core:		SWL:	
BH Geophys:		DH Video:	
Geo Chem:		Unused:	
Water Chem:		Entry Date:	04/17/1988
Gcm Code:	A	Updt Date:	04/24/2007
Geoc Src:	MGS	Geoc Type:	WW
Geoc Prg:	CWI	Geographic Type:	Water well
Geoc Entry:	0.0	Bdrkelev:	1173.0
Geoc Date:	19900101	Botholelev:	1152.0
Geocupd En:	0.0	Ohtopelev:	1392.0
Geocupd Da:	0	Ohbotelev:	1152.0
Rcvd Date:	0		
Log URL:	https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000221421		
Strat URL:	https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000221421		
Source:	County Well Index (CWI) Database - located and digitized water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	ESE	0.54	2,860.00	1,411.78	WATER WELLS

Well ID:	409868	Point Y:	46.1795930408927
Relate ID:	0000409868	Point X:	-95.0361550004563

Wells and Additional Sources Detail Report

Unique No:	00409868	UTME:	342848
Status Code:	A	UTMN:	5116017
Well Status:	Active	Township:	131
Use Code:	DO	Range :	35
Use:	domestic	Range Dir:	W
Well Name:	LADWIG, TROY	Section:	1
Well Label:	409868	Subsection:	CDCCC
Depth Drll:	222.0	MGS Quad Code:	197A
Depth Comp:	142.0	MGS Quadrangle:	Eagle Bend
Depth to BDRK:	219.0	County Code:	77
First BDRK:	PAGU	County Name:	Todd
Elevation:	1412.0	Loc Mc:	4
Elev Mc:	T	Loc Src:	MGS
Last Strat:	PAGU	Data Src:	56154
OH Top Unit:	QGUG	Input Src:	MGS
OH Bot Unit:	QGUG	Strat Date:	02/09/1997
Aquifer Code:	QBAA	Strat Update:	04/24/2007
Aquifer Name:	Quat. Buried Artes. Aquifer	Strat Src Code:	MGS
Date Drll:	06/07/1984	Strat Source:	Minnesota Geological Survey
Case Diam:	4.0	Strat Geol:	TB
Case Depth:	136.0	Strat Mc:	Q
Grout:	N	Strat Method:	Geologic study 1:24k to 1:100k
Pollut DST:	150	SWL Count:	1.0
Pollut Dir:	NE	SWL Date:	19840607.0
Pollut Type:	SDF	SWL Avg Meas:	33.0
Pollution Type:	Septic tank/drain field	SWL Avg Elev:	1379.0
Cuttings:		OB Well:	
Core:		SWL:	Yes
BH Geophys:		DH Video:	
Geo Chem:		Unused:	
Water Chem:		Entry Date:	04/17/1988
Gcm Code:	A	Updt Date:	02/14/2014
Geoc Src:	MGS	Geoc Type:	WW
Geoc Prg:	CWI	Geographic Type:	Water well
Geoc Entry:	0.0	Bdrkelev:	1193.0
Geoc Date:	19961024	Botholelev:	1190.0
Geocupd En:	0.0	Ohtopelev:	1276.0
Geocupd Da:	0	Ohbotelev:	1270.0
Rcvd Date:	0		
Log URL:	https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000409868		
Strat URL:	https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000409868		
Source:	County Well Index (CWI) Database - located and digitized water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	ENE	0.54	2,848.61	1,414.80	WATER WELLS

Wells and Additional Sources Detail Report

Well ID:	616073	Point Y:	46.1876603243644
Relate ID:	0000616073	Point X:	-95.035883854495
Unique No:	00616073	UTME:	342892
Status Code:	A	UTMN:	5116913
Well Status:	Active	Township:	131
Use Code:	DO	Range :	35
Use:	domestic	Range Dir:	W
Well Name:	HARREN, GREG	Section:	1
Well Label:	616073	Subsection:	BDCBCD
Depth Drll:	175.0	MGS Quad Code:	197A
Depth Comp:	175.0	MGS Quadrangle:	Eagle Bend
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	1414.0	Loc Mc:	1
Elev Mc:	T	Loc Src:	MGS
Last Strat:	QLUU	Data Src:	73025
OH Top Unit:	QLUG	Input Src:	MGS
OH Bot Unit:	QLUG	Strat Date:	0
Aquifer Code:	QBAA	Strat Update:	05/03/2004
Aquifer Name:	Quat. Buried Artes. Aquifer	Strat Src Code:	MGS
Date Drll:	08/11/1998	Strat Source:	Minnesota Geological Survey
Case Diam:	5.0	Strat Geol:	EB
Case Depth:	154.0	Strat Mc:	Q
Grout:	Y	Strat Method:	Geologic study 1:24k to 1:100k
Pollut DST:	93	SWL Count:	1.0
Pollut Dir:	N	SWL Date:	19980811.0
Pollut Type:	SDF	SWL Avg Meas:	35.0
Pollution Type:	Septic tank/drain field	SWL Avg Elev:	1379.0
Cuttings:		OB Well:	
Core:		SWL:	Yes
BH Geophys:		DH Video:	
Geo Chem:		Unused:	N
Water Chem:		Entry Date:	02/25/1999
Gcm Code:	DS1	Updt Date:	11/09/2017
Geoc Src:	MGS	Geoc Type:	WW
Geoc Prg:	CWI	Geographic Type:	Water well
Geoc Entry:	619008.0	Bdrkelev:	0.0
Geoc Date:	20040430	Botholelev:	1239.0
Geocupd En:	0.0	Ohtopelev:	1260.0
Geocupd Da:	0	Ohbotelev:	1239.0
Rcvd Date:	0		
Log URL:	https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000616073		
Strat URL:	https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000616073		
Source:	County Well Index (CWI) Database - located and digitized water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	E	0.57	3,010.68	1,425.39	WATER WELLS

Wells and Additional Sources Detail Report

Well ID:	745979	Point Y:	46.1839057294857
Relate ID:	0000745979	Point X:	-95.0350573692603
Unique No:	00745979	UTME:	342945
Status Code:	A	UTMN:	5116494
Well Status:	Active	Township:	131
Use Code:	DO	Range :	35
Use:	domestic	Range Dir:	W
Well Name:	HARREN, GREGG	Section:	1
Well Label:	745979	Subsection:	CAC
Depth Drll:	220.0	MGS Quad Code:	
Depth Comp:	220.0	MGS Quadrangle:	
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	0.0	Loc Mc:	
Elev Mc:		Loc Src:	
Last Strat:		Data Src:	1864
OH Top Unit:		Input Src:	MDH
OH Bot Unit:		Strat Date:	04/19/2007
Aquifer Code:		Strat Update:	04/19/2007
Aquifer Name:		Strat Src Code:	
Date Drll:	08/23/2006	Strat Source:	
Case Diam:	5.0	Strat Geol:	
Case Depth:	204.0	Strat Mc:	
Grout:	Y	Strat Method:	
Pollut DST:	51	SWL Count:	0
Pollut Dir:	S	SWL Date:	0
Pollut Type:	BYD	SWL Avg Meas:	0.0
Pollution Type:	Barnyard	SWL Avg Elev:	0.0
Cuttings:		OB Well:	
Core:		SWL:	Yes
BH Geophys:		DH Video:	
Geo Chem:		Unused:	N
Water Chem:		Entry Date:	04/19/2007
Gcm Code:	PQ3	Updt Date:	04/19/2007
Geoc Src:		Geoc Type:	
Geoc Prg:		Geographic Type:	
Geoc Entry:	0	Bdrkelev:	
Geoc Date:	0	Botholelev:	
Geocupd En:	0	Ohtopelev:	
Geocupd Da:	0	Ohbotelev:	
Rcvd Date:	20060906		
Log URL:			
Strat URL:			
Source:	County Well Index (CWI) Database - unlocated water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

15	ESE	0.55	2,900.53	1,412.39	WATER WELLS

Well ID:	566786	Point Y:	46.1798881039886
Relate ID:	0000566786	Point X:	-95.0358591165345
Unique No:	00566786	UTME:	342872
Status Code:	A	UTMN:	5116049
Well Status:	Active	Township:	131
Use Code:	OT	Range :	35
Use:	other (specify in remarks)	Range Dir:	W
Well Name:	KORTUEM, BRIAN	Section:	1
Well Label:	566786	Subsection:	CDCCBD
Depth Drll:	42.0	MGS Quad Code:	197A
Depth Comp:	42.0	MGS Quadrangle:	Eagle Bend
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	1414.0	Loc Mc:	1
Elev Mc:	T	Loc Src:	MGS
Last Strat:	QFUU	Data Src:	77201
OH Top Unit:	QFUU	Input Src:	MGS
OH Bot Unit:	QFUU	Strat Date:	0
Aquifer Code:	QBAA	Strat Update:	05/03/2004
Aquifer Name:	Quat. Buried Artes. Aquifer	Strat Src Code:	MGS
Date Drll:	10/01/1996	Strat Source:	Minnesota Geological Survey
Case Diam:	4.0	Strat Geol:	EB
Case Depth:	0.0	Strat Mc:	Q
Grout:	Y	Strat Method:	Geologic study 1:24k to 1:100k
Pollut DST:	50	SWL Count:	1.0
Pollut Dir:	SE	SWL Date:	19961001.0
Pollut Type:	BYD	SWL Avg Meas:	10.0
Pollution Type:	Barnyard	SWL Avg Elev:	1404.0
Cuttings:		OB Well:	
Core:		SWL:	Yes
BH Geophys:		DH Video:	
Geo Chem:		Unused:	Y
Water Chem:		Entry Date:	03/18/1997
Gcm Code:	DS1	Updt Date:	02/14/2014
Geoc Src:	MGS	Geoc Type:	WW
Geoc Prg:	CWI	Geographic Type:	Water well
Geoc Entry:	619008.0	Bdrkelev:	0.0
Geoc Date:	20040430	Botholelev:	1372.0
Geocupd En:	0.0	Ohtopelev:	0.0
Geocupd Da:	0	Ohbotelev:	1372.0
Rcvd Date:	0		
Log URL:	https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000566786		
Strat URL:	https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000566786		
Source:	County Well Index (CWI) Database - located and digitized water wells		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
16	NE	0.60	3,155.97	1,386.84	WATER WELLS

Well ID:	1000013590	Point Y:	46.194816516605
Relate ID:	1000013590	Point X:	-95.0429902362988
Unique No:	1000013590	UTME:	342364
Status Code:	A	UTMN:	5117722
Well Status:	Active	Township:	132
Use Code:		Range :	35
Use:		Range Dir:	W
Well Name:	KNEISEL	Section:	35
Well Label:	1000013590	Subsection:	DDD
Depth Drll:	0.0	MGS Quad Code:	
Depth Comp:	0.0	MGS Quadrangle:	
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	0.0	Loc Mc:	4
Elev Mc:		Loc Src:	MDH
Last Strat:		Data Src:	
OH Top Unit:		Input Src:	MGS
OH Bot Unit:		Strat Date:	0
Aquifer Code:		Strat Update:	0
Aquifer Name:		Strat Src Code:	
Date Drll:	02/13/1991	Strat Source:	
Case Diam:	0.0	Strat Geol:	
Case Depth:	0.0	Strat Mc:	
Grout:		Strat Method:	
Pollut DST:	0	SWL Count:	0
Pollut Dir:		SWL Date:	0
Pollut Type:		SWL Avg Meas:	0.0
Pollution Type:		SWL Avg Elev:	0.0
Cuttings:		OB Well:	
Core:		SWL:	
BH Geophys:		DH Video:	
Geo Chem:		Unused:	
Water Chem:		Entry Date:	08/31/1993
Gcm Code:	PQ3	Updt Date:	08/18/2016
Geoc Src:		Geoc Type:	
Geoc Prg:		Geographic Type:	
Geoc Entry:	0	Bdrkelev:	
Geoc Date:	0	Botholelev:	
Geocupd En:	0	Ohtopelev:	
Geocupd Da:	0	Ohbotelev:	
Rcvd Date:	0		
Log URL:			

Wells and Additional Sources Detail Report

Strat URL:

Source: County Well Index (CWI) Database - unlocated water wells

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	ESE	0.56	2,978.91	1,412.62	WATER WELLS

Well ID:	409867	Point Y:	46.1795655990808
Relate ID:	0000409867	Point X:	-95.0356745851888
Unique No:	00409867	UTME:	342885
Status Code:	S	UTMN:	5116013
Well Status:	Sealed	Township:	131
Use Code:	AB	Range :	35
Use:	abandoned	Range Dir:	W
Well Name:	LADWIG, TROY	Section:	1
Well Label:	409867	Subsection:	CDCCCD
Depth Drll:	212.0	MGS Quad Code:	197A
Depth Comp:	212.0	MGS Quadrangle:	Eagle Bend
Depth to BDRK:	210.0	County Code:	77
First BDRK:	PAGU	County Name:	Todd
Elevation:	1412.0	Loc Mc:	4
Elev Mc:	T	Loc Src:	MGS
Last Strat:	PAGU	Data Src:	56154
OH Top Unit:		Input Src:	MGS
OH Bot Unit:		Strat Date:	02/09/1997
Aquifer Code:		Strat Update:	04/24/2007
Aquifer Name:		Strat Src Code:	MGS
Date Drll:	06/01/1984	Strat Source:	Minnesota Geological Survey
Case Diam:	0.0	Strat Geol:	EB
Case Depth:	0.0	Strat Mc:	Q
Grout:		Strat Method:	Geologic study 1:24k to 1:100k
Pollut DST:	0	SWL Count:	1.0
Pollut Dir:		SWL Date:	19840601.0
Pollut Type:		SWL Avg Meas:	33.0
Pollution Type:		SWL Avg Elev:	1379.0
Cuttings:		OB Well:	
Core:		SWL:	Yes
BH Geophys:		DH Video:	
Geo Chem:		Unused:	
Water Chem:		Entry Date:	04/17/1988
Gcm Code:	A	Updt Date:	02/14/2014
Geoc Src:	MGS	Geoc Type:	WW
Geoc Prg:	CWI	Geographic Type:	Water well
Geoc Entry:	0.0	Bdrkelev:	1202.0
Geoc Date:	19961024	Botholelev:	1200.0
Geocupd En:	0.0	Ohtopelev:	0.0
Geocupd Da:	0	Ohbotelev:	1200.0

Wells and Additional Sources Detail Report

Rcvd Date:	0
Log URL:	https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000409867
Strat URL:	https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000409867
Source:	County Well Index (CWI) Database - located and digitized water wells

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	ENE	0.57	3,003.59	1,409.55	WATER WELLS

Well ID:	1000013378	Point Y:	46.1903076310494
Relate ID:	1000013378	Point X:	-95.0364211906338
Unique No:	1000013378	UTME:	342858
Status Code:	A	UTMN:	5117208
Well Status:	Active	Township:	131
Use Code:		Range :	35
Use:		Range Dir:	W
Well Name:	HARREN	Section:	1
Well Label:	1000013378	Subsection:	B
Depth Drll:	0.0	MGS Quad Code:	
Depth Comp:	0.0	MGS Quadrangle:	
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	0.0	Loc Mc:	4
Elev Mc:		Loc Src:	MDH
Last Strat:		Data Src:	
OH Top Unit:		Input Src:	MGS
OH Bot Unit:		Strat Date:	0
Aquifer Code:		Strat Update:	0
Aquifer Name:		Strat Src Code:	
Date Drll:	05/07/1993	Strat Source:	
Case Diam:	0.0	Strat Geol:	
Case Depth:	0.0	Strat Mc:	
Grout:		Strat Method:	
Pollut DST:	0	SWL Count:	0
Pollut Dir:		SWL Date:	0
Pollut Type:		SWL Avg Meas:	0.0
Pollution Type:		SWL Avg Elev:	0.0
Cuttings:		OB Well:	
Core:		SWL:	
BH Geophys:		DH Video:	
Geo Chem:		Unused:	
Water Chem:		Entry Date:	08/26/1993
Gcm Code:	PQ1	Updt Date:	08/18/2016
Geoc Src:		Geoc Type:	
Geoc Prg:		Geographic Type:	
Geoc Entry:	0	Bdrkelev:	
Geoc Date:	0	Botholelev:	

Geocupd En:	0	Ohtopelev:	
Geocupd Da:	0	Ohbotelev:	
Rcvd Date:	0		
Log URL:			
Strat URL:			
Source:	County Well Index (CWI) Database - unlocated water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	SE	0.67	3,533.30	1,404.47	WATER WELLS

Well ID:	1000013394	Point Y:	46.1756927098768
Relate ID:	1000013394	Point X:	-95.0363348805563
Unique No:	1000013394	UTME:	342823
Status Code:	A	UTMN:	5115584
Well Status:	Active	Township:	131
Use Code:		Range :	35
Use:		Range Dir:	W
Well Name:		Section:	12
Well Label:	1000013394	Subsection:	B
Depth Drll:	0.0	MGS Quad Code:	
Depth Comp:	0.0	MGS Quadrangle:	
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	0.0	Loc Mc:	4
Elev Mc:		Loc Src:	MDH
Last Strat:		Data Src:	
OH Top Unit:		Input Src:	MGS
OH Bot Unit:		Strat Date:	0
Aquifer Code:		Strat Update:	0
Aquifer Name:		Strat Src Code:	
Date Drll:	05/10/1993	Strat Source:	
Case Diam:	0.0	Strat Geol:	
Case Depth:	0.0	Strat Mc:	
Grout:		Strat Method:	
Pollut DST:	0	SWL Count:	0
Pollut Dir:		SWL Date:	0
Pollut Type:		SWL Avg Meas:	0.0
Pollution Type:		SWL Avg Elev:	0.0
Cuttings:		OB Well:	
Core:		SWL:	
BH Geophys:		DH Video:	
Geo Chem:		Unused:	
Water Chem:		Entry Date:	08/27/1993
Gcm Code:	PQ1	Updt Date:	08/18/2016
Geoc Src:		Geoc Type:	
Geoc Prg:		Geographic Type:	

Wells and Additional Sources Detail Report

Geoc Entry:	0	Bdrkelev:	
Geoc Date:	0	Botholelev:	
Geocupd En:	0	Ohtopelev:	
Geocupd Da:	0	Ohbotelev:	
Rcvd Date:	0		
Log URL:			
Strat URL:			
Source:	County Well Index (CWI) Database - unlocated water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	NW	0.62	3,281.47	1,437.93	WATER WELLS

Well ID:	753294	Point Y:	46.1930366210042
Relate ID:	0000753294	Point X:	-95.0718638995552
Unique No:	00753294	UTME:	340131
Status Code:	A	UTMN:	5117582
Well Status:	Active	Township:	131
Use Code:	DO	Range :	35
Use:	domestic	Range Dir:	W
Well Name:	MONROE, MILTON	Section:	3
Well Label:	753294	Subsection:	ABB
Depth Drll:	138.0	MGS Quad Code:	
Depth Comp:	138.0	MGS Quadrangle:	
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	0.0	Loc Mc:	
Elev Mc:		Loc Src:	
Last Strat:		Data Src:	2022
OH Top Unit:		Input Src:	MDH
OH Bot Unit:		Strat Date:	03/20/2008
Aquifer Code:		Strat Update:	03/20/2008
Aquifer Name:		Strat Src Code:	
Date Drll:	06/26/2007	Strat Source:	
Case Diam:	4.0	Strat Geol:	
Case Depth:	134.0	Strat Mc:	
Grout:	Y	Strat Method:	
Pollut DST:	0	SWL Count:	0
Pollut Dir:		SWL Date:	0
Pollut Type:		SWL Avg Meas:	0.0
Pollution Type:		SWL Avg Elev:	0.0
Cuttings:		OB Well:	
Core:		SWL:	Yes
BH Geophys:		DH Video:	
Geo Chem:		Unused:	N
Water Chem:		Entry Date:	03/20/2008
Gcm Code:	PQ3	Updt Date:	07/26/2010

Wells and Additional Sources Detail Report

Geoc Src:		Geoc Type:	
Geoc Prg:		Geographic Type:	
Geoc Entry:	0	Bdrkelev:	
Geoc Date:	0	Botholelev:	
Geocupd En:	0	Ohtopelev:	
Geocupd Da:	0	Ohbotelev:	
Rcvd Date:	20070702		
Log URL:			
Strat URL:			
Source:	County Well Index (CWI) Database - unlocated water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	S	0.76	4,017.59	1,438.43	WATER WELLS

Well ID:	1000013392	Point Y:	46.1684939981188
Relate ID:	1000013392	Point X:	-95.0573528730058
Unique No:	1000013392	UTME:	341180
Status Code:	A	UTMN:	5114826
Well Status:	Active	Township:	131
Use Code:		Range :	35
Use:		Range Dir:	W
Well Name:	JACKSON	Section:	11
Well Label:	1000013392	Subsection:	C
Depth Drll:	0.0	MGS Quad Code:	
Depth Comp:	0.0	MGS Quadrangle:	
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	0.0	Loc Mc:	4
Elev Mc:		Loc Src:	MDH
Last Strat:		Data Src:	
OH Top Unit:		Input Src:	MGS
OH Bot Unit:		Strat Date:	0
Aquifer Code:		Strat Update:	0
Aquifer Name:		Strat Src Code:	
Date Drll:	06/10/1992	Strat Source:	
Case Diam:	0.0	Strat Geol:	
Case Depth:	0.0	Strat Mc:	
Grout:		Strat Method:	
Pollut DST:	0	SWL Count:	0
Pollut Dir:		SWL Date:	0
Pollut Type:		SWL Avg Meas:	0.0
Pollution Type:		SWL Avg Elev:	0.0
Cuttings:		OB Well:	
Core:		SWL:	
BH Geophys:		DH Video:	
Geo Chem:		Unused:	

Wells and Additional Sources Detail Report

Water Chem:		Entry Date:	08/27/1993
Gcm Code:	PQ1	Updt Date:	08/18/2016
Geoc Src:		Geoc Type:	
Geoc Prg:		Geographic Type:	
Geoc Entry:	0	Bdrkelev:	
Geoc Date:	0	Botholelev:	
Geocupd En:	0	Ohtopelev:	
Geocupd Da:	0	Ohbotelev:	
Rcvd Date:	0		
Log URL:			
Strat URL:			
Source:	County Well Index (CWI) Database - unlocated water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	S	0.76	4,017.59	1,438.43	WATER WELLS

Well ID:	1000013391	Point Y:	46.1684939981188
Relate ID:	1000013391	Point X:	-95.0573528730058
Unique No:	1000013391	UTME:	341180
Status Code:	A	UTMN:	5114826
Well Status:	Active	Township:	131
Use Code:		Range :	35
Use:		Range Dir:	W
Well Name:	JACKSON	Section:	11
Well Label:	1000013391	Subsection:	C
Depth Drll:	0.0	MGS Quad Code:	
Depth Comp:	0.0	MGS Quadrangle:	
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	0.0	Loc Mc:	4
Elev Mc:		Loc Src:	MDH
Last Strat:		Data Src:	
OH Top Unit:		Input Src:	MGS
OH Bot Unit:		Strat Date:	0
Aquifer Code:		Strat Update:	0
Aquifer Name:		Strat Src Code:	
Date Drll:	06/10/1992	Strat Source:	
Case Diam:	0.0	Strat Geol:	
Case Depth:	0.0	Strat Mc:	
Grout:		Strat Method:	
Pollut DST:	0	SWL Count:	0
Pollut Dir:		SWL Date:	0
Pollut Type:		SWL Avg Meas:	0.0
Pollution Type:		SWL Avg Elev:	0.0
Cuttings:		OB Well:	
Core:		SWL:	

Wells and Additional Sources Detail Report

BH Geophys:		DH Video:	
Geo Chem:		Unused:	
Water Chem:		Entry Date:	08/27/1993
Gcm Code:	PQ1	Updt Date:	08/18/2016
Geoc Src:		Geoc Type:	
Geoc Prg:		Geographic Type:	
Geoc Entry:	0	Bdrkelev:	
Geoc Date:	0	Botholelev:	
Geocupd En:	0	Ohtopelev:	
Geocupd Da:	0	Ohbotelev:	
Rcvd Date:	0		
Log URL:			
Strat URL:			
Source:	County Well Index (CWI) Database - unlocated water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	SSE	0.81	4,260.40	1,409.49	WATER WELLS

Well ID:	1000013390	Point Y:	46.1684313979787
Relate ID:	1000013390	Point X:	-95.0468058230958
Unique No:	1000013390	UTME:	341994
Status Code:	A	UTMN:	5114798
Well Status:	Active	Township:	131
Use Code:		Range :	35
Use:		Range Dir:	W
Well Name:		Section:	11
Well Label:	1000013390	Subsection:	D
Depth Drll:	0.0	MGS Quad Code:	
Depth Comp:	0.0	MGS Quadrangle:	
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	0.0	Loc Mc:	4
Elev Mc:		Loc Src:	MDH
Last Strat:		Data Src:	
OH Top Unit:		Input Src:	MGS
OH Bot Unit:		Strat Date:	0
Aquifer Code:		Strat Update:	0
Aquifer Name:		Strat Src Code:	
Date Drll:	07/01/1992	Strat Source:	
Case Diam:	0.0	Strat Geol:	
Case Depth:	0.0	Strat Mc:	
Grout:		Strat Method:	
Pollut DST:	0	SWL Count:	0
Pollut Dir:		SWL Date:	0
Pollut Type:		SWL Avg Meas:	0.0
Pollution Type:		SWL Avg Elev:	0.0

Wells and Additional Sources Detail Report

Cuttings:		OB Well:	
Core:		SWL:	
BH Geophys:		DH Video:	
Geo Chem:		Unused:	
Water Chem:		Entry Date:	08/27/1993
Gcm Code:	PQ1	Updt Date:	08/18/2016
Geoc Src:		Geoc Type:	
Geoc Prg:		Geographic Type:	
Geoc Entry:	0	Bdrkelev:	
Geoc Date:	0	Botholelev:	
Geocupd En:	0	Ohtopelev:	
Geocupd Da:	0	Ohbotelev:	
Rcvd Date:	0		
Log URL:			
Strat URL:			
Source:	County Well Index (CWI) Database - unlocated water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	WNW	0.80	4,212.65	1,410.56	WATER WELLS

Well ID:	1000013382	Point Y:	46.1903348921608
Relate ID:	1000013382	Point X:	-95.0783975270815
Unique No:	1000013382	UTME:	339619
Status Code:	A	UTMN:	5117295
Well Status:	Active	Township:	131
Use Code:		Range :	35
Use:		Range Dir:	W
Well Name:	KINCADE	Section:	3
Well Label:	1000013382	Subsection:	B
Depth Drll:	0.0	MGS Quad Code:	
Depth Comp:	0.0	MGS Quadrangle:	
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	0.0	Loc Mc:	4
Elev Mc:		Loc Src:	MDH
Last Strat:		Data Src:	
OH Top Unit:		Input Src:	MGS
OH Bot Unit:		Strat Date:	0
Aquifer Code:		Strat Update:	0
Aquifer Name:		Strat Src Code:	
Date Drll:	01/17/1992	Strat Source:	
Case Diam:	0.0	Strat Geol:	
Case Depth:	0.0	Strat Mc:	
Grout:		Strat Method:	
Pollut DST:	0	SWL Count:	0
Pollut Dir:		SWL Date:	0

Wells and Additional Sources Detail Report

Pollut Type:		SWL Avg Meas:	0.0
Pollution Type:		SWL Avg Elev:	0.0
Cuttings:		OB Well:	
Core:		SWL:	
BH Geophys:		DH Video:	
Geo Chem:		Unused:	
Water Chem:		Entry Date:	08/26/1993
Gcm Code:	PQ1	Updt Date:	08/18/2016
Geoc Src:		Geoc Type:	
Geoc Prg:		Geographic Type:	
Geoc Entry:	0	Bdrkelev:	
Geoc Date:	0	Botholelev:	
Geocupd En:	0	Ohtopelev:	
Geocupd Da:	0	Ohbotelev:	
Rcvd Date:	0		
Log URL:			
Strat URL:			
Source:	County Well Index (CWI) Database - unlocated water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	W	0.85	4,467.31	1,442.05	WATER WELLS

Well ID:	760054	Point Y:	46.1808583348691
Relate ID:	0000760054	Point X:	-95.0799699945106
Unique No:	00760054	UTME:	339470
Status Code:	A	UTMN:	5116245
Well Status:	Active	Township:	131
Use Code:	DO	Range :	35
Use:	domestic	Range Dir:	W
Well Name:	MCCARTY, JACOB	Section:	3
Well Label:	760054	Subsection:	CCDBAC
Depth Drll:	150.0	MGS Quad Code:	197A
Depth Comp:	150.0	MGS Quadrangle:	Eagle Bend
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	1441.0	Loc Mc:	G
Elev Mc:	T2	Loc Src:	MDH
Last Strat:		Data Src:	1655
OH Top Unit:		Input Src:	MDH
OH Bot Unit:		Strat Date:	0
Aquifer Code:		Strat Update:	05/29/2013
Aquifer Name:		Strat Src Code:	
Date Drll:	06/26/2008	Strat Source:	
Case Diam:	4.0	Strat Geol:	
Case Depth:	146.0	Strat Mc:	
Grout:	Y	Strat Method:	

Wells and Additional Sources Detail Report

Pollut DST:	60	SWL Count:	1.0
Pollut Dir:	SW	SWL Date:	20080624.0
Pollut Type:	SEW	SWL Avg Meas:	9.0
Pollution Type:		SWL Avg Elev:	1432.0
Cuttings:		OB Well:	
Core:		SWL:	Yes
BH Geophys:		DH Video:	
Geo Chem:		Unused:	Y
Water Chem:		Entry Date:	10/08/2008
Gcm Code:	G6O	Updt Date:	05/29/2013
Geoc Src:	MDH	Geoc Type:	WW
Geoc Prg:	WM	Geographic Type:	Water well
Geoc Entry:	2123004.0	Bdrkelev:	0.0
Geoc Date:	20080815	Botholelev:	1291.0
Geocupd En:	0.0	Ohtopelev:	1295.0
Geocupd Da:	0	Ohbotelev:	1291.0
Rcvd Date:	20090407		
Log URL:	https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000760054		
Strat URL:	https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000760054		
Source:	County Well Index (CWI) Database - located and digitized water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	E	0.88	4,658.70	1,441.11	WATER WELLS

Well ID:	1000013381	Point Y:	46.18122267288
Relate ID:	1000013381	Point X:	-95.0285315649825
Unique No:	1000013381	UTME:	343441
Status Code:	A	UTMN:	5116183
Well Status:	Active	Township:	131
Use Code:		Range :	35
Use:		Range Dir:	W
Well Name:	FARM CREDIT SERVICES	Section:	1
Well Label:	1000013381	Subsection:	DC
Depth Drll:	0.0	MGS Quad Code:	
Depth Comp:	0.0	MGS Quadrangle:	
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	0.0	Loc Mc:	4
Elev Mc:		Loc Src:	MDH
Last Strat:		Data Src:	
OH Top Unit:		Input Src:	MGS
OH Bot Unit:		Strat Date:	0
Aquifer Code:		Strat Update:	0
Aquifer Name:		Strat Src Code:	
Date Drll:	04/05/1991	Strat Source:	
Case Diam:	0.0	Strat Geol:	

Case Depth:	0.0	Strat Mc:	
Grout:		Strat Method:	
Pollut DST:	0	SWL Count:	0
Pollut Dir:		SWL Date:	0
Pollut Type:		SWL Avg Meas:	0.0
Pollution Type:		SWL Avg Elev:	0.0
Cuttings:		OB Well:	
Core:		SWL:	
BH Geophys:		DH Video:	
Geo Chem:		Unused:	
Water Chem:		Entry Date:	08/26/1993
Gcm Code:	PQ2	Updt Date:	08/18/2016
Geoc Src:		Geoc Type:	
Geoc Prg:		Geographic Type:	
Geoc Entry:	0	Bdrkelev:	
Geoc Date:	0	Botholelev:	
Geocupd En:	0	Ohtopelev:	
Geocupd Da:	0	Ohbotelev:	
Rcvd Date:	0		
Log URL:			
Strat URL:			
Source:	County Well Index (CWI) Database - unlocated water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	SSW	0.97	5,097.01	1,431.30	WATER WELLS

Well ID:	753838	Point Y:	46.1657941854174
Relate ID:	0000753838	Point X:	-95.0613325583473
Unique No:	00753838	UTME:	340865
Status Code:	A	UTMN:	5114534
Well Status:	Active	Township:	131
Use Code:	DO	Range :	35
Use:	domestic	Range Dir:	W
Well Name:	JACKSON, DAN	Section:	11
Well Label:	753838	Subsection:	CCC
Depth Drll:	190.0	MGS Quad Code:	
Depth Comp:	190.0	MGS Quadrangle:	
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	0.0	Loc Mc:	
Elev Mc:		Loc Src:	
Last Strat:		Data Src:	1864
OH Top Unit:		Input Src:	MGS
OH Bot Unit:		Strat Date:	07/26/2010
Aquifer Code:		Strat Update:	07/26/2010
Aquifer Name:		Strat Src Code:	

Wells and Additional Sources Detail Report

Date Drll:	09/25/2007	Strat Source:	
Case Diam:	4.0	Strat Geol:	
Case Depth:	178.0	Strat Mc:	
Grout:	Y	Strat Method:	
Pollut DST:	125	SWL Count:	0
Pollut Dir:	NE	SWL Date:	0
Pollut Type:	BYD	SWL Avg Meas:	0.0
Pollution Type:	Barnyard	SWL Avg Elev:	0.0
Cuttings:		OB Well:	
Core:		SWL:	Yes
BH Geophys:		DH Video:	
Geo Chem:		Unused:	N
Water Chem:		Entry Date:	07/26/2010
Gcm Code:	PQ3	Updt Date:	07/26/2010
Geoc Src:		Geoc Type:	
Geoc Prg:		Geographic Type:	
Geoc Entry:	0	Bdrkelev:	
Geoc Date:	0	Botholelev:	
Geocupd En:	0	Ohtopelev:	
Geocupd Da:	0	Ohbotelev:	
Rcvd Date:	20071109		
Log URL:			
Strat URL:			
Source:	County Well Index (CWI) Database - unlocated water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	SSE	0.99	5,221.13	1,410.29	WATER WELLS

Well ID:	166287	Point Y:	46.1660494260873
Relate ID:	0000166287	Point X:	-95.0451241438708
Unique No:	00166287	UTME:	342117
Status Code:	A	UTMN:	5114530
Well Status:	Active	Township:	131
Use Code:	DO	Range :	35
Use:	domestic	Range Dir:	W
Well Name:	SIMAR, IRA	Section:	11
Well Label:	166287	Subsection:	DDCACA
Depth Drll:	255.0	MGS Quad Code:	197A
Depth Comp:	255.0	MGS Quadrangle:	Eagle Bend
Depth to BDRK:	220.0	County Code:	77
First BDRK:	PEAG	County Name:	Todd
Elevation:	1408.0	Loc Mc:	7
Elev Mc:	T	Loc Src:	MGS
Last Strat:	PEAG	Data Src:	56154
OH Top Unit:	QCUY	Input Src:	MGS
OH Bot Unit:	PEAG	Strat Date:	01/19/1997

Wells and Additional Sources Detail Report

Aquifer Code:	MTPL	Strat Update:	04/24/2007
Aquifer Name:	Multiple	Strat Src Code:	MGS
Date Drll:	07/21/1980	Strat Source:	Minnesota Geological Survey
Case Diam:	4.0	Strat Geol:	TB
Case Depth:	216.0	Strat Mc:	Q
Grout:	N	Strat Method:	Geologic study 1:24k to 1:100k
Pollut DST:	0	SWL Count:	1.0
Pollut Dir:		SWL Date:	19800721.0
Pollut Type:		SWL Avg Meas:	15.0
Pollution Type:		SWL Avg Elev:	1393.0
Cuttings:		OB Well:	
Core:		SWL:	Yes
BH Geophys:		DH Video:	
Geo Chem:		Unused:	
Water Chem:		Entry Date:	04/17/1988
Gcm Code:	A	Updt Date:	02/14/2014
Geoc Src:	MGS	Geoc Type:	WW
Geoc Prg:	CWI	Geographic Type:	Water well
Geoc Entry:	0.0	Bdrkelev:	1188.0
Geoc Date:	19961024	Botholelev:	1153.0
Geocupd En:	0.0	Ohtopelev:	1192.0
Geocupd Da:	0	Ohbotelev:	1153.0
Rcvd Date:	0		
Log URL:	https://mnwellindex.web.health.state.mn.us/mwi/welllog.xhtml?wellId=0000166287		
Strat URL:	https://mnwellindex.web.health.state.mn.us/mwi/stratreport.xhtml?wellId=0000166287		
Source:	County Well Index (CWI) Database - located and digitized water wells		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	ESE	0.96	5,051.00	1,425.98	WATER WELLS

Well ID:	800812	Point Y:	46.1748452579693
Relate ID:	0000800812	Point X:	-95.0298386950886
Unique No:	00800812	UTME:	343322
Status Code:	A	UTMN:	5115477
Well Status:	Active	Township:	131
Use Code:	DO	Range :	35
Use:	domestic	Range Dir:	W
Well Name:	PRATHER, ADAM	Section:	12
Well Label:	800812	Subsection:	ACB
Depth Drll:	45.0	MGS Quad Code:	
Depth Comp:	44.0	MGS Quadrangle:	
Depth to BDRK:	0.0	County Code:	77
First BDRK:		County Name:	Todd
Elevation:	0.0	Loc Mc:	
Elev Mc:		Loc Src:	
Last Strat:		Data Src:	1596

Wells and Additional Sources Detail Report

OH Top Unit:		Input Src:	MDH
OH Bot Unit:		Strat Date:	09/26/2014
Aquifer Code:		Strat Update:	09/26/2014
Aquifer Name:		Strat Src Code:	
Date Drll:	10/30/2013	Strat Source:	
Case Diam:	4.0	Strat Geol:	
Case Depth:	40.0	Strat Mc:	
Grout:	Y	Strat Method:	
Pollut DST:	100	SWL Count:	0
Pollut Dir:	N	SWL Date:	0
Pollut Type:	SDF	SWL Avg Meas:	0.0
Pollution Type:	Septic tank/drain field	SWL Avg Elev:	0.0
Cuttings:		OB Well:	
Core:		SWL:	Yes
BH Geophys:		DH Video:	
Geo Chem:		Unused:	N
Water Chem:		Entry Date:	09/26/2014
Gcm Code:	PQ3	Updt Date:	09/26/2014
Geoc Src:		Geoc Type:	
Geoc Prg:		Geographic Type:	
Geoc Entry:	0	Bdrkelev:	
Geoc Date:	0	Botholelev:	
Geocupd En:	0	Ohtopelev:	
Geocupd Da:	0	Ohbotelev:	
Rcvd Date:	20131119		
Log URL:			
Strat URL:			
Source:	County Well Index (CWI) Database - unlocated water wells		

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *TODD* County: **1**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *TODD* County

No Measures/Homes:	3
Geometric Mean:	4.4
Arithmetic Mean:	5
Median:	6
Standard Deviation:	2.5
Maximum:	6.8
% >4 pCi/L:	67
% >20 pCi/L:	0
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of Minnesota conducted during 1987-88. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.

Appendix

Federal Sources

FEMA National Flood Hazard Layer — **FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data — **INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data — **PWSV**

This list of drinking water violations and enforcement actions is sourced from the U.S Environmental Protection Agency's (EPA) Enforcement and Compliance History Online (ECHO) system that incorporates Public Water Systems data from EPA's Safe Drinking Water Information System (SDWIS) database, as part of the national download of Safe Drinking Water Act (SDWA) data. SDWIS contains information on public water systems from the Public Water System Supervision (PWSS) Program, including monitoring, enforcement, and violation data related to requirements established by the SWDA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level — **RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS) — **SDWIS**

This national download of Safe Drinking Water Act (SDWA) data is sourced from the U.S Environmental Protection Agency's (EPA) Enforcement and Compliance History Online (ECHO) system that incorporates Public Water Systems data from EPA's Safe Drinking Water Information System (SDWIS) database. SDWIS contains information on public water systems from the Public Water System Supervision (PWSS) Program related to requirements established by the Safe Drinking Water Act (SDWA). Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Soil Survey Geographic database — **SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data — **US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo — **US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology — **US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System — **FED USGS**

The U.S. Geological Survey's (USGS) National Water Information System (NWIS) is the nation's principal repository of water resources data. The data includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIS database information is obtained through the Water Quality Data Portal (WQP). The WQP

is a cooperative service sponsored by the USGS, the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC).

State Sources

County Well Index **WATER WELLS**

The County Well Index (CWI), made available by the Minnesota Geological Survey, contains information for over 452,000 water-wells drilled in Minnesota. The data are derived from water-well contractors' logs of geologic materials encountered during drilling. Confirmed locations and interpreted geologic well records are available for over 244,500 of the wells.

Oil and Gas Wells **OGW**

As of MN state regulatory agencies, FracTracker Alliance - state of Minnesota confirmed not to have any active (drilled but not plugged) oil and gas wells.

Liability Notice

Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

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Eagle Bend MDA WIMN



10/2/2025, 9:30:03 AM

Incident Investigations
- Voluntary
- Counties

Township and Other Roads
Municipal Roads
County Roads

State Highways
US Highways
Small Cities

1:36,112

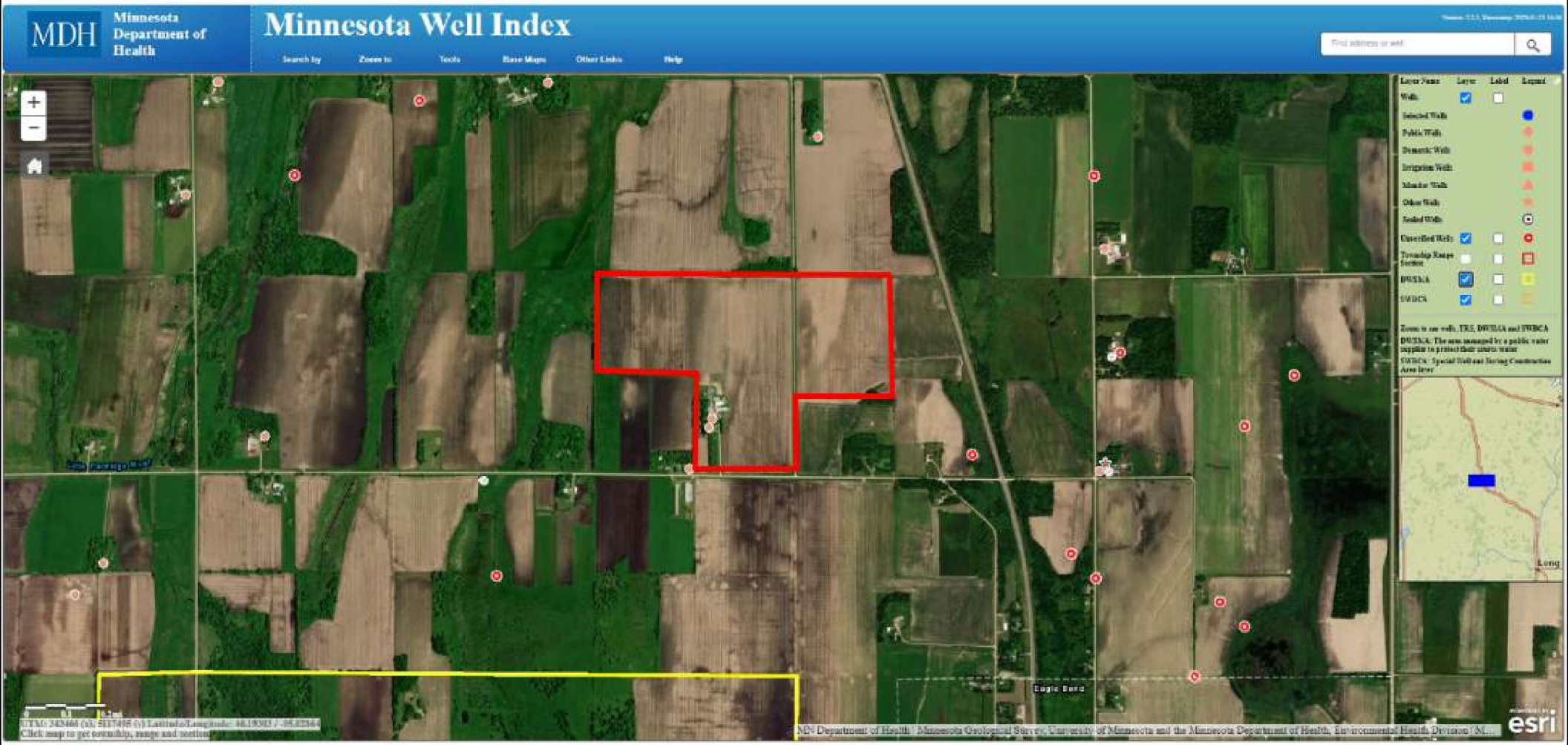
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0 0.33 0.65 1.3 km

MN Department of Agriculture, Maxar

ArcGIS Web AppBuilder

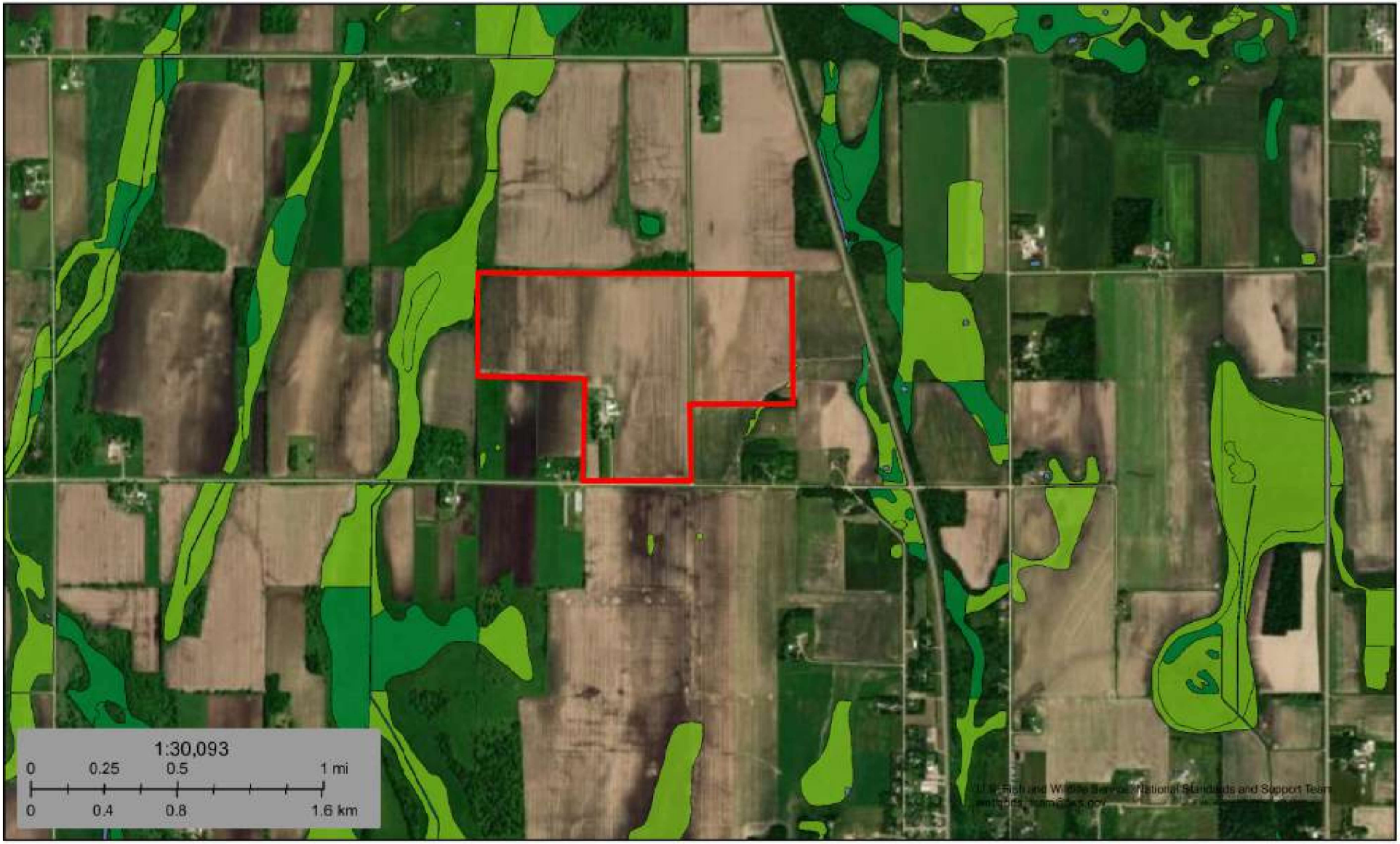
MN Department of Agriculture | Minnesota Department of Health, Source Water Protection | Earthstar Geographics |


MDH
Minnesota Department of Health
Minnesota Well Index
Search by
Zoom to
Tools
Base Maps
Other Links
Help
Eagle Bend
MN Department of Health, Minnesota Geological Survey, University of Minnesota and the Minnesota Department of Health, Environmental Health Division
esri

U.S. Fish and Wildlife Service

National Wetlands Inventory

Eagle Bend USFWS Mapper



October 2, 2025

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Pipeline and Hazardous Materials Safety Administration

NATIONAL PIPELINE MAPPING SYSTEM



Legend

- Accidents (Liquid)
- Incidents (Gas)
- LNG Plants
- Breakout Tanks
- Gas Transmission Pipelines
- Hazardous Liquid Pipelines
- Abandoned Pipelines

500 m
1000 ft

Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.

Questions regarding this map or its contents can be directed to npms@dot.gov

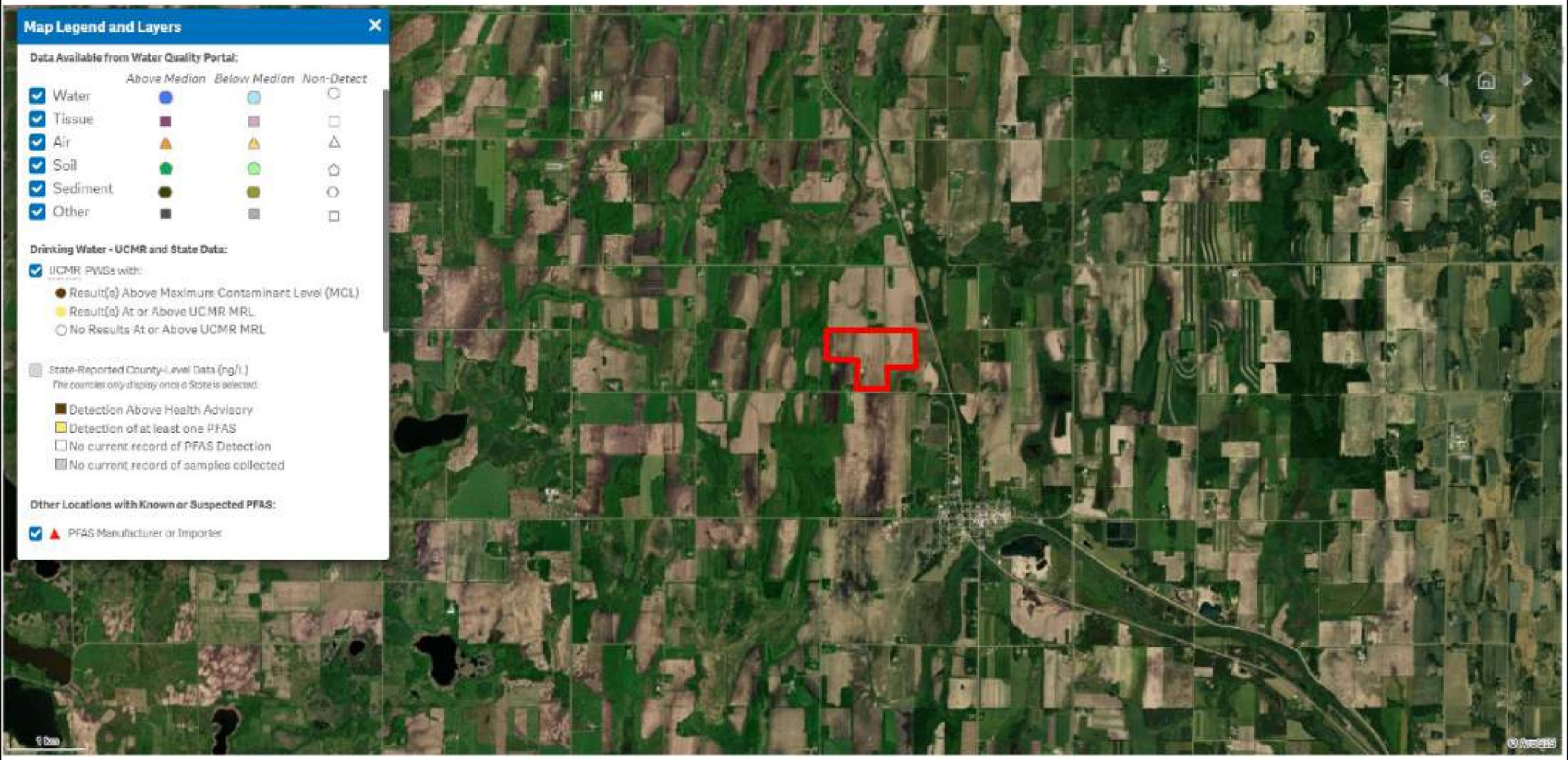
Projection: Web Mercator

Datum: WGS84

Map produced by the Public Viewer application at www.npms.phmsa.dot.gov

World Imagery map service data is attributed to Esri, Maxar, Earthstar Geographics, and the GIS User Community.

Date Printed: Oct 02, 2025


Map Legend and Layers
Data Available from Water Quality Portal:
Above Median
Below Median
Non-Detect
Water
Tissue
Air
Soil
Sediment
Other
Drinking Water - UCMR and State Data:
UCMR PWSs with:
Result(s) Above Maximum Contaminant Level (MCL)
Result(s) At or Above UCMR MRL
No Results At or Above UCMR MRL
State-Reported County-Level Data (ng/L)
The counties only display once a State is selected.
Detection Above Health Advisory
Detection of at least one PFAS
No current record of PFAS Detection
No current record of samples collected
Other Locations with Known or Suspected PFAS:
PFAS Manufacturer or Importer

Outlook

Information Request Confirmation

From Do Not Reply <webadmin.pca@state.mn.us>
Date Mon 10/6/2025 4:17 PM
To RecordsManagementIntakeTriage.PCA@state.mn.us <RecordsManagementIntakeTriage.PCA@state.mn.us>; Mike Deal <michael.deal@westwoodps.com>

CAUTION: External Sender. Please do not click on links or open attachments from senders you do not trust.

Thank you for submitting your request for information from the Minnesota Pollution Control Agency. We have assigned a file manager to start gathering your information and work on your request. Your file manager will notify you if your request is expected to accrue fees and provide an opportunity to narrow the scope of your request.

MPCA Intake/Triage contact information:

Email: RecordsManagementIntakeTriage.PCA@state.mn.us

MPCA Phone: 651-757-2728 or 1-844-828-0942

Requestor Information

Requester name
Michael Deal

Date
2025-10-06

Requester email address
michael.deal@westwoodps.com

Phone number
248-207-8534

Organization name
Westwood Professional Services

Organization or requester billing address
2901 Dallas Pkwy Suite 400, Plano, TX 75093

Site/Facility name

Jean Greenwaldt

Site address/location
14910 380th St

City
Eagle Bend

Zip Code
56446

County
Todd

Current public notice item:
No

Area of interest
Site assessment

Information requested - Describe the information that you need (be as specific as you can):
Hello there,
I'd like to request land and environmental records related to the referenced location and it's occupying parcel. Thank you very much!

Yes - I acknowledge and agree by submitting this information request form that I may be subject to costs as per the current costs schedule. I also agree to pay all costs within 30 days of the invoice date.
Yes

Appendix F: Resumes

Westwood

MICHAEL W. DEAL II

Environmental Scientist – Plano, Texas

Mr. Deal is an Environmental Scientist for Westwood's Plano, Texas office. He has one year of experience as an Environmental Scientist for the Due Diligence and Environmental Services departments, including experience with Phase 1 Environmental Site Assessments (ESAs) and Wetland Delineations throughout the United States. Mr. Deal also has experience with and knowledge of Spill Prevention Control and Countermeasure (SPCC) Plans, Stormwater Pollution Prevent Plans (SWPPPs) and waste characterization.

Education

- B.S., Environmental Science – Water Resources, Sam Houston State University, Huntsville, Texas, 2023

Certifications

- Basic Wetland Delineator – Wetland Training Institute, Stevens Point, Wisconsin, March 2024
- 40 Hour HAZWOPER Certification – Safety Unlimited, Inc., Simi Valley, California, January 2025

EXPERIENCE

Westwood Professional Services January 2024 – Present
Environmental Scientist

Westwood Professional Services June 2022 – August 2022 & May 2023 – August 2023
Environmental Intern

Westwood

Jack Belvedere, ASTM-CEP

Senior Environmental Scientist – Minneapolis, Minnesota

Mr. Belvedere is an environmental scientist for Westwood out of the Minneapolis, Minnesota office. He has over five years of experience in environmental due diligence, including site assessments, and technical report writing. Mr. Belvedere has conducted numerous of ASTM E1527, and ASTM E2247 compliant Phase I Environmental Site Assessments (ESAs) throughout the United States. He is also proficient in conducting environmental field surveys, soil sampling, and groundwater sampling.

EDUCATION

- B.S., Environmental Science, University of Minnesota Duluth, Duluth, Minnesota, 2018

CERTIFICATIONS

- ASTM Certified Environmental Professional: September 2025 - Present

EXPERIENCE

Westwood Professional Services — July 2025 – Present
Senior Environmental Scientist

Westwood Professional Services — May 2018 – July 2025
Environmental Scientist

Westwood

12701 Whitewater Drive, Suite 300
Minnetonka, MN 55343

Main (952) 937-5150
Fax (952) 937-5822

westwoodps.com
(888) 937-5150

MEMORANDUM

Date: October 24, 2025

Re: Wetland Delineation Report
USS Eagle Bend Solar LLC Project

Westwood File 0046040.00

To: Kasen Christiansen, Todd County SWCD

Cc: Luke Gildemeister, USS Eagle Bend Solar LLC

From: Malia Stone

Please find enclosed the Joint Application form for Activities Affecting Water Resources in Minnesota and the Wetland Delineation Report for the USS Eagle Bend Solar LLC Project, which is located in Todd County, Minnesota. With this submittal the Applicant is requesting delineation concurrence and wetland type confirmation for the delineation.

Please review the enclosed documents and feel free to contact me with questions at (507) 412-3292.

PART ONE: Applicant Information

If applicant is an entity (company, government entity, partnership, etc.), an authorized contact person must be identified. If the applicant is using an agent (consultant, lawyer, or other third party) and has authorized them to act on their behalf, the agent's contact information must also be provided.

Applicant/Landowner Name: Luke Gildemeister
Mailing Address: 323 N Washington Ave. Suite 350, Minneapolis, MN 55401
Phone: 612-230-0172
E-mail Address: Luke.gildemeister@us-solar.com

Authorized Contact (do not complete if same as above):
Mailing Address:
Phone:
E-mail Address:

Agent Name: Malia Stone
Mailing Address: 12701 Whitewater Drive, Suite 300, Minnetonka, MN 55343
Phone: 507-412-3292
E-mail Address: Malia.stone@westwoodps.com

PART TWO: Site Location Information

County: Todd **City/Township:** Wykeham Township
Parcel ID and/or Address:
Legal Description (Section, Township, Range): Sections 2 & 3, T1131N, R35W
Lat/Long (decimal degrees): 46.184473, -95.052042
Attach a map showing the location of the site in relation to local streets, roads, highways.
Approximate size of site (acres) or if a linear project, length (feet): 113.5 acres

If you know that your proposal will require an individual Permit from the U.S. Army Corps of Engineers, you must provide the names and addresses of all property owners adjacent to the project site. This information may be provided by attaching a list to your application or by using block 25 of the Application for Department of the Army permit which can be obtained at:

http://www.mvp.usace.army.mil/Portals/57/docs/regulatory/RegulatoryDocs/engform_4345_2012oct.pdf

PART THREE: General Project/Site Information

If this application is related to a delineation approval, exemption determination, jurisdictional determination, or other correspondence submitted ***prior to*** this application then describe that here and provide the Corps of Engineers project number.

Describe the project that is being proposed, the project purpose and need, and schedule for implementation and completion. The project description must fully describe the nature and scope of the proposed activity including a description of all project elements that effect aquatic resources (wetland, lake, tributary, etc.) and must also include plans and cross section or profile drawings showing the location, character, and dimensions of all proposed activities and aquatic resource impacts.

PART FOUR: Aquatic Resource Impact[1] Summary

If your proposed project involves a direct or indirect impact to an aquatic resource (wetland, lake, tributary, etc.) identify each impact in the table below. Include all anticipated impacts, including those expected to be temporary. Attach an overhead view map, aerial photo, and/or drawing showing all of the aquatic resources in the project area and the location(s) of the proposed impacts. Label each aquatic resource on the map with a reference number or letter and identify the impacts in the following table.

Aquatic Resource ID (as noted on overhead view)	**Aquatic Resource Type** (wetland, lake, tributary etc.)	**Type of Impact** (fill, excavate, drain, or remove vegetation)	**Duration of Impact** Permanent (P) or Temporary (T)[1]	**Size of Impact**[2]	**Overall Size of Aquatic Resource** [3]	**Existing Plant Community Type(s)** in Impact Area[4]	**County, Major Watershed #, and Bank Service Area #** of Impact Area[5]

[1]If impacts are temporary; enter the duration of the impacts in days next to the "T". For example, a project with a temporary access fill that would be removed after 220 days would be entered "T (220)".
[2]Impacts less than 0.01 acre should be reported in square feet. Impacts 0.01 acre or greater should be reported as acres and rounded to the nearest 0.01 acre. Tributary impacts must be reported in linear feet of impact and an area of impact by indicating first the linear feet of impact along the flowline of the stream followed by the area impact in parentheses). For example, a project that impacts 50 feet of a stream that is 6 feet wide would be reported as 50 ft (300 square feet).
[3]This is generally only applicable if you are applying for a de minimis exemption under MN Rules 8420.0420 Subp. 8, otherwise enter "N/A".
[4]Use *Wetland Plants and Plant Community Types of Minnesota and Wisconsin* 3rd Ed. as modified in MN Rules 8420.0405 Subp. 2.
[5]Refer to Major Watershed and Bank Service Area maps in MN Rules 8420.0522 Subp. 7.

If any of the above identified impacts have already occurred, identify which impacts they are and the circumstances associated with each:

PART FIVE: Applicant Signature

☐ Check here if you are requesting a pre-application consultation with the Corps and LGU based on the information you have provided. Regulatory entities will not initiate a formal application review if this box is checked.

By signature below, I attest that the information in this application is complete and accurate. I further attest that I possess the authority to undertake the work described herein.

Signature: _____ Date:

I hereby authorize Westwood to act on my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this application.

[1] The term "impact" as used in this joint application form is a generic term used for disclosure purposes to identify activities that may require approval from one or more regulatory agencies. For purposes of this form it is not meant to indicate whether or not those activities may require mitigation/replacement.

Attachment A
Request for Delineation Review, Wetland Type Determination, or Jurisdictional Determination

By submission of the enclosed wetland delineation report, I am requesting that the U.S. Army Corps of Engineers, St. Paul District (Corps) and/or the Wetland Conservation Act Local Government Unit (LGU) provide me with the following (check all that apply):

☒ **Wetland Type Confirmation**

☒ **Delineation Concurrence**. Concurrence with a delineation is a written notification from the Corps and a decision from the LGU concurring, not concurring, or commenting on the boundaries of the aquatic resources delineated on the property. Delineation concurrences are generally valid for five years unless site conditions change. Under this request alone, the Corps will not address the jurisdictional status of the aquatic resources on the property, only the boundaries of the resources within the review area (including wetlands, tributaries, lakes, etc.).

☐ **Preliminary Jurisdictional Determination**. A preliminary jurisdictional determination (PJD) is a non-binding written indication from the Corps that waters, including wetlands, identified on a parcel may be waters of the United States. For purposes of computation of impacts and compensatory mitigation requirements, a permit decision made on the basis of a PJD will treat all waters and wetlands in the review area as if they are jurisdictional waters of the U.S. PJDs are advisory in nature and may not be appealed.

☐ **Approved Jurisdictional Determination**. An approved jurisdictional determination (AJD) is an official Corps determination that jurisdictional waters of the United States are either present or absent on the property. AJDs can generally be relied upon by the affected party for five years. An AJD may be appealed through the Corps administrative appeal process.

In order for the Corps and LGU to process your request, the wetland delineation must be prepared in accordance with the 1987 Corps of Engineers Wetland Delineation Manual, any approved Regional Supplements to the 1987 Manual, and the *Guidelines for Submitting Wetland Delineations in Minnesota* (2013).
http://www.mvp.usace.army.mil/Missions/Regulatory/DelineationJDGuidance.aspx

WETLAND DELINEATION REPORT

USS Eagle Bend Solar LLC Project

Todd County, Minnesota

OCTOBER 24, 2025

PREPARED FOR:
USS Eagle Bend Solar LLC
323 N Washington Ave. Suite 350
Minneapolis, MN 55401

PREPARED BY:
Westwood

Westwood

Wetland Delineation Report

USS Eagle Bend Solar LLC Project

Todd County, Minnesota

Prepared For:

USS Eagle Bend Solar LLC
323 N Washington Ave. Suite 350
Minneapolis, MN 55401

Prepared By:

Westwood Professional Services, Inc.
12701 Whitewater Drive
Suite 300
Minnetonka, MN 55343
(952) 937-5150

Project Number: R0070280.00
Date: October 24, 2025

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3.0 Field Delineation Methodology 1
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Tables

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Figures

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Exhibits

Exhibit 1: Project Location and USGS Topography
Exhibit 2: Water Resources
Exhibit 3: Soils
Exhibit 4: Suspect Areas
Exhibit 5: Field Delineated Features

Appendices

Appendix A: Wetland Delineation Data Forms & Photographs
Appendix B: Non-Wetland Photographs & Data Forms
Appendix C: Watercourse Data Forms & Photographs
Appendix D: Non-Watercourse Photographs
Appendix E: Offsite Hydrology Review

1.0 Introduction and Purpose

USS Eagle Bend Solar LLC contracted Westwood Professional Services to delineate wetlands and other waters for the USS Eagle Bend Solar LLC Project (Project). A delineation was completed within a 113.5-acre "Delineation Area" (**Exhibit 1**).

The purpose of this report, the attached exhibits, data forms and appendices, is to identify and document the location and extent of the regulated aquatic resources under state and federal regulatory programs within Delineation Area. This report provides the required documentation for wetland boundary determinations in conformance with the United States Army Corps of Engineers (USACE) Wetlands Delineation Manual (Environmental Laboratory, Waterways Experiment Station, 1987) and the Regional Supplement to the USACE Wetland Delineation Manual: Northcentral and Northeast Regional Supplement (US Army Engineer Research and Development Center, 2010). This report also addresses determinations for "Ordinary High-Water Marks" (OHWM) related to Clean Water Act and Rivers and Harbors Act jurisdiction.

2.0 Site Location and Description

The Site is located in Sections 2 & 3, T1131N, R35W, Todd County, Minnesota (**Exhibit 1**). The site consists of agricultural fields which are split by 151st Avenue with a small location of woodland in the southeast corner. Topography is undulating throughout the site, with the highest point located in the center of the Delineation Area with topography sloping downward towards the eastern and western borders. Elevations range from 1,408 feet to 1,452 feet above mean sea level (msl). Adjacent land use consists of a combination of upland and riparian woods, consistent agriculture, and rural farmsteads.

The Delineation Area is situated in the Wadena/Todd Drumlins and Osakis Till Plain (Level IV Ecoregion 51l) of the North Central Hardwood Forests Ecoregion (White, 2020). The topography is gently rolling with sections of drumlins, and the soils are a mix of forest Udalfs and moist prairie Udolls. The landscape at pre-settlement was a mixture of tallgrass prairie, brush prairie, and oak openings and savannas.

3.0 Field Delineation Methodology

3.1 Mapping

Prior to delineating wetland boundaries in the field, the National Wetlands Inventory (NWI) mapping (**Exhibit 2**), the National Hydrography Dataset (NHD) (**Exhibit 2**), the Federal Emergency Management Agency Flood Insurance Rate Map (FIRM) (**Exhibit 2**), Minnesota's Public Waters Inventory (PWI), and the Natural Resource Conservation Service (NRCS) Soil Survey Geographic database (SSURGO2) for Todd County (**Exhibit 3**) were reviewed. Elevation mapping was completed using contours from the USGS 3D Elevation Program (**Exhibit 4**).

3.2 Antecedent Precipitation

Antecedent precipitation data was evaluated for 90 days prior to the site visit using the *Antecedent Precipitation Tool* (APT) developed by the USACE. The APT facilitates the

comparison of antecedent or recent rainfall conditions for a given location to the range of normal rainfall conditions that occurred during the preceding 30 years.

3.3 Offsite Hydrology Review

Westwood reviewed historical aerial photography to identify potential wetlands in cultivated portions of the property using the July 1st, 2016, Minnesota Board of Water and Soil Resources (BWSR)/USACE-accepted protocol for conducting off-site wetland determinations, *Guidance for Offsite Hydrology/Wetland Determinations*. A total of 12 different years were reviewed.

3.4 Wetland Delineation Methodology

Westwood conducted the wetland delineation in one (1) site visit occurring on October 8, 2025. Wetlands in the Delineation Area were delineated using a level two routine determination method set forth in the USACE Wetlands Delineation Manual (Corps of Engineers, 1987) and the supplemental methods set forth in the Regional Supplement to the USACE Wetland Delineation Manual: Northcentral and Northeast Region (Corps of Engineers, 2010). Potential wetland areas were evaluated for the presence of hydric soils, wetland hydrology, and a predominance of hydrophytic vegetation. Data forms and photographs from the delineation are included in **Appendix A**.

Wetlands, if encountered were classified according to Wetlands of the United States (U.S. Fish and Wildlife Service Circular 39; Shaw and Fredine; 1971), Classification of Wetlands and Deepwater Habitats of the United States (FWS/OBS Publication 79/31; Cowardin et. al. 1979), and the Hydrogeomorphic Approach for Assessing Wetland Functions (Brinson, M.M. 1993). Wetland plant community types were classified according to Wetland Plants and Plant Communities of Minnesota and Wisconsin (Eggers and Reed, 2015). Data sample locations and wetland boundaries were located and recorded using a Panasonic Toughbook Tablet paired with an EOS Arrow 100 global positioning system (GPS) device capable of sub-meter accuracy.

Common names and scientific names for vegetation identified in this report and on the attached data forms generally correspond with the nomenclature used in the 2022 National Wetland Plant List (NWPL) (U.S. Army Corps of Engineers, 2024). Plant wetland indicator status was based upon the Northcentral and Northeast rankings. Species dominance for vegetation measurements were based on the percent absolute coverage visually estimated within a 30-foot radius of the sample point location for the tree and vine layers, a 15-foot radius for the shrub layer, and a five-foot radius for the herbaceous layer.

Soil and hydrology data were collected in soil pits or soil borer holes to a minimum depth of 24 inches within each sample plot. Procedures for identifying hydric soils as outlined in the Field Indicators of Hydric Soils in the United States Version 9.0 (USDA NRC, 2024) were utilized. Soil colors were evaluated using a Munsell Soil Color Chart. Primary and secondary indicators of hydrology were also noted at each sample plot.

"Non-wetland sample points" were gathered in areas identified on the NWI dataset, NHD dataset, or areas that appeared as aerial signatures in reviews of historical imagery. These areas did not exhibit all three parameters (vegetation, hydrology, soils) to be considered wetland. Photographs and data forms documenting upland characteristics are included in **Appendix B**.

3.5 Ordinary High Water Mark Determinations

Some drainages within the Project were considered non-wetland, non-potential Waters of the United States (WOTUS,) as they may not exhibit all parameters required for regulatory wetlands (i.e., predominance of hydrophytes, hydric soils, and jurisdictional hydrology). Accordingly, their boundaries were delineated in the field by documenting their "ordinary high-water marks" (OHWMs), as determined according to the USACE Regulatory Guidance Letter No. 05-05 (U.S. Army Corps of Engineers, 2005).

USACE regulations set forth at 33 CFR 328.3(e) defines the OHWM for purposes of Clean Water Act lateral jurisdiction:

> The term "ordinary high-water mark" means that line on the shore established by the fluctuations of water and indicated by physical characteristics such as a clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas.

USACE Regulatory Guidance Letter No. 05-05 (U.S. Army Corps of Engineers, 2005) indicates the following physical characteristics are deemed reasonably reliable, and therefore presence of these characteristics was evaluated in the field when making OHWM determinations for drainages in the Delineation Area:

- Natural line impressed on the bank
- Changes in the character of soil
- Presence of litter and debris
- Vegetation matted down, bent, or absent
- Leaf litter disturbed or washed away
- Deposition
- Bed and banks
- Change in plant community
- Shelving
- Destruction of terrestrial vegetation
- Wracking
- Sediment sorting
- Scour
- Multiple observed flow events
- Water staining

Delineated watercourse boundaries, if found, were mapped in the field using a Panasonic Toughbook® tablet and EOS Arrow 100® unit capable of sub-meter accuracy (**Exhibit 4**). Datasheets documenting the characteristics of the watercourses and photographs of the watercourses were collected and are included in **Appendix C.**

"Non-watercourse sample points", if taken, were surveyed in topographical areas indicative of potential drainages, based on NHD/NWI datasets, historical aerial imagery, and observations in the field. Non-watercourse points were determined by observations of no ordinary high-water marks (OHWM). Photographs of non-watercourse points are included in **Appendix D.**

4.0 Results

4.1 Mapping

NWI data mapped three (3) features which intersect the Delineation Area. These features were classified as Freshwater Emergent Wetlands (**Exhibit 2**). NHD data identified one flowline in the southeast corner of the Delineation Area (**Exhibit 2**). No NHD waterbodies were identified in the Delineation Area. Minnesota PWI data did not map any watercourses or water basins within the Delineation Area.

No areas of 100-year floodplain were mapped within the Delineation Area (**Exhibit 2**).

The NRCS SSURGO2 for Todd County indicates that the soils listed in **Table 4.1** are mapped within the Delineation Area (**Exhibit 3**). Based on the NRCS Web Soil Survey Hydric Rating, the majority of the Delineation Area was located within predominately non-hydric or non-hydric soil units (**Exhibit 3**).

Table 4.1: Soil Summary Table

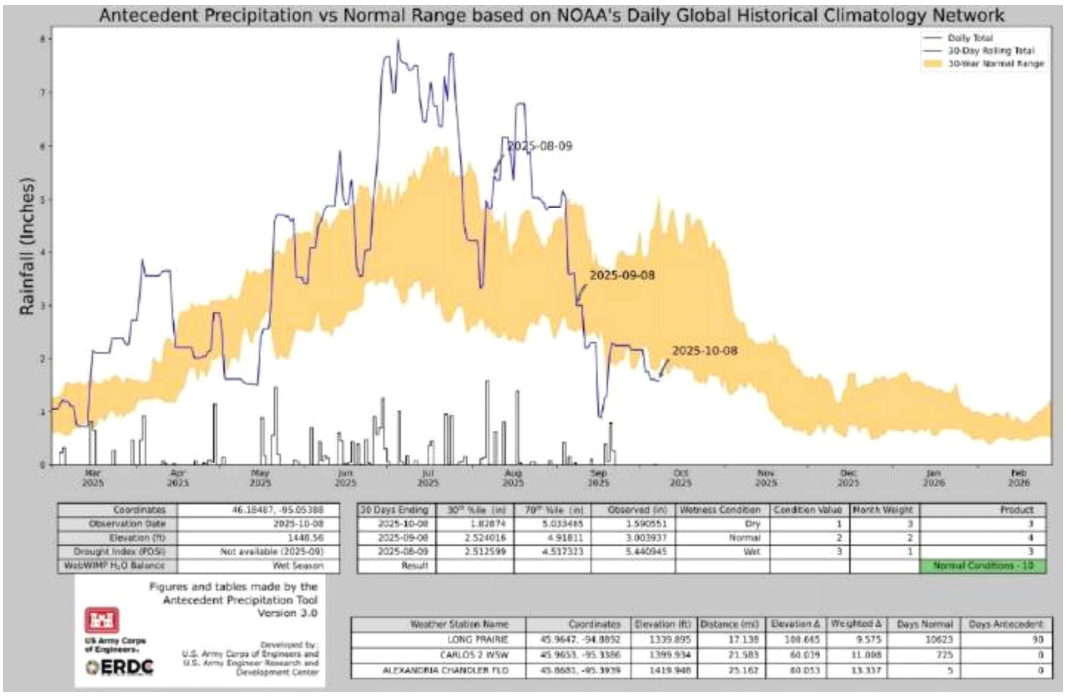
Map Symbol[1]	Map Unit Name[2]	Rating[2]	Percent Hydric Soil[3]
1927	Clotho sandy loam	Predominantly Hydric	90
374B	Rockwood soils, 2 to 6 percent slopes	Non-Hydric	0
701	Runeberg sandy loam, depressional	Predominantly Hydric	94
703	Paddock-Becida, stony, complex, 0 to 3 percent slopes	Partially Hydric	47
720B	Blowers soils, 1 to 6 percent slopes	Predominantly Non-Hydric	3

[1] – Soils determined using GIS geospatial query clipping the NRCS Soil Survey Geographic (SSURGO2) spatial data by Project boundaries.
[2] – As indicated in the SSURGO2 database.
[3] – Where percentages are small (e.g., < 15 %) the hydric soil is likely an inclusion that is not recognized in the map unit name. The absence of a value does not necessarily indicate the absence of hydric soils, but that the relative percentages of included minor soils have not been determined.

4.2 Antecedent Precipitation

Antecedent precipitation data was available for the 90 days prior to the site visit using data from the U.S. Army Corps of Engineers Antecedent Precipitation Tool V3.0. **Figure 4.2** displays the tool's output. The tool indicates that antecedent precipitation was considered normal for the 90 days prior to the delineation.

Figure 4.2: Antecedent Precipitation Graph



4.3 Offsite Hydrology Review

The Site was reviewed against 12 years of aerial imagery prior to the field delineation. Three (3) suspect areas were identified (Areas 1-3) in the cropped portions of the Site (**Exhibit 4**). The results of the offsite hydrology review are included in **Appendix E**. While not all suspect areas within the Delineation Area had enough signatures in normal years to require field confirmation, all were investigated in the field.

4.4 On-Site Delineation Results

On October 8, 2025, Westwood delineated three (3) wetlands totaling 6.27 acres and one (1) watercourse totaling 0.065-acre (437 linear feet) within the Delineation Area (**Exhibit 5**).

Wetlands

Three (3) wetland features totaling 6.27 acres were delineated throughout the Delineation Area. Most of these wetlands can be characterized as emergent wetlands located in agricultural row cropland. Data on each wetland is included on data forms in **Appendix A**. A summary of the delineated wetland features is included in **Table 4.2**.

Table 4.2: Field-Delineated Wetland Characteristics Summary Table

Wetland ID	Area (Acres)	Mapped on NWI	Cowardin Classification	Eggers and Reed Community	HGM	Circular 39	Latitude	Longitude
WB-01A	0.33	Yes	PEM1B	Fresh Wet Meadow	Sloped	Type 2	46.182542	-95.048071
WB-01B	1.05	Yes	PEM1Af	Seasonally Flooded Basin	Sloped	Type 1	46.182939	-95.04759
WB-02	0.37	No	PEM1Af	Seasonally Flooded Basin	Sloped	Type 1	46.183224	-95.059297
WB-03A	3.22	No	PEM1Af	Seasonally Flooded Basin	Sloped	Type 1	46.184444	-95.062013
WB-03B	1.29	Yes	PEM1B	Fresh Wet Meadow	Sloped	Type 2	46.185802	-95.062558

*Wetland Classes: **PEM1A**- Palustrine, Emergent Vegetation, Persistent, Temporarily Flooded; **PEM1B** – Palustrine, Emergent Vegetation, Persistent, Saturated.*
*Special Modifiers: **f** – farmed.*

Watercourses

Westwood delineated one (1) watercourse totaling 0.065-acre (437 linear feet) within the Delineation Area. Delineated watercourse **WC-01** was classified as an intermittent stream. Photographs and data forms documenting the OHWM characteristics of delineated watercourses are included in **Appendix C** of this report.

Non-Wetlands and Non-Watercourses

One (1) non-wetland sample point was gathered within the Delineation Area. Additionally, two (2) non-watercourse sample points were collected within the Delineation Area. Data forms and photographs were gathered at the non-wetland sample location and are included in **Appendix B**. Photographs were gathered at each non-watercourse sample point and are included in **Appendix D**.

5.0 Conclusions

Westwood determined there to be three (3) wetlands totaling 6.27 acres and one (1) watercourse totaling 0.065-acre (437 linear feet) within the USS Eagle Bend Solar LLC Project.

Westwood requests that the LGU and the USACE review and process this report with the provided Joint Application Form and provide written concurrence that the extent of potentially jurisdictional water resources have been accurately identified. Please consider this report a formal Wetland Boundary request pursuant to Minn. Rules 8420.0405 and the CWA.

6.0 Certification

I certify that, to the best of my knowledge and belief, the wetland delineation completed for this Site is consistent with current wetland delineation practices and guidelines. I have the specific qualifications, education, training, and experience to complete wetland delineations and determinations in accordance with federal and state requirements.

Sincerely,

WESTWOOD PROFESSIONAL SERVICES



Malia Stone
Wetland Scientist
Certified Minnesota Wetland Professional In-Training #5620
SWS Wetland Professional In-Training (WPIT)

7.0 References

Brinson, M.M. 1993. A hydrogeomorphic classification for wetlands. WRP-DE-4. Vicksburg, MS: U.S. Army Engineer Waterways Experiment Station.

Cowardin, L.M. , V.M. Carter , F.C. Golet , and E.T. LaRoe . 1979. Classification of Wetlands and Deepwater Habitats of the United States. U.S. Fish and Wildlife Service, Biological Services Program, Washington, DC, USA. FWS/OBS-79/31. 103pp.

Eggers, Steve and Donald Reed. 2011. Wetland Plants and Plant Communities of Minnesota and Wisconsin – 3rd Edition. St. Paul District, U.S. Army Corps of Engineers, St. Paul, MN 478 pp.

Environmental Laboratory. 1987. Corps of Engineers Wetlands Delineation Manual. Technical Report Y-87-1, U.S. Army Engineer Waterways Experiment Station, Vicksburg, MS.

Gutenson, J. L., C. O. Hamilton, and J. C. Deters. 2025. Antecedent Precipitation Tool (APT) Version 3.0: Technical and User Guide. ERDC/TN WRAP-23-2. Vicksburg, MS: US Army Engineer Research and Development Center. https://github.com/erdc/Antecedent-Precipitation-Tool/releases/tag/v2.9.0.

Lichvar, R.W., D.L. Banks, W.N. Kirchner, and N.C. Melvin. 2018. The National Wetland Plant List: 2018 wetland ratings. Federal Register: 1-17. Published 18 May 2020. ISSN 2153 733X.

Minnesota Department of Natural Resources. 2020. [Digital inventory of Minnesota Public Waters]. Public Waters (PW) Basin and Watercourse Delineations. Accessed October 2025.

Shaw, S.P. and C.G. Fredine. 1971. Wetlands of the United States. U.S. Fish and Wildlife Circular 39. U.S. Department of the Interior, Washington, D.C. 67 p.

Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Soil Survey Geographic (SSURGO) Database for Todd County, Minnesota. Available online. Accessed October 2025.

U.S. Department of Agriculture, Farm Service Agency. (2023, 2021, 2019, 2017, 2015, 2013, 2010, 2009, 2008, 2006, 2004, 2005) Todd County, Minnesota aerial photographs. NAIP. Salt Lake City, UT: Aerial Photography Field Office.

U.S. Army Corps of Engineers. National Wetland Plant List Notice. Federal Register. Vol. 89, No. 30. Published 13 February 2024. 10059 p.

U.S. Army Corps of Engineers. 2021. 2020 Update of National Wetland Plant List (NWPL) https://cwbi-app.sec.usace.army.mil/nwpl_static/data/DOC/lists_2020/National/National_2020v1.pdf

U.S. Army Corps of Engineers, St. Paul District and Minnesota Board of Water and Soils Resources. 2016. *Guidance for Offsite Hydrology/Wetland Determinations*.

U. S. Army Corps of Engineers. 2010. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region, ed. J.S. Wakeley, R.W. Lichvar, and C.V. Noble. ERDC/EL TR-10-16. Vicksburg, MS: U.S. Army Engineer Research and Development Center.

U.S. Army Corps of Engineers. 2005. Regulatory Guidance Letter No. 05-05. https://www.nap.usace.army.mil/Portals/39/docs/regulatory/rgls/rgl05-05.pdf

U.S. Department of Agriculture, Natural Resources Conservation Service. 2024. Field Indicators of Hydric Soils in the United States, Version 9.0.

U.S. Department of Homeland Security, Federal Emergency Management Agency. 2023. National Flood Hazard Layer. Accessed October 2025.

U.S. Fish & Wildlife Service. 2018. National Wetlands Inventory. U.S. Fish & Wildlife Service. https://data.nal.usda.gov/dataset/national-wetlands-inventory. Accessed October 2025.

U.S. Geological Survey, Minnesota. 7.5 Minute Series *(Topographic) Maps*. 1:24,000. Reston, VA: United States Department of the Interior, USGS.

U.S. Geological Survey. 2019. National Hydrography Dataset. https://www.usgs.gov/national-hydrography/access-national-hydrography-products. Accessed October 2025.

White, Denis. March 2020. Ecological Regions of Minnesota: Level III and IV maps and descriptions. https://gaftp.epa.gov/EPADataCommons/ORD/Ecoregions/mn/mn_eco_desc.pdf

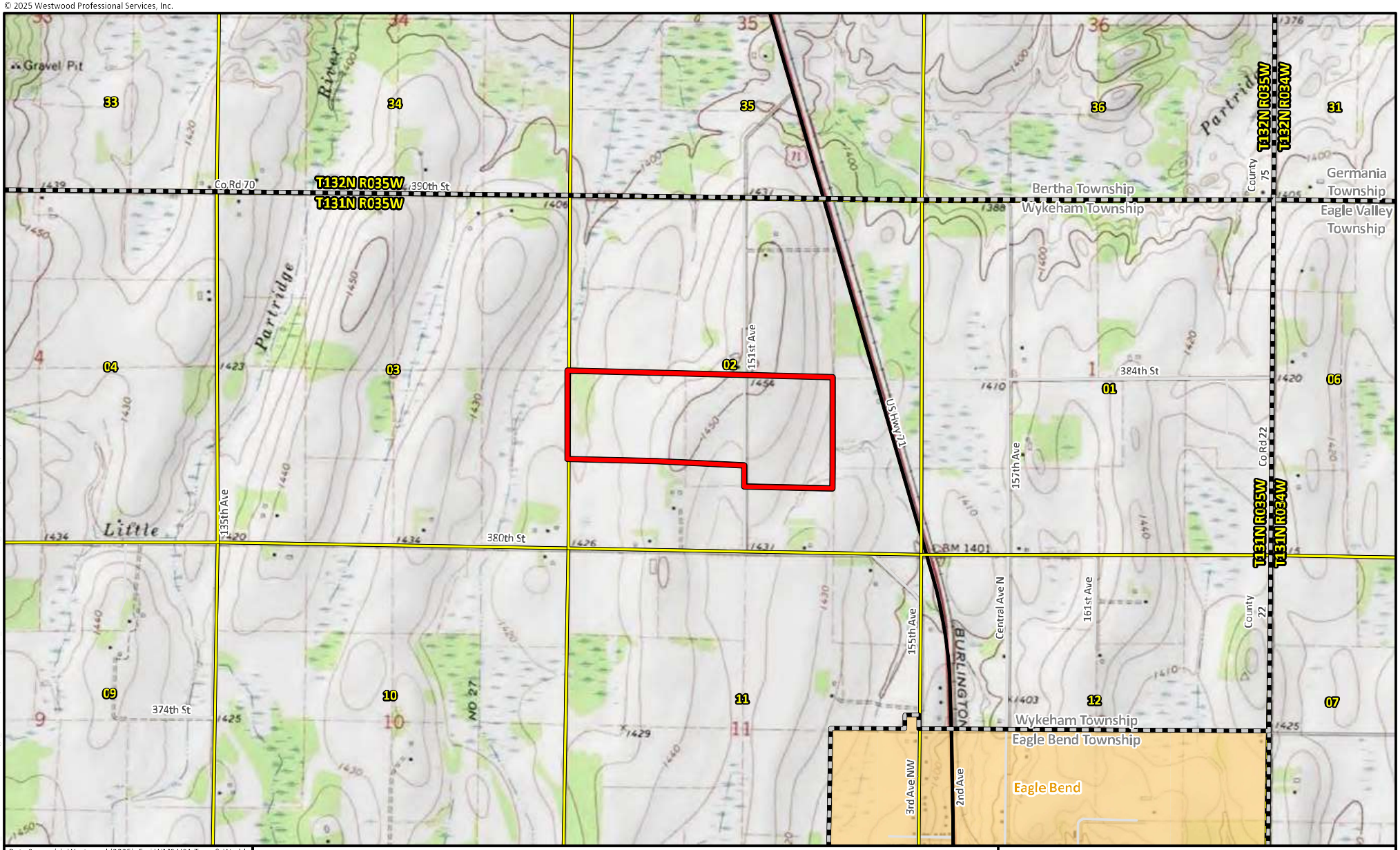
Westwood

Exhibits

USS Eagle Bend Solar LLC Project

Todd County, Minnesota

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Data Source(s): Westwood (2025); Esri WMS USA Topo & World Streets Basemaps (Accessed 2025); PLSS (2024); U.S. Census Bureau (2024); MnDOT (2024).

N

0 2,000 Feet

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USS Eagle Bend Solar LLC Project

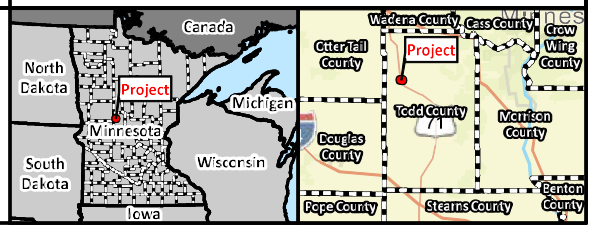
Todd County, Minnesota

Project Location & USGS Topography

Exhibit 1

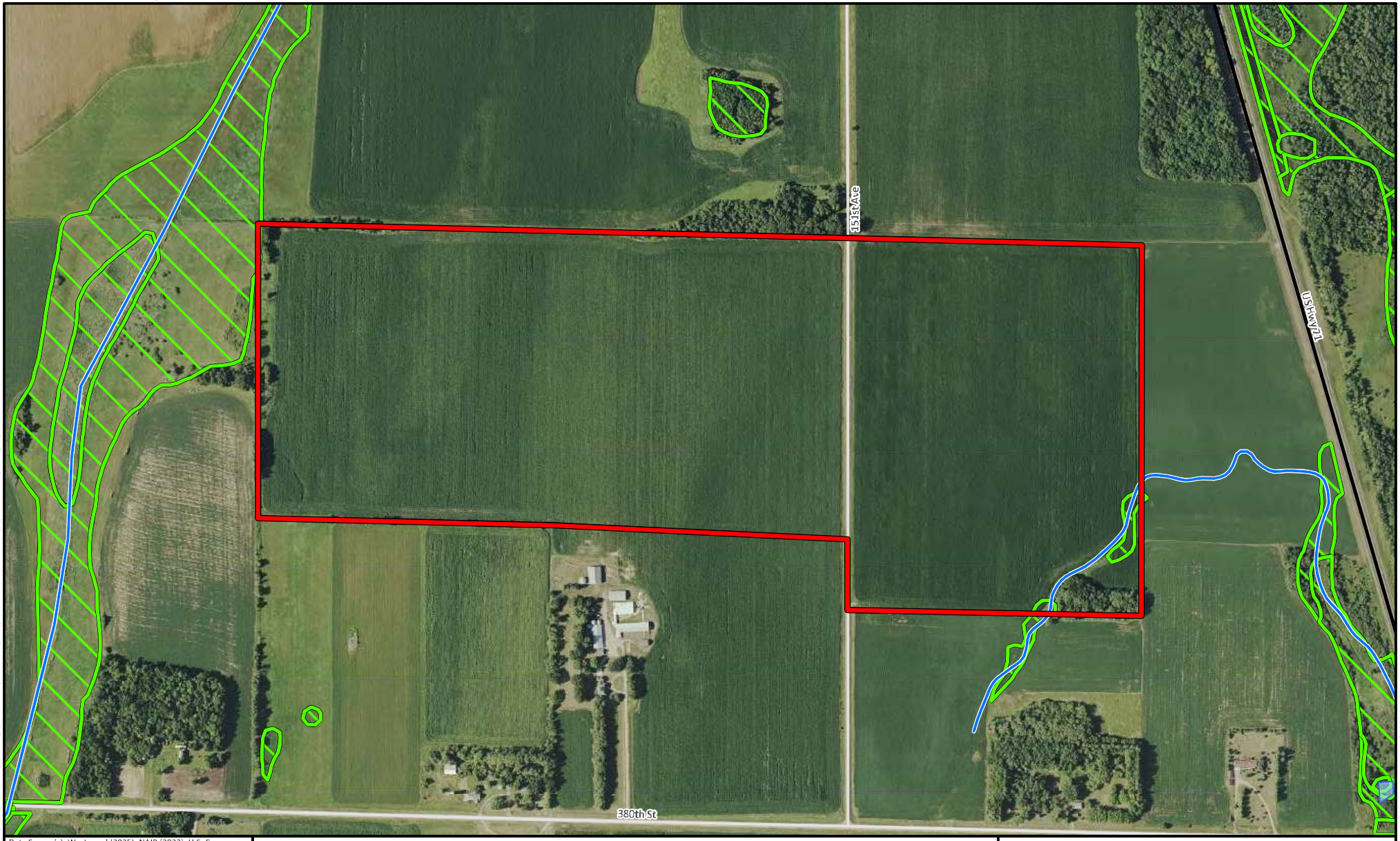
Legend

- Delineation Area
- PLSS Section Boundary
- PLSS Township Boundary
- Civil Township Boundary
- Municipal Boundary
- Major Road
- Road



Map Document: N:\0070280.00_GIS_ArcPro\R0070280_040_WetlandExhibitPhotoIoes_20251020.aprx 10/21/2025 12:31 PM AWestendorf

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Data Source(s): Westwood (2025); NAIP (2023); U.S. Census Bureau (2024); NWI (2024); NHD (2024).

N

0 600 Feet

USS Eagle Bend Solar LLC Project

Todd County, Minnesota

Water Resources

Exhibit 2

Legend

- Delineation Area
- NWI Wetland
- Major Road
- NHD Waterbody
- NHD Flowline
- Road

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Map Document: N:\0070280.00_GIS_ArcPro\R0070280_040_WetlandExhibitsPhotolocs_20251020\R0070280_040_WetlandExhibitsPhotolocs_20251020.aprx 10/22/2025 9:49 AM AWestendorf

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Map Unit Symbol	Map Unit Name	Percent Hydric Classification	Hydric Classification
374B	Rockwood soils, 2 to 6 percent slopes	0	Non-Hydric
720B	Blowers soils, 1 to 6 percent slopes	3	Predominantly Non-Hydric
703	Paddock-Becida, stony, complex, 0 to 3 percent slopes	47	Partially Hydric
1927	Clotho sandy loam	90	Predominantly Hydric
701	Runeberg sandy loam, depressional	94	Predominantly Hydric

Data Source(s): Westwood (2025); NAIP (2024); U.S. Census Bureau (2024); NRCS (Accessed 2025).

N

0 600 Feet

USS Eagle Bend Solar LLC Project | Todd County, Minnesota

Soils | Exhibit 3

Legend

- Delineation Area
- Soil Unit Boundary
- Major Road
- Road

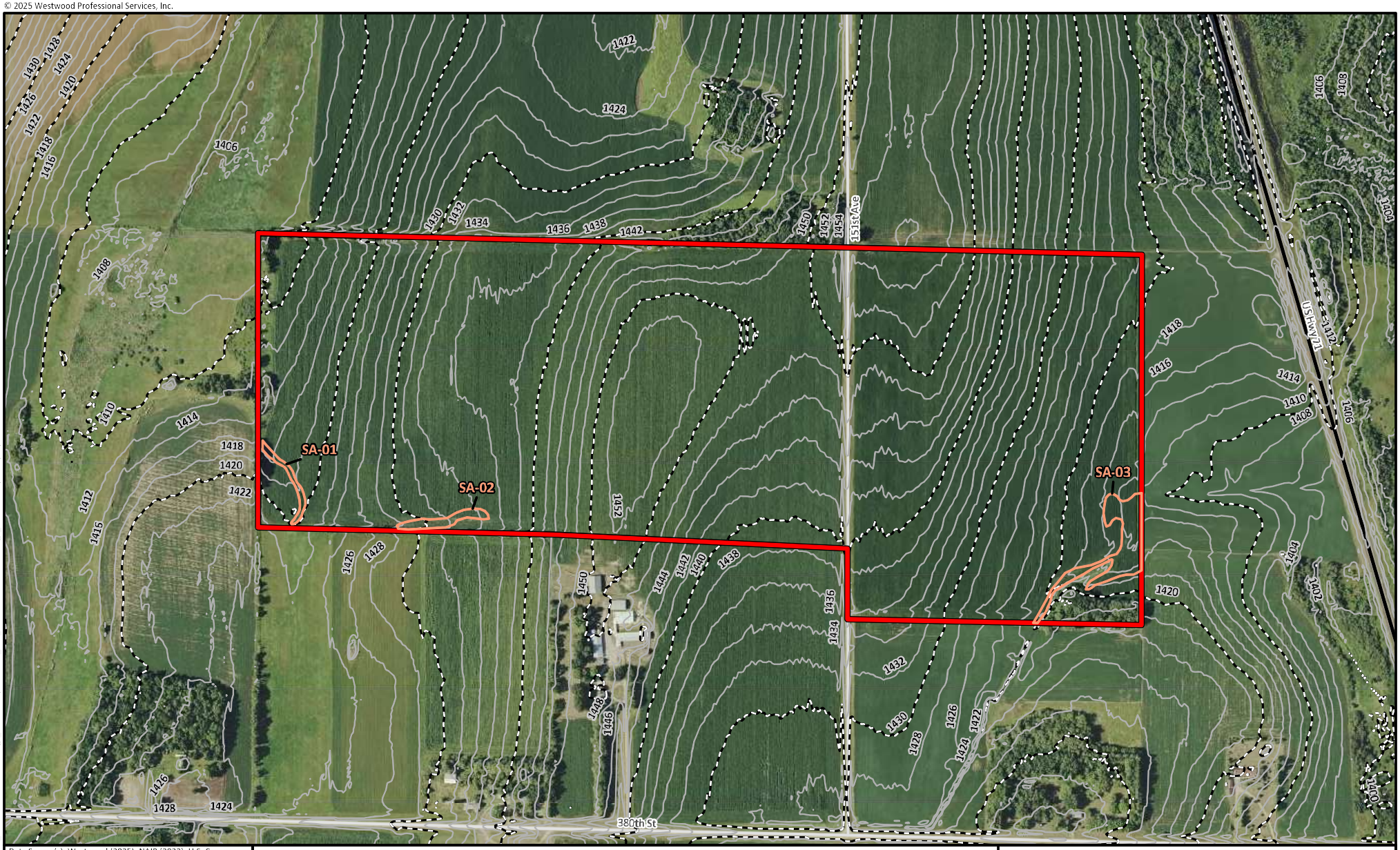
Hydric Classification

- Partially Hydric
- Predominantly Hydric

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Map Document: N:\0070280.00_GIS_ArcPro\R0070280_040_WetlandExhibitPhotoIoes_20251020\R0070280_040_WetlandExhibitPhotoIoes_20251020.aprx 10/21/2025 12:35 PM AWestendorf

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Data Source(s): Westwood (2025); NAIP (2023); U.S. Census Bureau (2024); USGS 3DEP (Accessed 2025).

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USS Eagle Bend Solar LLC Project

Todd County, Minnesota

Suspect Areas

Exhibit 4

Legend

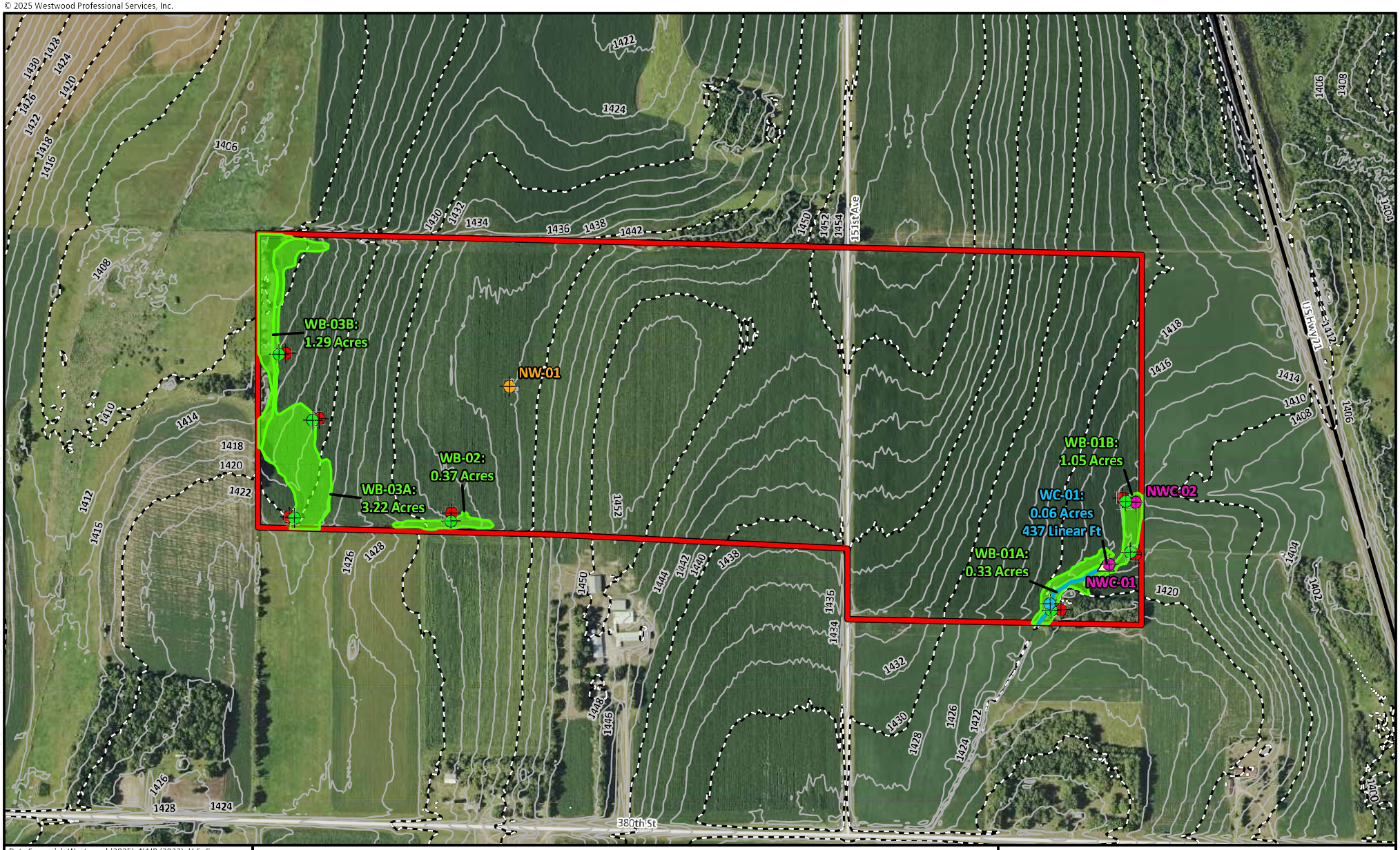
- Delineation Area
- Suspect Area
- 10ft Contour
- 2ft Contour
- Major Road
- Road

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Map Document: N:\0070280.00_GIS_ArcPro\R0070280_040_WetlandExhibitPhotolocs_20251020\R0070280_040_WetlandExhibitPhotolocs_20251020.aprx 10/20/2025 6:10 PM AWestendorf

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USS Eagle Bend Solar LLC Project

Todd County, Minnesota

Field Delineated Features

Exhibit 5

Legend

- Delineation Area
- Field Delineated Watercourse
- Field Delineated Wetland
- 10ft Contour
- 2ft Contour
- Major Road
- Road
- Watercourse
- Wetland
- Upland
- Non-Watercourse
- Non-Wetland
- Drain Tile Inlet/Outlet

Map Document: N:\0070280.00_GIS_ArcPro\R0070280_040_WetlandExhibitPhotoIoes_20251020\R0070280_040_WetlandExhibitPhotoIoes_20251020.aprx 10/21/2025 12:36 PM AWestendorf

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Appendix A

Wetland Delineation Data Forms and Photographs

USS Eagle Bend Solar LLC Project

Todd County, Minnesota

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USS Eagle Bend Solar LLC Project - Delineation Site Photograph

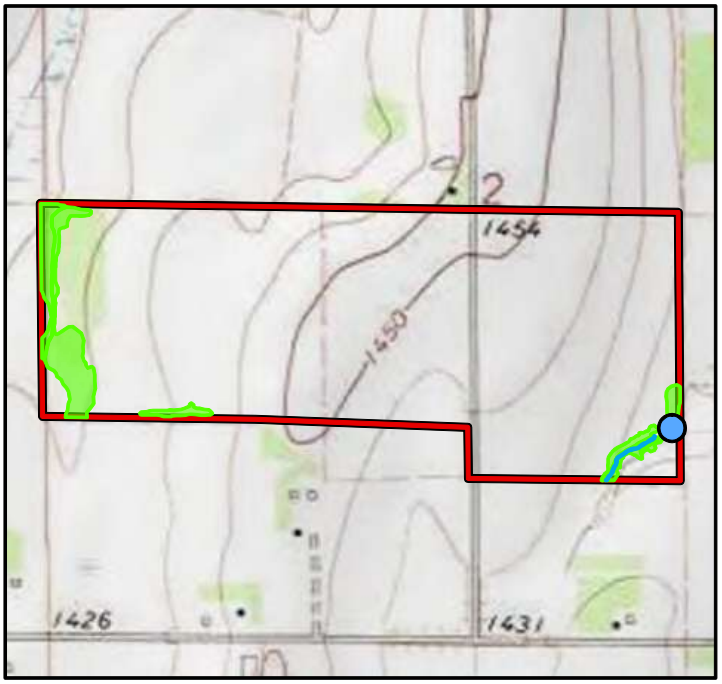
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Wetland

Feature ID: WB-01-wet







Map Document: N:\0070280.000_GIS_ArcPro\R0070280_040_WetlandExhibitsPhotologs_20251020\R0070280_040_WetlandExhibitsPhotologs_20251020.aprx 10/20/2025 4:51 PM AWestendorf

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: USS Eagle Bend Solar LLC Project City/County: Todd County Sampling Date: 2025-10-08

Applicant/Owner: USS Eagle Bend Solar LLC State: Minnesota Sampling Point: WB-01-wet

Investigator(s): Malia Stone Section, Township, Range: sec 02 T131N 035W

Landform (hillside, terrace, etc.): Depression Local relief (concave, convex, none): Concave Slope %: 0-2

Subregion (LRR or MLRA): LRR K, MLRA 57 Lat: 46.182954 Long: -95.047103 Datum: WGS84

Soil Map Unit Name: Runeberg sandy loam, depressional NWI classification: PEM1A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ___ (If no, explain in Remarks.)

Are Vegetation ✓, Soil ✓, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes ___ No ✓

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✓	No ___	**Is the Sampled Area within a Wetland?** Yes ✓ No ___
Hydric Soil Present?	Yes ✓	No ___	If yes, optional Wetland Site ID: WB-01
Wetland Hydrology Present?	Yes ✓	No ___	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ✓ Drift Deposits (B3)
- ✓ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ✓ Stunted or Stressed Plants (D1)
- ✓ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ✓ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ___	No ✓	Depth (inches): ___
Water Table Present?	Yes ___	No ✓	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No ✓	Depth (inches): ___

Wetland Hydrology Present? Yes ✓ No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION – Use scientific names of plants.

Sampling Point: WB-01-wet

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 15' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Herb Stratum (Plot size: 5' radius)			
1. Ranunculus sceleratus	5	Y	OBL
2. Ambrosia trifida	2	Y	FAC
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	7.0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
	0	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	5	x 1 =	5
FACW species	0	x 2 =	0
FAC species	2	x 3 =	6
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column Totals:	7 (A)		11.00 (B)

Prevalence Index = B/A = 1.57

Hydrophytic Vegetation Indicators:

___ 1 - Rapid Test for Hydrophytic Vegetation

✓ 2 - Dominance Test is >50%

✓ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ✓ No ___

Remarks: (Include photo numbers here or on a separate sheet.)

Point taken in planted corn field with some volunteer vegetation present.

SOIL

Sampling Point WB-01-wet

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-18	N 2.5/0	98	10YR 3/6	2	C	M	SIC	
18-24	2.5Y 6/2	70	10YR 5/6	30	C	M	SL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Surface (A11)
- ✓ Thick Dark Surface (A12)
- ___ **Iron Monosulfide (A18)**
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ **Sandy** Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L**)
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ✓ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ Polyvalue Below Surface (S8) (**LRR K, L**) Thin
- ___ Dark Surface (S9) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ✓ **No** ___

Remarks:

Point taken in planted corn field with disturbed soils.

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: USS Eagle Bend Solar LLC Project City/County: Todd County Sampling Date: 2025-10-08

Applicant/Owner: USS Eagle Bend Solar LLC State: Minnesota Sampling Point: WB-01-up

Investigator(s): Malia Stone Section, Township, Range: sec 02 T131N R035W

Landform (hillside, terrace, etc.): Footslope Local relief (concave, convex, none): Concave Slope %: 0-2

Subregion (LRR or MLRA): LRR K, MLRA 57 Lat: 46.182928 Long: -95.047006 Datum: WGS84

Soil Map Unit Name: Blowers soils, 1 to 6 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ___ (If no, explain in Remarks.)

Are Vegetation ✓, Soil ✓, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes ___ No ✓

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ___	No ✓	**Is the Sampled Area within a Wetland?** Yes ___ No ✓
Hydric Soil Present?	Yes ___	No ✓	If yes, optional Wetland Site ID:
Wetland Hydrology Present?	Yes ___	No ✓	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ___	No ✓	Depth (inches): ___
Water Table Present?	Yes ___	No ✓	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No ✓	Depth (inches): ___

Wetland Hydrology Present? Yes ___ No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
None observed. Corn tall and healthy.

VEGETATION – Use scientific names of plants.

Sampling Point: WB-01-up

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 15' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Herb Stratum (Plot size: 5' radius)			
1. Ambrosia artemisiifolia	5	Y	FACU
2. Crepis tectorum	5	Y	NI
3. Ranunculus sceleratus	2	N	OBL
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	12.0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
	0	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	2	x 1 =	2
FACW species	0	x 2 =	0
FAC species	0	x 3 =	0
FACU species	5	x 4 =	20
UPL species	0	x 5 =	0
Column Totals:	7	(A)	22.00 (B)

Prevalence Index = B/A = 3.14

Hydrophytic Vegetation Indicators:

___ 1 - Rapid Test for Hydrophytic Vegetation

___ 2 - Dominance Test is >50%

___ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ___ No ✓

Remarks: (Include photo numbers here or on a separate sheet.)

Point taken in planted corn field with some volunteer vegetation present.

SOIL

Sampling Point WB-01-up

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Redox Features Type[1]	Redox Features Loc[2]	Texture	Remarks
0-16	10YR 2/1	100					SIC	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ **Iron Monosulfide (A18)**
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ **Sandy** Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L)**
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ Polyvalue Below Surface (S8) (**LRR K, L**) Thin
- ___ Dark Surface (S9) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Rock

Depth (inches): 16

Hydric Soil Present? Yes ___ No ✓

Remarks:

Multiple holes attempted, restrictive layer met at all. Point taken in planted corn field with disturbed soils.

Point taken in non-hydric soil unit. Non-hydric soils assumed due to dominance of FACU vegetation and lack of wetland hydrology indicators.

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USS Eagle Bend Solar LLC Project - Delineation Site Photograph

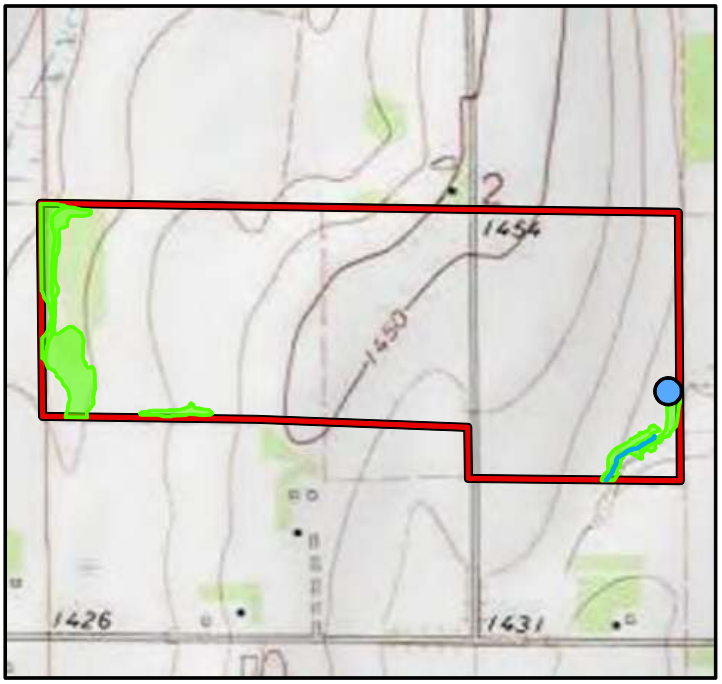
Westwood
Toll Free (888) 937-5150 westwoodps.com

Wetland

Feature ID: WB-01-wet-A







Map Document: N:\0070280.000_GIS_ArcPro\R0070280_040_WetlandExhibitsPhotologs_20251020\R0070280_040_WetlandExhibitsPhotologs_20251020.aprx 10/20/2025 4:51 PM AWestendorf

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: USS Eagle Bend Solar LLC Project City/County: Todd County Sampling Date: 2025-10-08

Applicant/Owner: USS Eagle Bend Solar LLC State: Minnesota Sampling Point: WB-01-wet-A

Investigator(s): Malia Stone Section, Township, Range: sec 02 T131N 035W

Landform (hillside, terrace, etc.): Depression Local relief (concave, convex, none): Concave Slope %: 0-2

Subregion (LRR or MLRA): LRR K, MLRA 57 Lat: 46.183583 Long: -95.047189 Datum: WGS84

Soil Map Unit Name: Runeberg sandy loam, depressional NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ___ (If no, explain in Remarks.)

Are Vegetation ✓, Soil ✓, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes ___ No ✓

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✓	No ___	**Is the Sampled Area within a Wetland?** Yes ✓ No ___
Hydric Soil Present?	Yes ✓	No ___	If yes, optional Wetland Site ID: WB-01
Wetland Hydrology Present?	Yes ✓	No ___	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ✓ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ✓ Stunted or Stressed Plants (D1)
- ✓ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ✓ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ___	No ✓	Depth (inches): ___
Water Table Present?	Yes ___	No ✓	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No ✓	Depth (inches): ___

Wetland Hydrology Present? Yes ✓ No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION – Use scientific names of plants.

Sampling Point: WB-01-wet-A

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 15' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Herb Stratum (Plot size: 5' radius)			
1. Ambrosia trifida	10	Y	FAC
2. Cyperus strigosus	5	Y	FACW
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	15.0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
	0	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	5	x 2 =	10
FAC species	10	x 3 =	30
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column Totals:	15 (A)		40.00 (B)

Prevalence Index = B/A = 2.67

Hydrophytic Vegetation Indicators:

___ 1 - Rapid Test for Hydrophytic Vegetation

✓ 2 - Dominance Test is >50%

✓ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ✓ No ___

Remarks: (Include photo numbers here or on a separate sheet.)

Point taken in planted corn field with some volunteer vegetation present.

SOIL

Sampling Point WB-01-wet-A

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-18	N 2.5/0	95	10YR 4/6	5	C	M	SIC	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ **Iron Monosulfide (A18)**
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ **Sandy** Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L)**
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ✓ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ Polyvalue Below Surface (S8) (**LRR K, L**) Thin
- ___ Dark Surface (S9) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ✓ **No** ___

Remarks:

Point taken in planted corn field with disturbed soils.

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: USS Eagle Bend Solar LLC Project City/County: Todd County Sampling Date: 2025-10-08

Applicant/Owner: USS Eagle Bend Solar LLC State: Minnesota Sampling Point: WB-01-up-A

Investigator(s): Malia Stone Section, Township, Range: sec 02 T131N R035W

Landform (hillside, terrace, etc.): Footslope Local relief (concave, convex, none): Concave Slope %: 0-2

Subregion (LRR or MLRA): LRR K, MLRA 57 Lat: 46.183634 Long: -95.047232 Datum: WGS84

Soil Map Unit Name: Paddock-Becida, stony, complex, 0 to 3 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ___ (If no, explain in Remarks.)

Are Vegetation ✓, Soil ✓, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes ___ No ✓

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ___	No ✓	**Is the Sampled Area within a Wetland?** Yes ___ No ✓
Hydric Soil Present?	Yes ___	No ✓	If yes, optional Wetland Site ID:
Wetland Hydrology Present?	Yes ___	No ✓	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ___	No ✓	Depth (inches): ___
Water Table Present?	Yes ___	No ✓	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No ✓	Depth (inches): ___

Wetland Hydrology Present? Yes ___ No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
None observed. Corn tall and healthy.

VEGETATION – Use scientific names of plants.

Sampling Point: WB-01-up-A

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 15' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Herb Stratum (Plot size: 5' radius)			
1. Amaranthus retroflexus	5	Y	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	5.0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
	0	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	0	x 3 =	0
FACU species	5	x 4 =	20
UPL species	0	x 5 =	0
Column Totals:	5 (A)		20.00 (B)

Prevalence Index = B/A = 4.0

Hydrophytic Vegetation Indicators:

___ 1 - Rapid Test for Hydrophytic Vegetation

___ 2 - Dominance Test is >50%

___ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ___ No ✓

Remarks: (Include photo numbers here or on a separate sheet.)

Point taken in planted corn field with some volunteer vegetation present.

SOIL

Sampling Point WB-01-up-A

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-24	N 2.5/0	100					SIC	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ **Iron Monosulfide (A18)**
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ **Sandy** Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L)**
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ Polyvalue Below Surface (S8) (**LRR K, L**) Thin
- ___ Dark Surface (S9) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ___ **No** ✓

Remarks:

Point taken in planted corn field with disturbed soils.

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USS Eagle Bend Solar LLC Project - Delineation Site Photograph

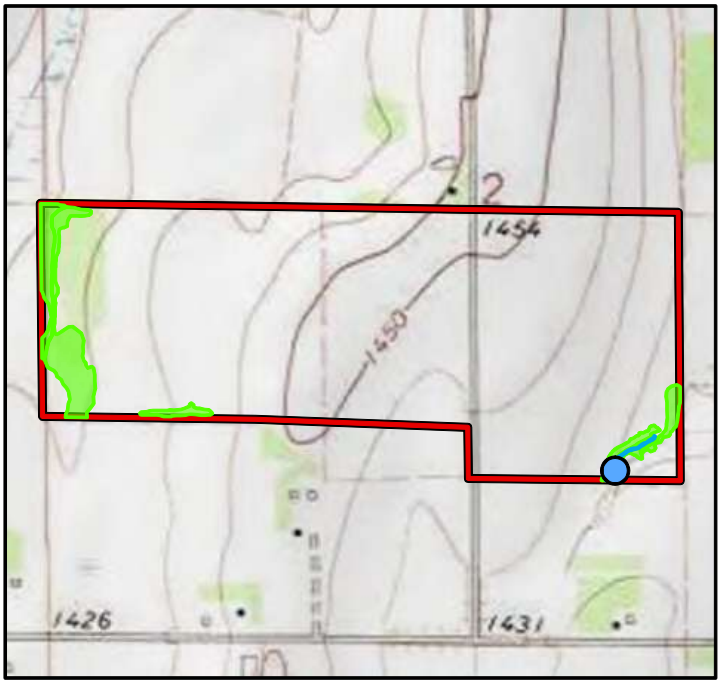
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Wetland

Feature ID: WB-01-wet-B







Map Document: N:\0070280.000_GIS_ArcPro\R0070280_040_WetlandExhibitsPhotologs_20251020\R0070280_040_WetlandExhibitsPhotologs_20251020.aprx 10/20/2025 4:51 PM AWestendorf

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: USS Eagle Bend Solar LLC Project City/County: Todd County Sampling Date: 2025-10-08

Applicant/Owner: USS Eagle Bend Solar LLC State: Minnesota Sampling Point: WB-01-wet-B

Investigator(s): Malia Stone Section, Township, Range: sec 02 T131N R035W

Landform (hillside, terrace, etc.): Depression Local relief (concave, convex, none): Concave Slope %: 0-2

Subregion (LRR or MLRA): LRR K, MLRA 57 Lat: 46.182229 Long: -95.048496 Datum: WGS84

Soil Map Unit Name: Runeberg sandy loam, depressional NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ____ (If no, explain in Remarks.)

Are Vegetation ____, Soil ____, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No ____

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✓	No ____	**Is the Sampled Area within a Wetland?** Yes ✓ No ____
Hydric Soil Present?	Yes ✓	No ____	If yes, optional Wetland Site ID: WB-01
Wetland Hydrology Present?	Yes ✓	No ____	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ✓ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ✓ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ____	No ✓	Depth (inches): ____
Water Table Present?	Yes ____	No ✓	Depth (inches): ____
Saturation Present? (includes capillary fringe)	Yes ____	No ✓	Depth (inches): ____

Wetland Hydrology Present? Yes ✓ No ____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION – Use scientific names of plants.

Sampling Point: WB-01-wet-B

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1. Salix nigra	25	Y	OBL
2.			
3.			
4.			
5.			
6.			
7.			
	25.0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 15' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Herb Stratum (Plot size: 5' radius)			
1. Phalaris arundinacea	90	Y	FACW
2. Acer negundo	5	N	FAC
3. Fraxinus pennsylvanica	2	N	FACW
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	97.0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
	0	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	25	x 1 =	25
FACW species	92	x 2 =	184
FAC species	5	x 3 =	15
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column Totals:	122 (A)		224.00 (B)

Prevalence Index = B/A = 1.84

Hydrophytic Vegetation Indicators:

✓ 1 - Rapid Test for Hydrophytic Vegetation

✓ 2 - Dominance Test is >50%

✓ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ✓ No ___

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL

Sampling Point WB-01-wet-B

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 3/1	98	7.5YR 4/6	2	C	M	SIC	
12-24	10YR 3/1	90	7.5YR 4/6	10	C	M	SIC	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ **Iron Monosulfide (A18)**
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ **Sandy** Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L**)
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ✓ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ Polyvalue Below Surface (S8) (**LRR K, L**) Thin
- ___ Dark Surface (S9) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ✓ **No** ___

Remarks:

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: USS Eagle Bend Solar LLC Project City/County: Todd County Sampling Date: 2025-10-08

Applicant/Owner: USS Eagle Bend Solar LLC State: Minnesota Sampling Point: WB-01-up-B

Investigator(s): Malia Stone Section, Township, Range: sec 02 T131N 035W

Landform (hillside, terrace, etc.): Footslope Local relief (concave, convex, none): Concave Slope %: 0-2

Subregion (LRR or MLRA): LRR K, MLRA 57 Lat: 46.182232 Long: -95.048349 Datum: WGS84

Soil Map Unit Name: Runeberg sandy loam, depressional NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ___ (If no, explain in Remarks.)

Are Vegetation ___, Soil ___, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes ✓ No ___

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✓	No ___	**Is the Sampled Area within a Wetland?** Yes ___ No ✓
Hydric Soil Present?	Yes ___	No ✓	If yes, optional Wetland Site ID:
Wetland Hydrology Present?	Yes ___	No ✓	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ✓ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ___	No ✓	Depth (inches): ___
Water Table Present?	Yes ___	No ✓	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No ✓	Depth (inches): ___

Wetland Hydrology Present? Yes ___ No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
None observed.

VEGETATION – Use scientific names of plants.

Sampling Point: WB-01-up-B

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1. Salix nigra	25	Y	OBL
2. Fraxinus pennsylvanica	10	Y	FACW
3.			
4.			
5.			
6.			
7.			
	35.0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 15' radius)			
1. Acer negundo	10	Y	FAC
2. Rhamnus cathartica	10	Y	FAC
3.			
4.			
5.			
6.			
7.			
	20.0	=Total Cover	
Herb Stratum (Plot size: 5' radius)			
1. Matteuccia struthiopteris	10	Y	FAC
2. Viola pubescens	10	Y	FACU
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	20.0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
	0	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 5 (A)

Total Number of Dominant Species Across All Strata: 6 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 83.33 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	25	x 1 =	25
FACW species	10	x 2 =	20
FAC species	30	x 3 =	90
FACU species	10	x 4 =	40
UPL species	0	x 5 =	0
Column Totals:	75 (A)		175.00 (B)

Prevalence Index = B/A = 2.33

Hydrophytic Vegetation Indicators:

___ 1 - Rapid Test for Hydrophytic Vegetation

✓ 2 - Dominance Test is >50%

✓ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ✓ No ___

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL

Sampling Point WB-01-up-B

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 2/2	100					SIC	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ **Iron Monosulfide (A18)**
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ **Sandy** Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L)**
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ Polyvalue Below Surface (S8) (**LRR K, L**) Thin
- ___ Dark Surface (S9) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Rock

Depth (inches): 12

Hydric Soil Present? **Yes** ___ **No** ✓

Remarks:

Multiple holes attempted, restrictive layer met at each. Large boulders scattered around entire area.

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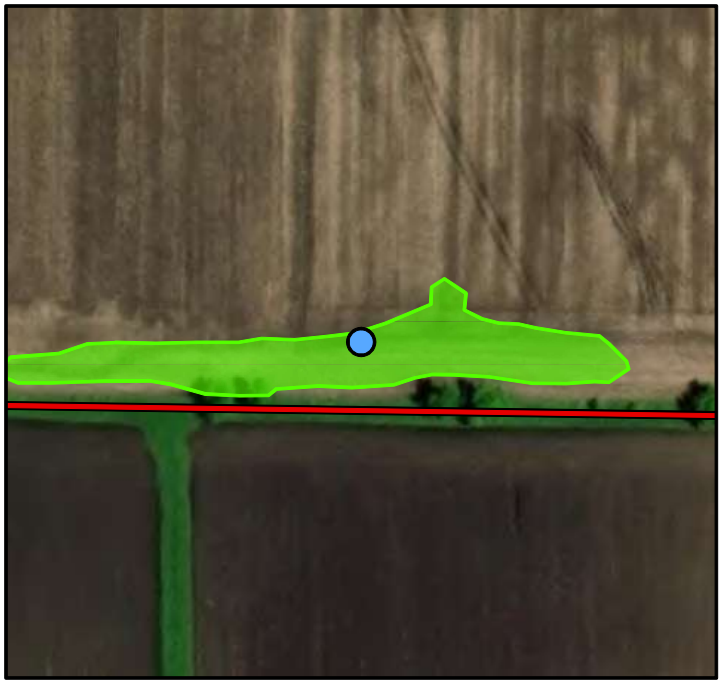
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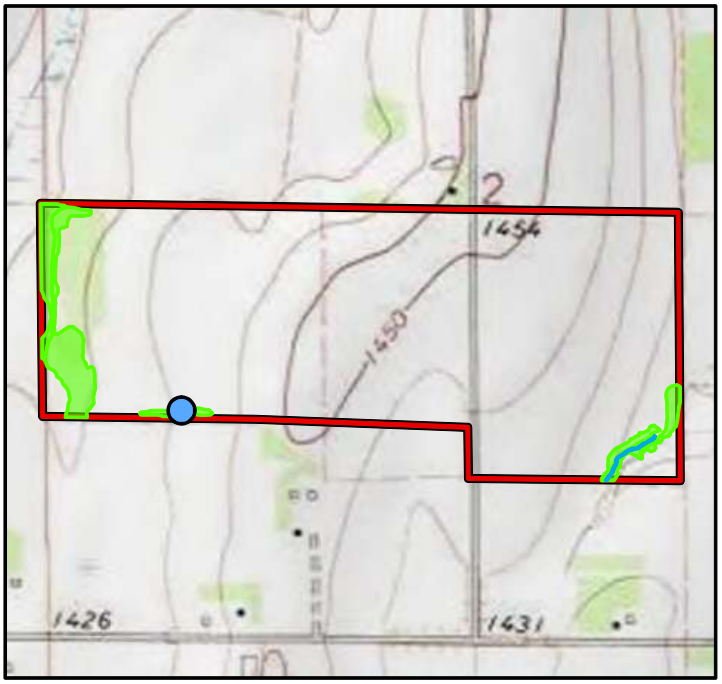
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Toll Free (888) 937-5150 westwoodps.com

Wetland

Feature ID: WB-02-wet







Map Document: N:\0070280.000_GIS_ArcPro\R0070280_040_WetlandExhibitsPhotologs_20251020\R0070280_040_WetlandExhibitsPhotologs_20251020.aprx 10/20/2025 4:51 PM AWestendorf

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: USS Eagle Bend Solar LLC Project City/County: Todd County Sampling Date: 2025-10-08

Applicant/Owner: USS Eagle Bend Solar LLC State: Minnesota Sampling Point: WB-02-wet

Investigator(s): Malia Stone Section, Township, Range: sec 02 T131N 035W

Landform (hillside, terrace, etc.): Depression Local relief (concave, convex, none): Concave Slope %: 0-2

Subregion (LRR or MLRA): LRR K, MLRA 57 Lat: 46.183261 Long: -95.059255 Datum: WGS84

Soil Map Unit Name: Paddock-Becida, stony, complex, 0 to 3 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ___ (If no, explain in Remarks.)

Are Vegetation ✓, Soil ✓, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes ___ No ✓

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✓	No ___	**Is the Sampled Area within a Wetland?** Yes ✓ No ___
Hydric Soil Present?	Yes ✓	No ___	If yes, optional Wetland Site ID: WB-02
Wetland Hydrology Present?	Yes ✓	No ___	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ✓ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ✓ Stunted or Stressed Plants (D1)
- ✓ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ___	No ✓	Depth (inches): ___
Water Table Present?	Yes ___	No ✓	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No ✓	Depth (inches): ___

Wetland Hydrology Present? Yes ✓ No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION – Use scientific names of plants.

Sampling Point: WB-02-wet

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 15' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Herb Stratum (Plot size: 5' radius)			
1. Amaranthus tuberculatus	5	Y	OBL
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	5.0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
	0	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	5	x 1 =	5
FACW species	0	x 2 =	0
FAC species	0	x 3 =	0
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column Totals:	5 (A)		5.00 (B)

Prevalence Index = B/A = 1.0

Hydrophytic Vegetation Indicators:

✓ 1 - Rapid Test for Hydrophytic Vegetation

✓ 2 - Dominance Test is >50%

✓ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ✓ No ___

Remarks: (Include photo numbers here or on a separate sheet.)

Point taken in planted corn field with some volunteer vegetation present.

SOIL

Sampling Point WB-02-wet

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 2/1	100					SIC	
10-16	2.5Y 5/2	85	10YR 5/6	15	C	M	SL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ✓ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ **Iron Monosulfide (A18)**
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ **Sandy** Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L)**
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ✓ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ Polyvalue Below Surface (S8) (**LRR K, L**) Thin
- ___ Dark Surface (S9) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: Rock

Depth (inches): 16

Hydric Soil Present? **Yes** ✓ **No** ___

Remarks:

Multiple holes attempted. Restrictive layer met at each. Large rocks present throughout wetland. Point taken in planted corn field with disturbed soils.

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: USS Eagle Bend Solar LLC Project City/County: Todd County Sampling Date: 2025-10-08

Applicant/Owner: USS Eagle Bend Solar LLC State: Minnesota Sampling Point: WB-02-up

Investigator(s): Malia Stone Section, Township, Range: sec 02 T131N R035W

Landform (hillside, terrace, etc.): Footslope Local relief (concave, convex, none): Concave Slope %: 0-2

Subregion (LRR or MLRA): LRR K, MLRA 57 Lat: 46.183356 Long: -95.059248 Datum: WGS84

Soil Map Unit Name: Paddock-Becida, stony, complex, 0 to 3 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ___ (If no, explain in Remarks.)

Are Vegetation ✓, Soil ✓, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes ___ No ✓

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ___	No ✓	**Is the Sampled Area within a Wetland?** Yes ___ No ✓
Hydric Soil Present?	Yes ✓	No ___	If yes, optional Wetland Site ID:
Wetland Hydrology Present?	Yes ___	No ✓	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ___	No ✓	Depth (inches): ___
Water Table Present?	Yes ___	No ✓	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No ✓	Depth (inches): ___

Wetland Hydrology Present? Yes ___ No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
None observed. Corn tall and healthy.

VEGETATION – Use scientific names of plants.

Sampling Point: WB-02-up

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 15' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Herb Stratum (Plot size: 5' radius)			
1. Amaranthus retroflexus	10	Y	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	10.0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
	0	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	0	x 3 =	0
FACU species	10	x 4 =	40
UPL species	0	x 5 =	0
Column Totals:	10 (A)		40.00 (B)

Prevalence Index = B/A = 4.0

Hydrophytic Vegetation Indicators:

___ 1 - Rapid Test for Hydrophytic Vegetation

___ 2 - Dominance Test is >50%

___ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ___ No ✓

Remarks: (Include photo numbers here or on a separate sheet.)

Point taken in planted corn field with some volunteer vegetation present.

SOIL

Sampling Point WB-02-up

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-10	10YR 2/2	100					SIC	
10-24	2.5Y 5/2	90	10YR 5/6	10	C	M	SCL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ✓ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ **Iron Monosulfide (A18)**
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ **Sandy** Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L)**
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ✓ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ Polyvalue Below Surface (S8) (**LRR K, L**) Thin
- ___ Dark Surface (S9) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ✓ **No** ___

Remarks:

Point taken in partially hydric soil unit. Point taken in planted corn field with disturbed soils.

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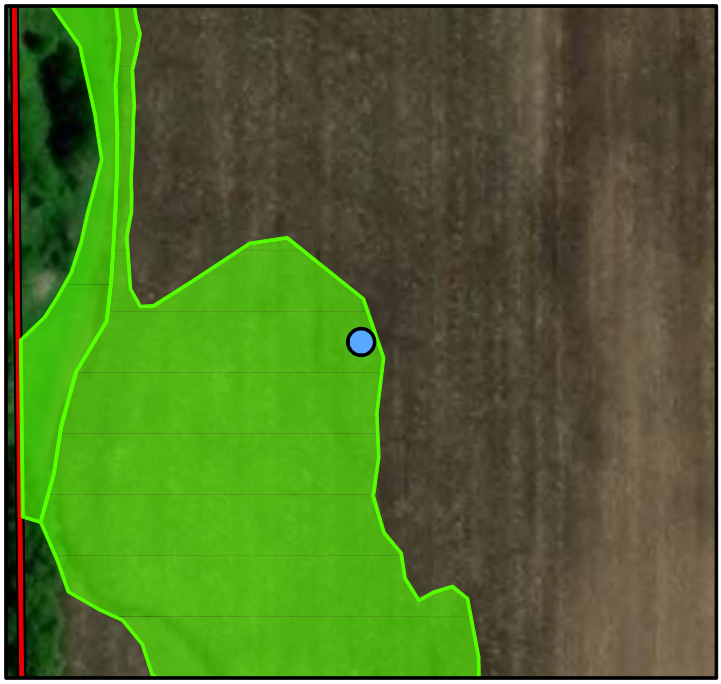
USS Eagle Bend Solar LLC Project - Delineation Site Photograph

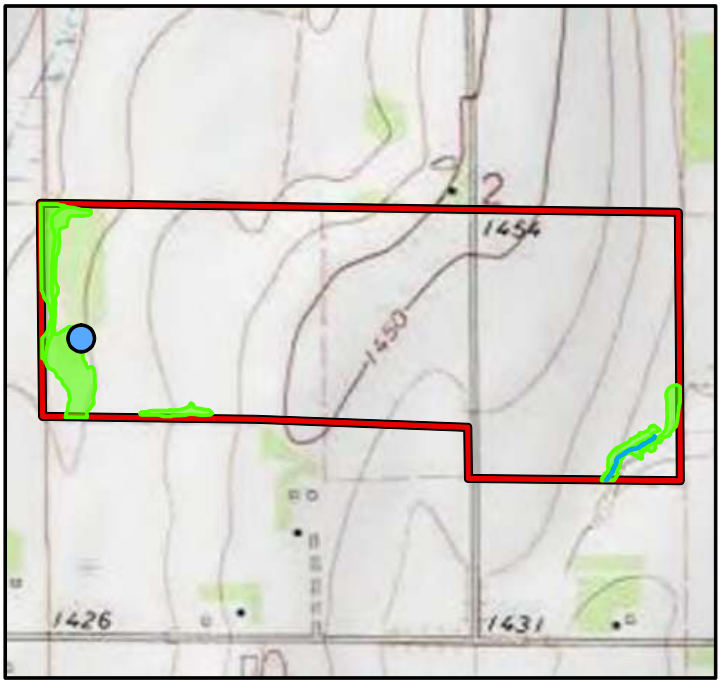
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Wetland

Feature ID: WB-03-wet







Map Document: N:\0070280.000_GIS_ArcPro\R0070280_040_WetlandExhibitsPhotologs_20251020\R0070280_040_WetlandExhibitsPhotologs_20251020.aprx 10/20/2025 4:51 PM AWestendorf

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: USS Eagle Bend Solar LLC Project City/County: Todd County Sampling Date: 2025-10-08

Applicant/Owner: USS Eagle Bend Solar LLC State: Minnesota Sampling Point: WB-03-wet

Investigator(s): Malia Stone Section, Township, Range: sec 02 T131N 035W

Landform (hillside, terrace, etc.): Depression Local relief (concave, convex, none): Concave Slope %: 0-2

Subregion (LRR or MLRA): LRR K, MLRA 57 Lat: 46.184506 Long: -95.061694 Datum: WGS84

Soil Map Unit Name: Paddock-Becida, stony, complex, 0 to 3 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ___ (If no, explain in Remarks.)

Are Vegetation ✓, Soil ✓, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes ___ No ✓

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✓	No ___	**Is the Sampled Area within a Wetland?** Yes ✓ No ___
Hydric Soil Present?	Yes ✓	No ___	If yes, optional Wetland Site ID: WB-03
Wetland Hydrology Present?	Yes ✓	No ___	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ✓ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ✓ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ✓ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ✓ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ___	No ✓	Depth (inches): ___
Water Table Present?	Yes ___	No ✓	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No ✓	Depth (inches): ___

Wetland Hydrology Present? Yes ✓ No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION – Use scientific names of plants.

Sampling Point: WB-03-wet

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 15' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Herb Stratum (Plot size: 5' radius)			
1. Cyperus strigosus	5	Y	FACW
2. Typha X glauca	5	Y	OBL
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	10.0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
	0	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	5	x 1 =	5
FACW species	5	x 2 =	10
FAC species	0	x 3 =	0
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column Totals:	10 (A)		15.00 (B)

Prevalence Index = B/A = 1.5

Hydrophytic Vegetation Indicators:

✓ 1 - Rapid Test for Hydrophytic Vegetation

✓ 2 - Dominance Test is >50%

✓ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? **Yes** ✓ **No** ___

Remarks: (Include photo numbers here or on a separate sheet.)

Point taken in planted corn field with some volunteer vegetation present.

SOIL

Sampling Point WB-03-wet

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 2/1	100					SIC	
12-24	10YR 4/1	90	10YR 5/6	10	C	M	SL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ✓ Depleted Below Dark Surface (A11)
- ✓ Thick Dark Surface (A12)
- ___ **Iron Monosulfide (A18)**
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ **Sandy** Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L)**
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ Polyvalue Below Surface (S8) (**LRR K, L**) Thin
- ___ Dark Surface (S9) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ✓ **No** ___

Remarks:

Point taken in planted corn field with disturbed soils.

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: USS Eagle Bend Solar LLC Project City/County: Todd County Sampling Date: 2025-10-08

Applicant/Owner: USS Eagle Bend Solar LLC State: Minnesota Sampling Point: WB-03-up

Investigator(s): Malia Stone Section, Township, Range: sec 02 T131N R035W

Landform (hillside, terrace, etc.): Footslope Local relief (concave, convex, none): Concave Slope %: 0-2

Subregion (LRR or MLRA): LRR K, MLRA 57 Lat: 46.184521 Long: -95.061626 Datum: WGS84

Soil Map Unit Name: Paddock-Becida, stony, complex, 0 to 3 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ___ (If no, explain in Remarks.)

Are Vegetation ✓, Soil ✓, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes ___ No ✓

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ___	No ✓	**Is the Sampled Area within a Wetland?** Yes ___ No ✓
Hydric Soil Present?	Yes ___	No ✓	If yes, optional Wetland Site ID:
Wetland Hydrology Present?	Yes ___	No ✓	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ___	No ✓	Depth (inches): ___
Water Table Present?	Yes ___	No ✓	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No ✓	Depth (inches): ___

Wetland Hydrology Present? Yes ___ No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
None observed. Corn tall and healthy.

VEGETATION – Use scientific names of plants.

Sampling Point: WB-03-up

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 15' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Herb Stratum (Plot size: 5' radius)			
1. Amaranthus retroflexus	5	Y	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	5.0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
	0	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	0	x 3 =	0
FACU species	5	x 4 =	20
UPL species	0	x 5 =	0
Column Totals:	5 (A)		20.00 (B)

Prevalence Index = B/A = 4.0

Hydrophytic Vegetation Indicators:

___ 1 - Rapid Test for Hydrophytic Vegetation

___ 2 - Dominance Test is >50%

___ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ___ No ✓

Remarks: (Include photo numbers here or on a separate sheet.)

Point taken in planted corn field with some volunteer vegetation present.

SOIL

Sampling Point WB-03-up

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 2/1	100					SIC	
16-24	2.5Y 5/3	95	10YR 5/6	5	C	M	SC	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ **Iron Monosulfide (A18)**
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ **Sandy** Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L)**
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ Polyvalue Below Surface (S8) (**LRR K, L**) Thin
- ___ Dark Surface (S9) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ___ **No** ✓

Remarks:

Point taken in partially hydric soil unit. Point taken in planted corn field with disturbed soils.

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USS Eagle Bend Solar LLC Project - Delineation Site Photograph

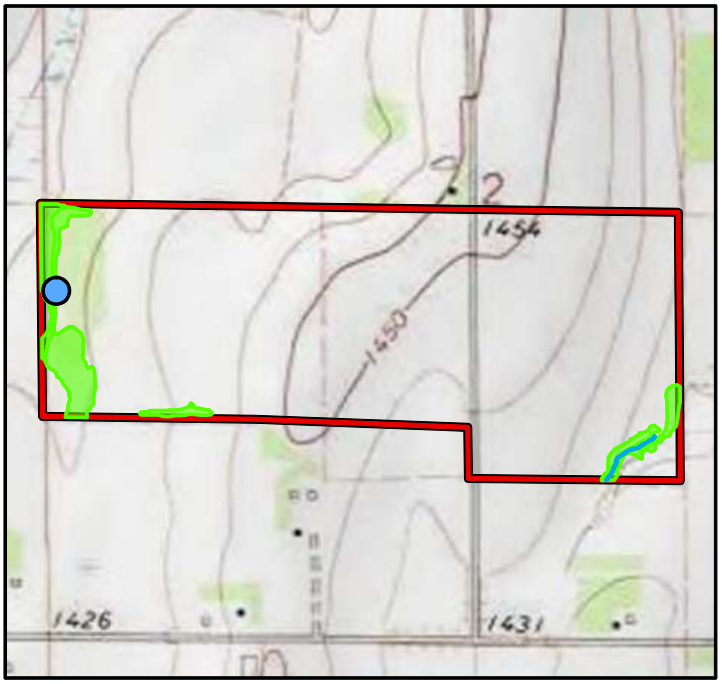
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Wetland

Feature ID: WB-03-wet-A







Map Document: N:\0070280.000_GIS_ArcPro\R0070280_040_WetlandExhibitsPhotologs_20251020\R0070280_040_WetlandExhibitsPhotologs_20251020.aprx 10/20/2025 4:51 PM AWestendorf

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: USS Eagle Bend Solar LLC Project City/County: Todd County Sampling Date: 2025-10-08

Applicant/Owner: USS Eagle Bend Solar LLC State: Minnesota Sampling Point: WB-03-wet-A

Investigator(s): Malia Stone Section, Township, Range: sec 02 T131N R035W

Landform (hillside, terrace, etc.): Depression Local relief (concave, convex, none): Concave Slope %: 0-2

Subregion (LRR or MLRA): LRR K, MLRA 57 Lat: 46.185313 Long: -95.062356 Datum: WGS84

Soil Map Unit Name: Clotho sandy loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ___ (If no, explain in Remarks.)

Are Vegetation ✓, Soil ✓, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes ___ No ✓

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✓	No ___	**Is the Sampled Area within a Wetland?** Yes ✓ No ___
Hydric Soil Present?	Yes ✓	No ___	If yes, optional Wetland Site ID: WB-03
Wetland Hydrology Present?	Yes ✓	No ___	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ✓ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ✓ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ✓ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ✓ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ___	No ✓	Depth (inches): ___
Water Table Present?	Yes ___	No ✓	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No ✓	Depth (inches): ___

Wetland Hydrology Present? Yes ✓ No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION – Use scientific names of plants.

Sampling Point: WB-03-wet-A

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 15' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Herb Stratum (Plot size: 5' radius)			
1. Cyperus strigosus	15	Y	FACW
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	15.0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
	0	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	15	x 2 =	30
FAC species	0	x 3 =	0
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column Totals:	15 (A)		30.00 (B)

Prevalence Index = B/A = 2.0

Hydrophytic Vegetation Indicators:

✓ 1 - Rapid Test for Hydrophytic Vegetation

✓ 2 - Dominance Test is >50%

✓ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? **Yes** ✓ **No** ___

Remarks: (Include photo numbers here or on a separate sheet.)

Point taken in planted corn field with some volunteer vegetation present.

SOIL

Sampling Point WB-03-wet-A

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-14	10YR 2/1	100					SIC	
14-24	2.5Y 5/2	90	10YR 5/6	10	C	M	SL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Surface (A11)
- ✓ Thick Dark Surface (A12)
- ___ **Iron Monosulfide (A18)**
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ **Sandy** Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L)**
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ Polyvalue Below Surface (S8) (**LRR K, L**) Thin
- ___ Dark Surface (S9) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ✓ **No** ___

Remarks:

Point taken in planted corn field with disturbed soils.

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: USS Eagle Bend Solar LLC Project City/County: Todd County Sampling Date: 2025-10-08

Applicant/Owner: USS Eagle Bend Solar LLC State: Minnesota Sampling Point: WB-03-up-A

Investigator(s): Malia Stone Section, Township, Range: sec 02 T131N 035W

Landform (hillside, terrace, etc.): Footslope Local relief (concave, convex, none): Concave Slope %: 0-2

Subregion (LRR or MLRA): LRR K, MLRA 57 Lat: 46.185328 Long: -95.062279 Datum: WGS84

Soil Map Unit Name: Clotho sandy loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ___ (If no, explain in Remarks.)

Are Vegetation ✓, Soil ✓, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes ___ No ✓

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ___	No ✓	**Is the Sampled Area within a Wetland?** Yes ___ No ✓
Hydric Soil Present?	Yes ___	No ✓	If yes, optional Wetland Site ID:
Wetland Hydrology Present?	Yes ___	No ✓	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ___	No ✓	Depth (inches): ___
Water Table Present?	Yes ___	No ✓	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No ✓	Depth (inches): ___

Wetland Hydrology Present? Yes ___ No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
None observed. Corn tall and healthy.

VEGETATION – Use scientific names of plants.

Sampling Point: WB-03-up-A

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 15' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Herb Stratum (Plot size: 5' radius)			
1. Amaranthus retroflexus	5	Y	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	5.0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
	0	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	0	x 3 =	0
FACU species	5	x 4 =	20
UPL species	0	x 5 =	0
Column Totals:	5 (A)		20.00 (B)

Prevalence Index = B/A = 4.0

Hydrophytic Vegetation Indicators:

___ 1 - Rapid Test for Hydrophytic Vegetation

___ 2 - Dominance Test is >50%

___ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

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Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ___ No ✓

Remarks: (Include photo numbers here or on a separate sheet.)

Point taken in planted corn field with some volunteer vegetation present.

SOIL

Sampling Point WB-03-up-A

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-10	10YR 2/1	100					SIC	
10-24	2.5Y 5/3	90	10YR 4/6	10	C	M	SC	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ **Iron Monosulfide (A18)**
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ **Sandy** Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L)**
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ Polyvalue Below Surface (S8) (**LRR K, L**) Thin
- ___ Dark Surface (S9) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ___ **No** ✓

Remarks:

Point taken in partially hydric soil unit. Point taken in planted corn field with disturbed soils.

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USS Eagle Bend Solar LLC Project - Delineation Site Photograph

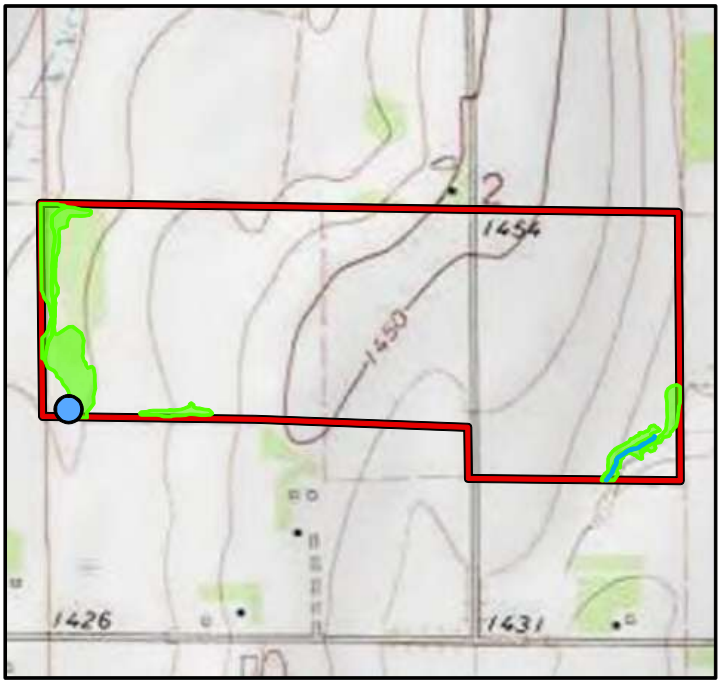
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Wetland

Feature ID: WB-03-wet-B







Map Document: N:\0070280.000_GIS_ArcPro\R0070280_040_WetlandExhibitsPhotologs_20251020\R0070280_040_WetlandExhibitsPhotologs_20251020.aprx 10/20/2025 4:51 PM AWestendorf

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: USS Eagle Bend Solar LLC Project City/County: Todd County Sampling Date: 2025-10-08

Applicant/Owner: USS Eagle Bend Solar LLC State: Minnesota Sampling Point: WB-03-wet-B

Investigator(s): Malia Stone Section, Township, Range: sec 02 T131N R035W

Landform (hillside, terrace, etc.): Depression Local relief (concave, convex, none): Concave Slope %: 0-2

Subregion (LRR or MLRA): LRR K, MLRA 57 Lat: 46.183288 Long: -95.062048 Datum: WGS84

Soil Map Unit Name: Clotho sandy loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ____ (If no, explain in Remarks.)

Are Vegetation ✓, Soil ✓, or Hydrology ____ significantly disturbed? Are "Normal Circumstances" present? Yes ____ No ✓

Are Vegetation ____, Soil ____, or Hydrology ____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✓	No ____	**Is the Sampled Area within a Wetland?** Yes ✓ No ____
Hydric Soil Present?	Yes ✓	No ____	If yes, optional Wetland Site ID: WB-03
Wetland Hydrology Present?	Yes ✓	No ____	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ____ Surface Water (A1)
- ____ High Water Table (A2)
- ____ Saturation (A3)
- ____ Water Marks (B1)
- ____ Sediment Deposits (B2)
- ____ Drift Deposits (B3)
- ✓ Algal Mat or Crust (B4)
- ____ Iron Deposits (B5)
- ____ Inundation Visible on Aerial Imagery (B7)
- ____ Sparsely Vegetated Concave Surface (B8)
- ____ Water-Stained Leaves (B9)
- ____ Aquatic Fauna (B13)
- ____ Marl Deposits (B15)
- ____ Hydrogen Sulfide Odor (C1)
- ____ Oxidized Rhizospheres on Living Roots (C3)
- ____ Presence of Reduced Iron (C4)
- ____ Recent Iron Reduction in Tilled Soils (C6)
- ____ Thin Muck Surface (C7)
- ____ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ✓ Surface Soil Cracks (B6)
- ✓ Drainage Patterns (B10)
- ____ Moss Trim Lines (B16)
- ____ Dry-Season Water Table (C2)
- ____ Crayfish Burrows (C8)
- ____ Saturation Visible on Aerial Imagery (C9)
- ____ Stunted or Stressed Plants (D1)
- ✓ Geomorphic Position (D2)
- ____ Shallow Aquitard (D3)
- ____ Microtopographic Relief (D4)
- ✓ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ____	No ✓	Depth (inches): ____
Water Table Present?	Yes ____	No ✓	Depth (inches): ____
Saturation Present? (includes capillary fringe)	Yes ____	No ✓	Depth (inches): ____

Wetland Hydrology Present? Yes ✓ No ____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION – Use scientific names of plants.

Sampling Point: WB-03-wet-B

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 15' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Herb Stratum (Plot size: 5' radius)			
1. Bolboschoenus fluvitalis	5	Y	OBL
2. Cyperus strigosus	5	Y	FACW
3. Persicaria amphibia	2	N	OBL
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	12.0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
	0	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	7	x 1 =	7
FACW species	5	x 2 =	10
FAC species	0	x 3 =	0
FACU species	0	x 4 =	0
UPL species	0	x 5 =	0
Column Totals:	12 (A)		17.00 (B)

Prevalence Index = B/A = 1.42

Hydrophytic Vegetation Indicators:

✓ 1 - Rapid Test for Hydrophytic Vegetation

✓ 2 - Dominance Test is >50%

✓ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ✓ No ___

Remarks: (Include photo numbers here or on a separate sheet.)

Point taken in planted corn field with some volunteer vegetation present.

SOIL

Sampling Point WB-03-wet-B

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-14	10YR 2/1	95	10YR 5/8	5	C	M	SIC	
14-24	2.5Y 5/2	90	10YR 5/6	10	C	M	SL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Surface (A11)
- ✓ Thick Dark Surface (A12)
- ___ **Iron Monosulfide (A18)**
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ **Sandy** Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L**)
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ✓ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ Polyvalue Below Surface (S8) (**LRR K, L**) Thin
- ___ Dark Surface (S9) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ✓ **No** ___

Remarks:

Point taken in planted corn field with disturbed soils.

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: USS Eagle Bend Solar LLC Project City/County: Todd County Sampling Date: 2025-10-08

Applicant/Owner: USS Eagle Bend Solar LLC State: Minnesota Sampling Point: WB-03-up-B

Investigator(s): Malia Stone Section, Township, Range: sec 02 T131N 035W

Landform (hillside, terrace, etc.): Footslope Local relief (concave, convex, none): Concave Slope %: 0-2

Subregion (LRR or MLRA): LRR K, MLRA 57 Lat: 46.183291 Long: -95.062141 Datum: WGS84

Soil Map Unit Name: Clotho sandy loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ___ (If no, explain in Remarks.)

Are Vegetation ✓, Soil ✓, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes ___ No ✓

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ___	No ✓	**Is the Sampled Area within a Wetland?** Yes ___ No ✓
Hydric Soil Present?	Yes ___	No ✓	If yes, optional Wetland Site ID:
Wetland Hydrology Present?	Yes ___	No ✓	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ___	No ✓	Depth (inches): ___
Water Table Present?	Yes ___	No ✓	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No ✓	Depth (inches): ___

Wetland Hydrology Present? Yes ___ No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
None observed. Corn tall and healthy.

VEGETATION – Use scientific names of plants.

Sampling Point: WB-03-up-B

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 15' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Herb Stratum (Plot size: 5' radius)			
1. Amaranthus retroflexus	5	Y	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	5.0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
	0	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	0	x 3 =	0
FACU species	5	x 4 =	20
UPL species	0	x 5 =	0
Column Totals:	5 (A)		20.00 (B)

Prevalence Index = B/A = 4.0

Hydrophytic Vegetation Indicators:

___ 1 - Rapid Test for Hydrophytic Vegetation

___ 2 - Dominance Test is >50%

___ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ___ No ✓

Remarks: (Include photo numbers here or on a separate sheet.)

Point taken in planted corn field with some volunteer vegetation present.

SOIL

Sampling Point WB-03-up-B

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-10	10YR 2/1	100					SIC	
10-24	2.5Y 5/3	90	10YR 4/6	10	C	M	SC	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ **Iron Monosulfide (A18)**
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ **Sandy** Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L)**
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ Polyvalue Below Surface (S8) (**LRR K, L**) Thin
- ___ Dark Surface (S9) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ___ **No** ✓

Remarks:

Point taken in partially hydric soil unit. Point taken in planted corn field with disturbed soils.

Westwood

Appendix B

Non-Wetland Data Forms and Photographs

USS Eagle Bend Solar LLC Project

Todd County, Minnesota

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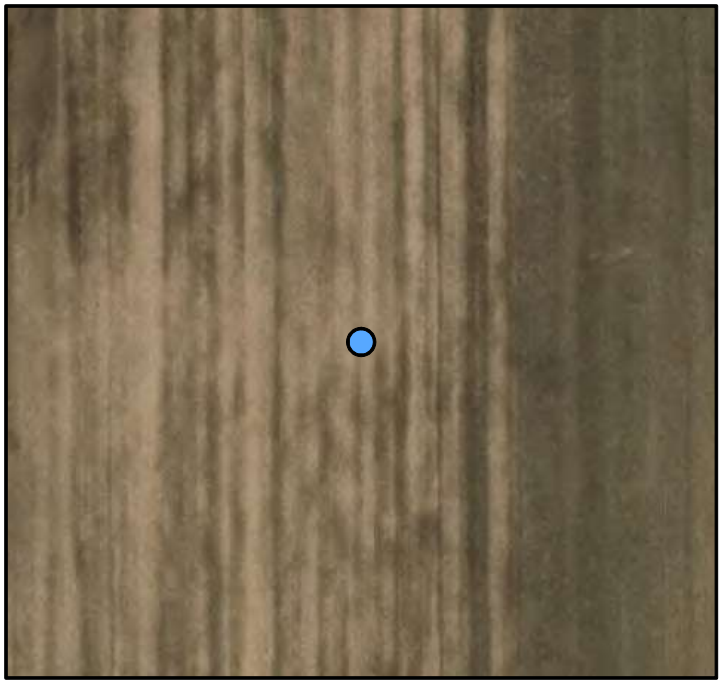
USS Eagle Bend Solar LLC Project - Delineation Site Photograph

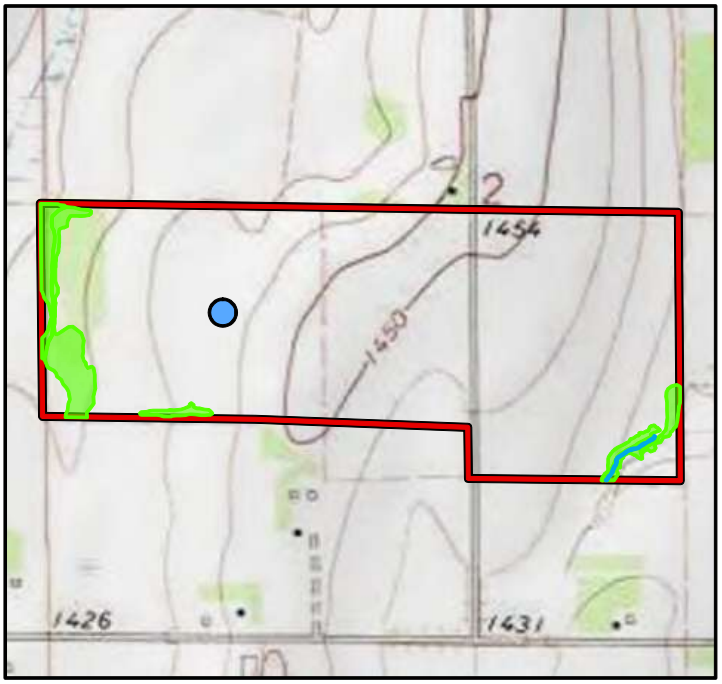
Westwood
Toll Free (888) 937-5150 westwoodps.com

Non-Wetland

Feature ID: NW-01







Map Document: N:\0070280.000_GIS_ArcPro\R0070280_040_WetlandExhibitsPhotologs_20251020\R0070280_040_WetlandExhibitsPhotologs_20251020.aprx 10/20/2025 4:54 PM AWestendorf

U.S. Army Corps of Engineers
WETLAND DETERMINATION DATA SHEET – Northcentral and Northeast Region
See ERDC/EL TR-12-1; the proponent agency is CECW-COR

OMB Control #: 0710-0024, Exp: 09/30/2027
Requirement Control Symbol EXEMPT:
(Authority: AR 335-15, paragraph 5-2a)

Project/Site: USS Eagle Bend Solar LLC Project City/County: Todd County Sampling Date: 2025-10-08

Applicant/Owner: USS Eagle Bend Solar LLC State: Minnesota Sampling Point: NW-01

Investigator(s): Malia Stone Section, Township, Range: sec 02 T131N R035W

Landform (hillside, terrace, etc.): Slope Local relief (concave, convex, none): Concave Slope %: 0-2

Subregion (LRR or MLRA): LRR K, MLRA 57 Lat: 46.184940 Long: -95.058230 Datum: WGS84

Soil Map Unit Name: Paddock-Becida, stony, complex, 0 to 3 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✓ No ___ (If no, explain in Remarks.)

Are Vegetation ✓, Soil ✓, or Hydrology ___ significantly disturbed? Are "Normal Circumstances" present? Yes ___ No ✓

Are Vegetation ___, Soil ___, or Hydrology ___ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ___	No ✓	**Is the Sampled Area within a Wetland?** Yes ___ No ✓
Hydric Soil Present?	Yes ___	No ✓	If yes, optional Wetland Site ID:
Wetland Hydrology Present?	Yes ___	No ✓	

Remarks: (Explain alternative procedures here or in a separate report.)

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1)
- ___ Sediment Deposits (B2)
- ___ Drift Deposits (B3)
- ___ Algal Mat or Crust (B4)
- ___ Iron Deposits (B5)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Sparsely Vegetated Concave Surface (B8)
- ___ Water-Stained Leaves (B9)
- ___ Aquatic Fauna (B13)
- ___ Marl Deposits (B15)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres on Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

- ___ Surface Soil Cracks (B6)
- ___ Drainage Patterns (B10)
- ___ Moss Trim Lines (B16)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Stunted or Stressed Plants (D1)
- ___ Geomorphic Position (D2)
- ___ Shallow Aquitard (D3)
- ___ Microtopographic Relief (D4)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present?	Yes ___	No ✓	Depth (inches): ___
Water Table Present?	Yes ___	No ✓	Depth (inches): ___
Saturation Present? (includes capillary fringe)	Yes ___	No ✓	Depth (inches): ___

Wetland Hydrology Present? Yes ___ No ✓

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
None observed. Corn tall and healthy.

VEGETATION – Use scientific names of plants.

Sampling Point: NW-01

Tree Stratum (Plot size: 30' radius)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Sapling/Shrub Stratum (Plot size: 15' radius)			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
	0	=Total Cover	
Herb Stratum (Plot size: 5' radius)			
1. Amaranthus retroflexus	15	Y	FACU
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
	15.0	=Total Cover	
Woody Vine Stratum (Plot size: 30' radius)			
1.			
2.			
3.			
4.			
	0	=Total Cover	

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	0	x 3 =	0
FACU species	15	x 4 =	60
UPL species	0	x 5 =	0
Column Totals:	15 (A)		60.00 (B)

Prevalence Index = B/A = 4.0

Hydrophytic Vegetation Indicators:

___ 1 - Rapid Test for Hydrophytic Vegetation

___ 2 - Dominance Test is >50%

___ 3 - Prevalence Index is ≤3.0[1]

___ 4 - Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Definitions of Vegetation Strata:

Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.

Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall.

Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.

Woody vines – All woody vines greater than 3.28 ft in height.

Hydrophytic Vegetation Present? Yes ___ No ✓

Remarks: (Include photo numbers here or on a separate sheet.)

Point taken in planted corn field with some volunteer vegetation present.

SOIL

Sampling Point NW-01

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-16	10YR 2/1	100					SIC	
16-24	2.5Y 5/3	90	10YR 4/6	10	C	M	SC	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.

[2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ **Iron Monosulfide (A18)**
- ___ Mesic Spodic (A17) **(MLRA 144A, 145, 149B)**
- ___ **Sandy** Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Dark Surface (S7)
- ___ Polyvalue Below Surface (S8) (**LRR R, MLRA 149B**)
- ___ Thin Dark Surface (S9) (**LRR R, MLRA 149B**)
- ___ High Chroma Sands (S11) (**LRR K, L)**
- ___ Loamy Mucky Mineral (F1) (**LRR K, L**)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Marl (F10) (**LRR K, L**)
- ___ Red Parent Material (F21) **(MLRA 145)**

Indicators for Problematic Hydric Soils[3]:

- ___ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
- ___ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
- ___ Polyvalue Below Surface (S8) (**LRR K, L**) Thin
- ___ Dark Surface (S9) (**LRR K, L**)
- ___ Iron-Manganese Masses (F12) (**LRR K, L, R**)
- ___ Piedmont Floodplain Soils (F19) (**MLRA 149B**)
- ___ Red Parent Material (F21) **(outside MLRA 145)**
- ___ Very Shallow Dark Surface (F22)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ___ **No** ✓

Remarks:

Point taken in planted corn field with disturbed soils.

Westwood

Appendix C

Watercourse Data Forms and Photographs

USS Eagle Bend Solar LLC Project

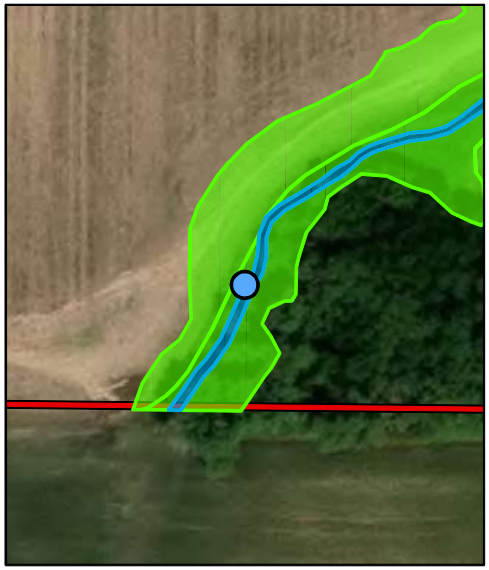
Todd County, Minnesota

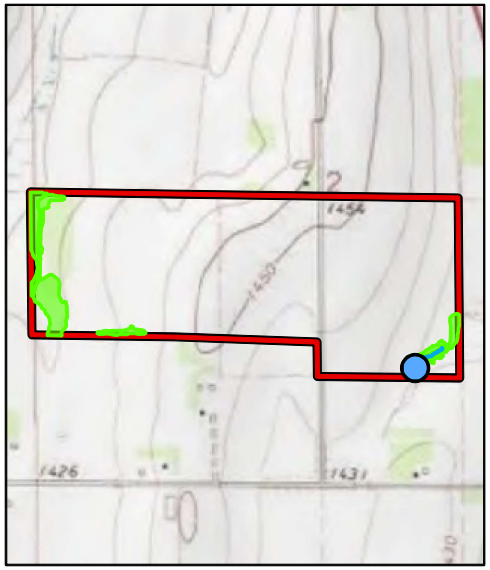
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USS Eagle Bend Solar LLC Project
Watercourse Photograph

Westwood
Toll Free (888) 937-5150 westwoodps.com

Feature ID: WC-01











Map Document: N:\0070280.000_GIS_ArcPro\R0070280_040_WetlandExhibitsPhotologs_20251020\R0070280_040_WetlandExhibitsPhotologs_20251020.aprx 10/20/2025 4:49 PM AWestendorf

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USS Eagle Bend Solar LLC Project
Watercourse Data Form

Westwood
Toll Free (888) 937-5150 westwoodps.com

Attributes	
Feature ID	WC-01
Defined Bed & Bank	Yes
Mapped on NHD	Yes
Mapped on NWI	Yes
Investigator	
Flow Characteristics	Intermittent
Direction of the Flow	No Discernable Direction
Water Width at Observation Point (ft)	1
Water Depth at Observation Point (ft)	0.5
Left Bank Height (ft) - Looking Downstream	4
Right Bank Height (ft) - Looking Downstream	3
OHWM Width (ft)	1
OHWM Height (ft from Substrate)	0.5
Evidence of Scour or Erosion	Yes
OHWM Criteria	Bed and banks
Pools, Riffles, Runs Present?	Pools
Substrate	Silt



Westwood

Appendix D

Non-Watercourse Photographs

USS Eagle Bend Solar LLC Project

Todd County, Minnesota

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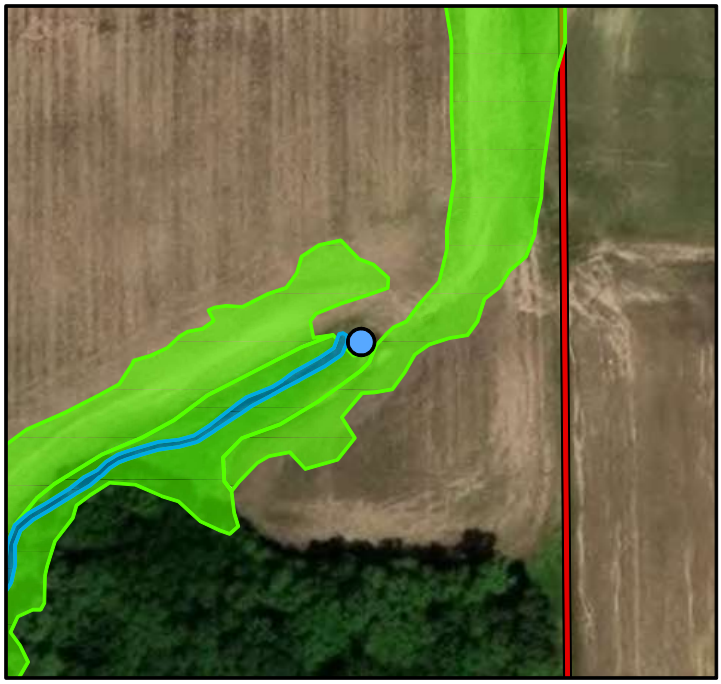
USS Eagle Bend Solar LLC Project - Delineation Site Photograph

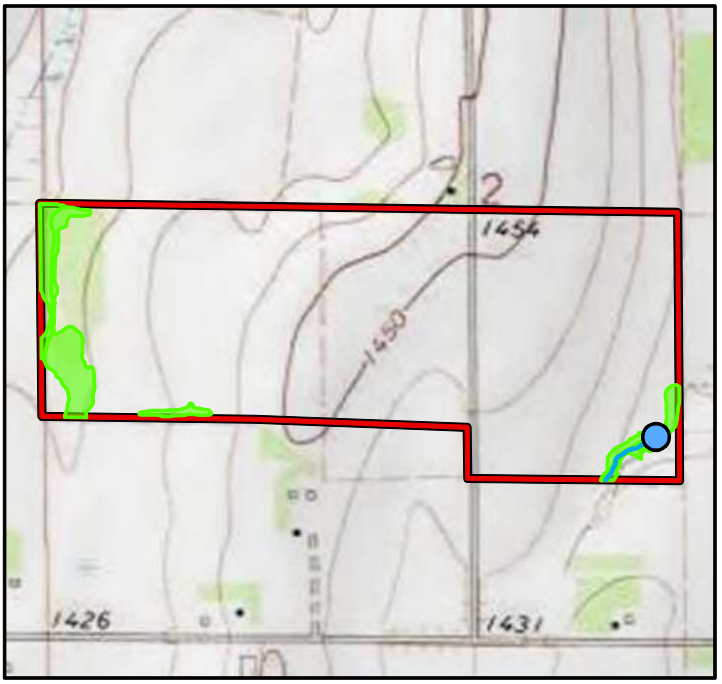
Westwood
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Non-Watercourse

Feature ID: NWC-01







Map Document: N:\0070280.000_GIS_ArcPro\R0070280_040_WetlandExhibitsPhotologs_20251020\R0070280_040_WetlandExhibitsPhotologs_20251020.aprx 10/20/2025 4:55 PM AWestendorf

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USS Eagle Bend Solar LLC Project - Delineation Site Photograph

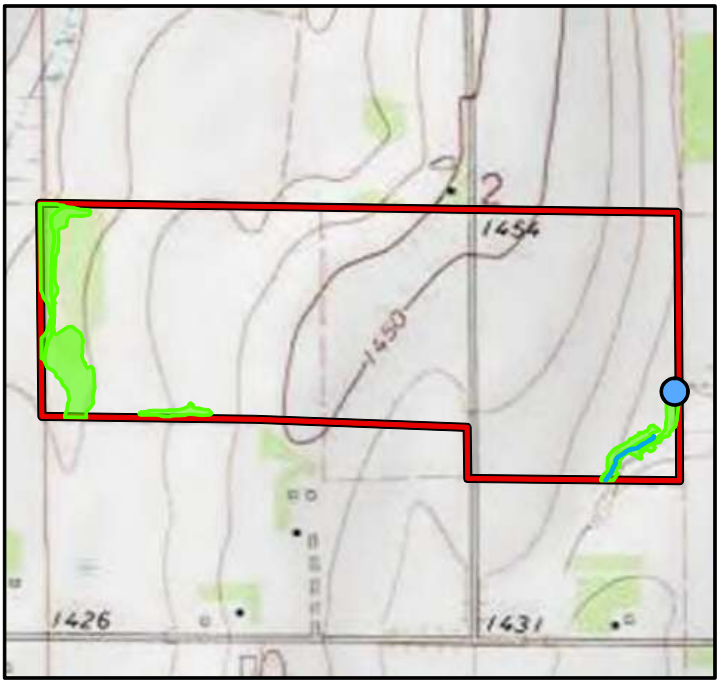
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Non-Watercourse

Feature ID: NWC-02







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Appendix E

Offsite Hydrology Review

USS Eagle Bend Solar LLC Project

Todd County, Minnesota

Hydrology Assessment with Aerial Imagery-Recording Form[1]

Project Name: USS Eagle Bend Solar LLC Project Date: 09/22/2025 County: Todd, MN

Investigator: Malia Stone Legal Description (S, T, R): S2 & S3, T131N, R35W

Summary Table

Photo Year[2]	Image Source[2]	Actual/ Estimated Photo Date[3]	Climate condition (wet, dry, normal)[4,5]	Interpretation (list hydrology indicators observed, e.g. crop stress, drowned out, etc.)[6]				
				SA-01	SA-02	SA-03		
2023	NAIP	7/26	Dry	DP	NV	CS (sm)		
2021	NAIP	7/08	Dry	CS	CS	NV		
2019	NAIP	7/21	Normal	CS	NV	NV		
2017	NAIP	8/22	Wet	DP	SGO (sm)	SGO		
2015	NAIP	8/10	Normal	DP	CS	SGO		
2013	NAIP	7/16	Wet	DP	NV	DP (sm), CS		
2010	NAIP	6/18	Normal	DP, SS	SGO	NV, NC (sm)		
2009	NAIP	6/25	Dry	DP (sm)	SS, WS	WS		
2008	NAIP	7/29	Normal	DP	CS	DO		
2006	NAIP	7/17	Dry	NV	NV	DNC		
2004	NAIP	7/24	Normal	NV	NV	SGO		
2003	NAIP	6/20	Wet	DP	DNC	NC, WS		

Summary Table

	SA-01	SA-02	SA-03			
# Years of aerial photography	12	12	12			
# Normal Years (2003-2023)	5	5	5			
# signatures in Normal years	4	3	3			
# signatures in Wet years	3	1	3			
# Signatures in Dry years	3	2	2			
# signatures in all years	10	6	8			
% Usable Yrs with wet signatures[7]	4/5 = 80%	3/5 = 60%	60%			

(sm)= smaller area than whole area showed signature

[1] Form adapted from BWSR/USACE Technical Guidance, July 1, 2016.

[2]Photo selection for historical aerial photography review are from the MnGEO WMS GIS server, Google Earth, and GIS sources such as County, watersheds, or cities.

[3]July 1 was used as the date for aerial photographs when determining antecedent precipitation when an actual date could not be determined. Other aerial photography from County GIS, Google imagery, NAIP, etc. was dated based on available information.

[4]MN State Climatology website used to produce three-prior-month (NRCS) method for parcel being investigated.

[5]Photo dates at the end of the month were advanced to the next month to determine climate conditions using the NRCS/3-prior-month method if the daily precipitation data from that month warranted it.

[6]Key below is used label photo interpretations. It is imperative the reviewer read and understand the guidance associated with the use of the labels.

[7]Equal number of most recent wet and dry years used if 5 normal years were not available. Otherwise only Normal years.

*Base photo for suspect areas

Definitions

WS-wetland signature CS-crop stress SGO-something going on	DO-drowned out NC-not cropped SS- soil wetness signature	SW-standing water AP-altered pattern DP-drainage pattern	NV-normal vegetative cover DNC-dry not cropped NSS- no soil wetness (sm)- smaller area
WS is typically used for interpretation in non-cropped areas or green areas in dry conditions			

Field data sheet reference (if applicable): _____

Wetland Determination from Aerial Imagery – Recording Form

Project Name: USS Eagle Bend Solar LLC Project Date: 09/22/2025 County: Todd, MN

Investigator: Malia Stone Legal Description (T, R, S): T131N R35W S2, S3

Use the Decision Matrix below to complete Table 1.

Hydric Soils present[1]	Identified on NWI or other wetland map[2]	Percent with wet signatures from Exhibit 1	Field verification required[3]	Wetland?
Yes	Yes	>50%	No	Yes
Yes	Yes	30-50%	No	Yes
Yes	Yes	<30%	Yes	Yes, if other hydrology indicators present
Yes	No	>50%	No	Yes
Yes	No	30-50%	Yes	Yes, if other hydrology indicators present
Yes	No	<30%	No	No
No	Yes	>50%	No	Yes
No	Yes	30-50%	No	Yes
No	Yes	<30%	No	No
No	No	>50%	Yes	Yes, if other hydrology indicators present
No	No	30-50%	Yes	Yes, if other hydrology indicators present
No	No	<30%	No	No

[1] The presence of hydric soils can be determined from the "Hydric Rating by Map Unit Feature" under "Land Classifications" from the Web Soil Survey. "Not Hydric" is the only category considered to not have hydric soils. Field sampling for the presence/absence of hydric soil indicators can be used in lieu of the hydric rating if appropriately documented by providing completed field data sheets.

[2] At minimum, the most updated NWI data available for the area must be reviewed for this step. Any and all other local or regional wetland maps that are publically available should be reviewed.

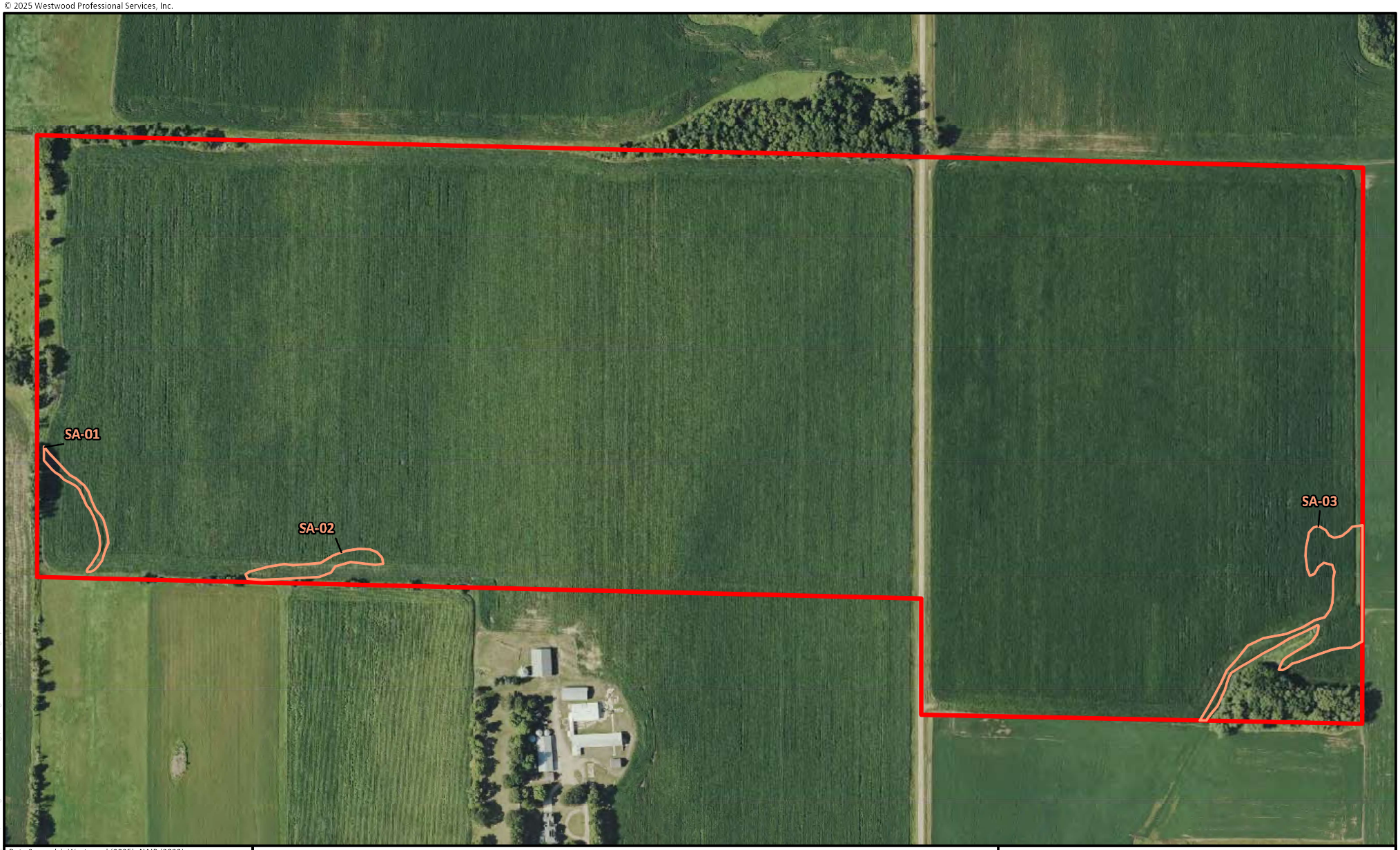
[3] Area should be reviewed in the field for the presence/absence of wetland hydrology indicators per the applicable 87 Manual Regional Supplement, including the D2 indicator (geomorphic position).

Table 1.

Suspect Area	Hydric Soils Present	Identified on NWI or other wetland map	Percent with wet signatures from Exhibit 1	Other hydrology indicators present[1]	Wetland?
1	Yes	No	80		Yes
2	Yes	No	60		Yes
3	Yes	Yes	60		Yes

[1] Answer "N/A" if field verification is not required and was not conducted.

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Data Source(s): Westwood (2025); NAIP (2023).

N

0 400 Feet

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USS Eagle Bend Solar LLC Project

Todd County, Minnesota

Offsite Hydrology Review

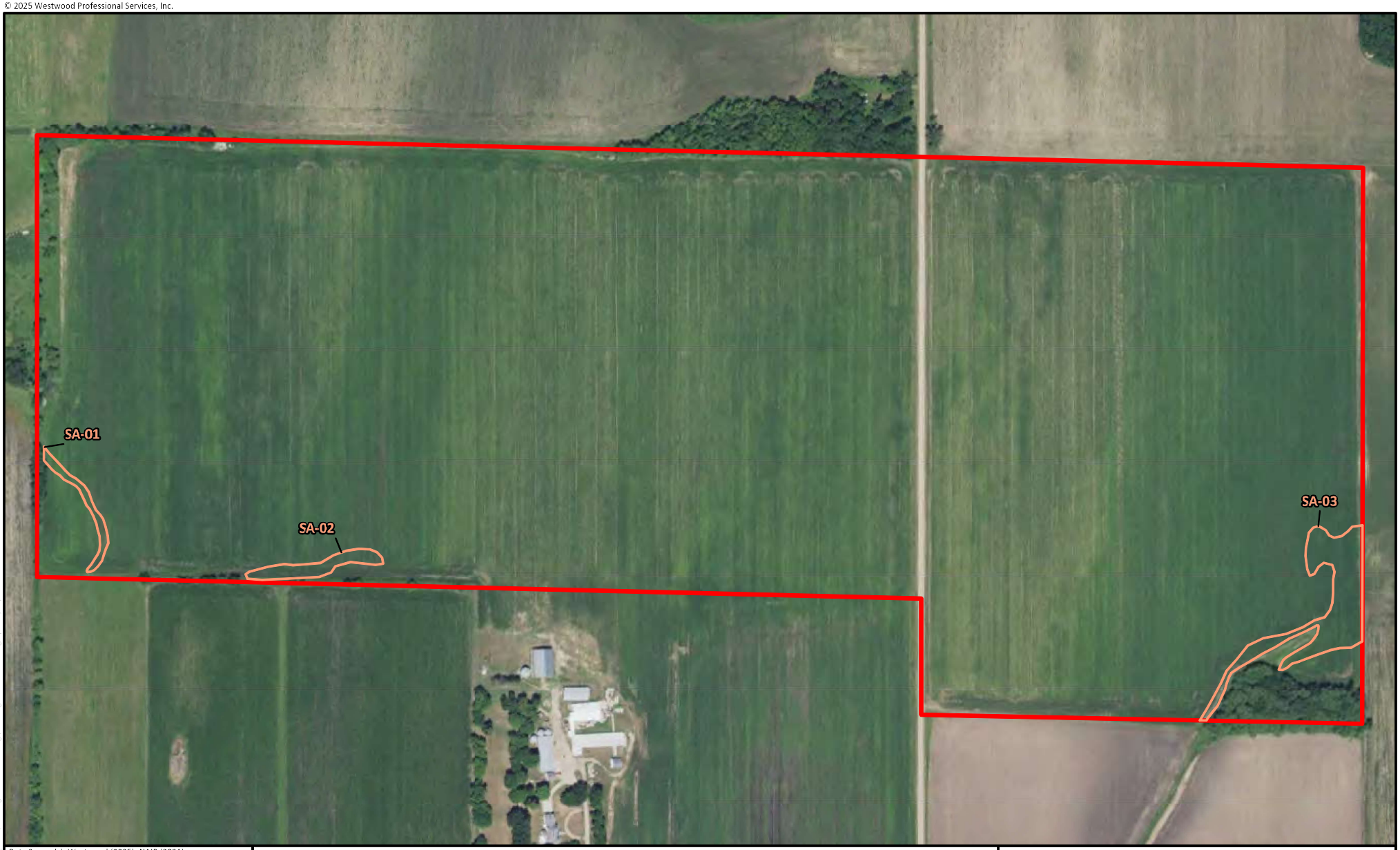
2023

Legend

- Suspect Area
- Delineation Area

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Data Source(s): Westwood (2025); NAIP (2021).

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Todd County, Minnesota

Offsite Hydrology Review

2021

Legend

- Suspect Area
- Delineation Area

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Data Source(s): Westwood (2025); NAIP (2019).

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Todd County, Minnesota

Offsite Hydrology Review

2019

Legend

- Suspect Area
- Delineation Area

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Data Source(s): Westwood (2025); NAIP (2017).

N

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Offsite Hydrology Review | 2017

Legend

- Suspect Area
- Delineation Area

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Data Source(s): Westwood (2025); NAIP (2015).

N

0 400 Feet

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Todd County, Minnesota

Offsite Hydrology Review

2015

Legend

- Suspect Area
- Delineation Area

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Data Source(s): Westwood (2025); NAIP (2013).

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Todd County, Minnesota

Offsite Hydrology Review

2013

Legend

- Suspect Area
- Delineation Area

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Todd County, Minnesota

Offsite Hydrology Review

2010

Legend

- Suspect Area
- Delineation Area

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Data Source(s): Westwood (2025); NAIP (2009).

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USS Eagle Bend Solar LLC Project

Todd County, Minnesota

Offsite Hydrology Review

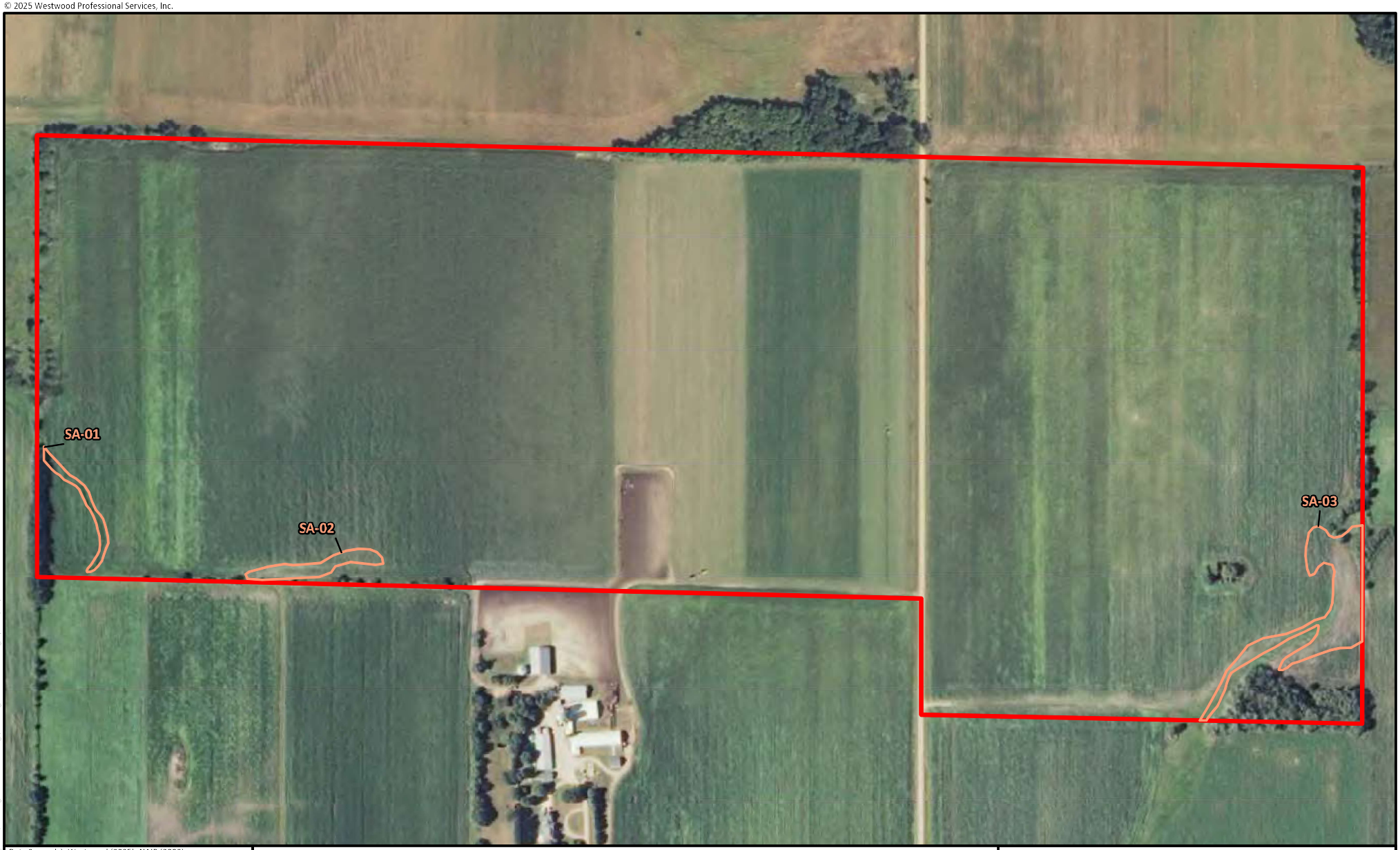
2009

Legend

- Suspect Area
- Delineation Area

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Todd County, Minnesota

Offsite Hydrology Review

2008

Legend

- Suspect Area
- Delineation Area

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Todd County, Minnesota

Offsite Hydrology Review

2006

Legend

- Suspect Area
- Delineation Area

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Data Source(s): Westwood (2025); NAIP (2004).

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Todd County, Minnesota

Offsite Hydrology Review

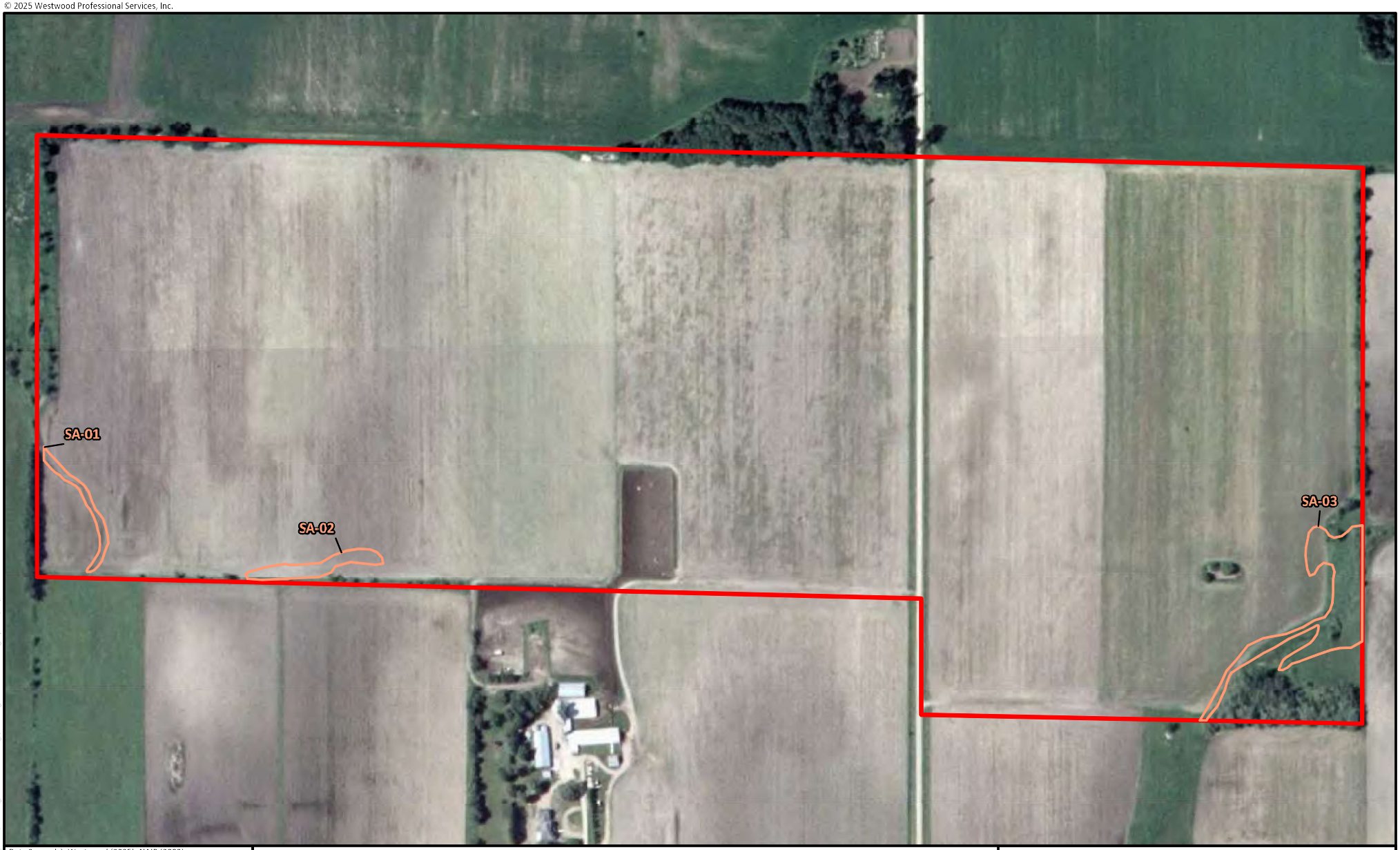
2004

Legend

- Suspect Area
- Delineation Area

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Data Source(s): Westwood (2025); NAIP (2003).

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0 400 Feet

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Todd County, Minnesota

Offsite Hydrology Review

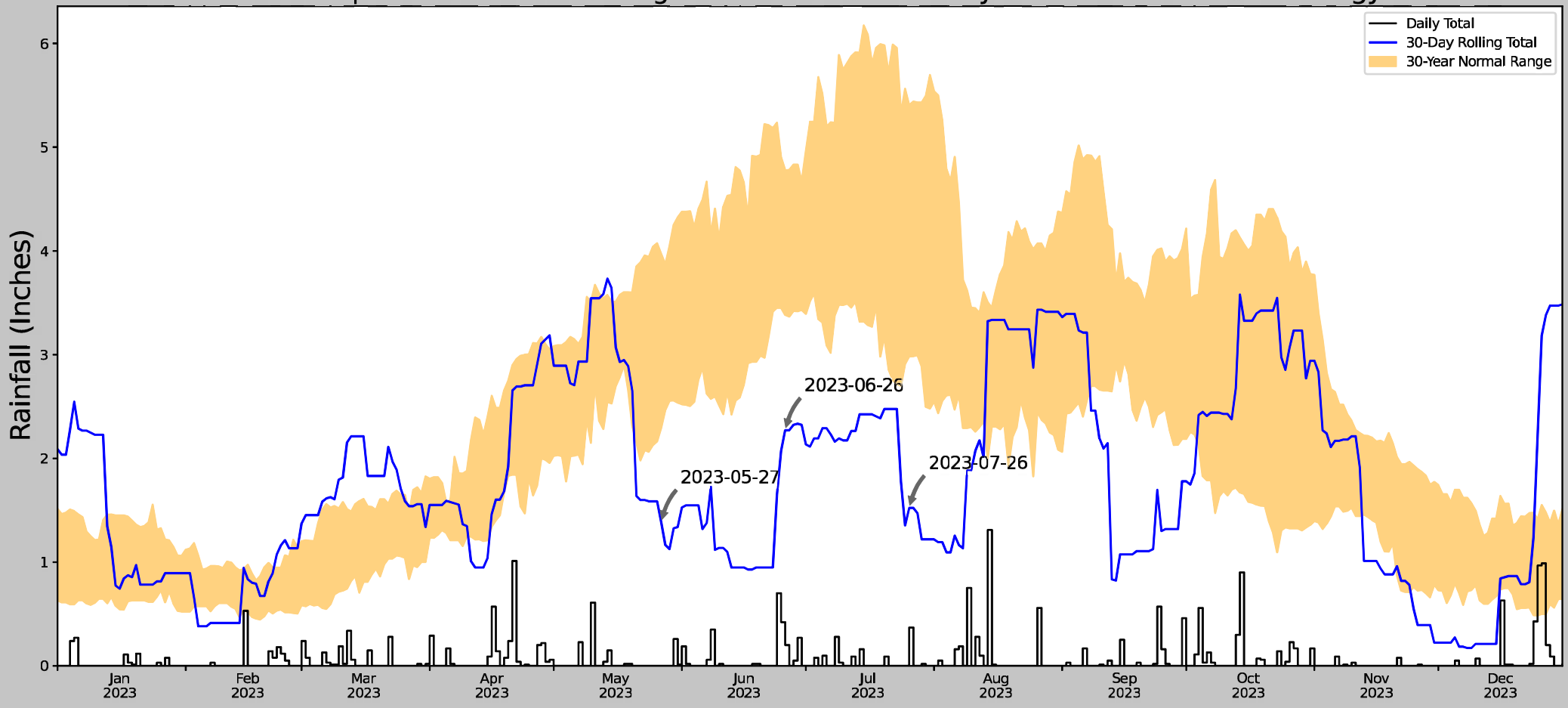
2003

Legend

- Suspect Area
- Delineation Area

Map Document: N:\0070280.00_GIS_Working\20250919_MPS\USS Eagle Bend Working\USS Eagle Bend Working.aprx 9/24/2025 2:22 PM MPStone

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	46.1844, -95.0573
Observation Date	2023-07-26
Elevation (ft)	1443.91
Drought Index (PDSI)	Severe drought
WebWIMP H_2O Balance	Dry Season

30 Days Ending	30^{th} %ile (in)	70^{th} %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2023-07-26	2.982284	5.403937	1.523622	Dry	1	3	3
2023-06-26	3.383071	4.775591	2.271654	Dry	1	2	2
2023-05-27	2.29252	3.972047	1.385827	Dry	1	1	1
Result							Drier than Normal - 6

Figures and tables made by the Antecedent Precipitation Tool Version 3.0

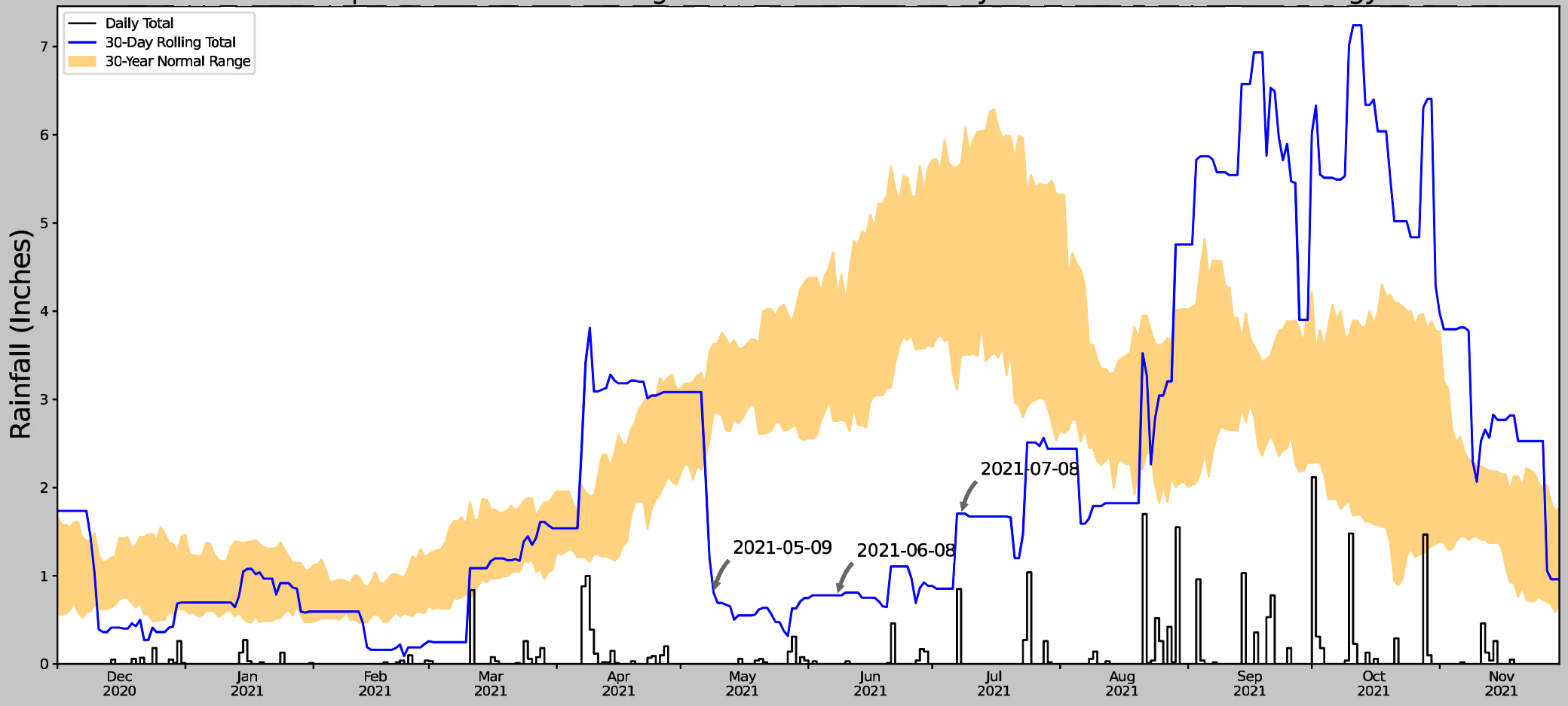
US Army Corps of Engineers

ERDC

Developed by:
U.S. Army Corps of Engineers and
U.S. Army Engineer Research and Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
LONG PRAIRIE	45.9647, -94.8892	1339.895	17.186	104.015	9.521	10623	90
CARLOS 2 WSW	45.9653, -95.3386	1399.934	21.583	60.039	11.008	725	0
ALEXANDRIA CHANDLER FLD	45.8681, -95.3939	1419.948	25.162	80.053	13.337	5	0

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	46.1844, -95.0573
Observation Date	2021-07-08
Elevation (ft)	1443.91
Drought Index (PDSI)	Severe drought
WebWIMP H_2O Balance	Dry Season

30 Days Ending	30th %ile (in)	70th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2021-07-08	3.499606	5.672441	1.704724	Dry	1	3	3
2021-06-08	2.753937	4.159449	0.779528	Dry	1	2	2
2021-05-09	2.844882	3.623622	0.811024	Dry	1	1	1
Result							Drier than Normal - 6

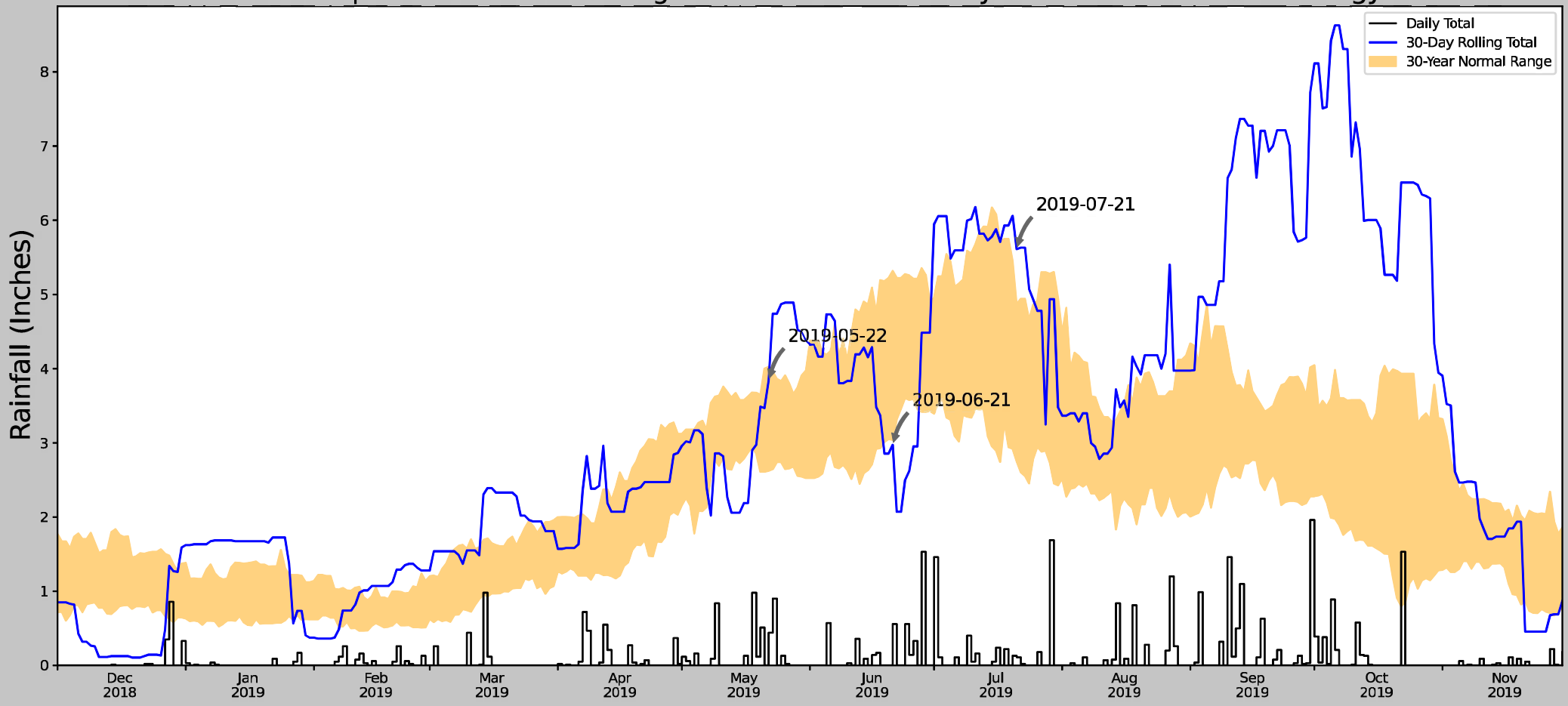
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ERDC

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U.S. Army Engineer Research and
Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
LONG PRAIRIE	45.9647, -94.8892	1339.895	17.186	104.015	9.521	10623	90
CARLOS 2 WSW	45.9653, -95.3386	1399.934	21.583	60.039	11.008	725	0
ALEXANDRIA CHANDLER FLD	45.8681, -95.3939	1419.948	25.162	80.053	13.337	5	0

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	46.1844, -95.0573
Observation Date	2019-07-21
Elevation (ft)	1443.91
Drought Index (PDSI)	Extreme wetness
WebWIMP H_2O Balance	Dry Season

30 Days Ending	30^{th} %ile (in)	70^{th} %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2019-07-21	2.748032	4.866536	5.610236	Wet	3	3	9
2019-06-21	3.038976	5.317717	2.972441	Dry	1	2	2
2019-05-22	2.623622	4.02441	3.838583	Normal	2	1	2
Result							Normal Conditions - 13

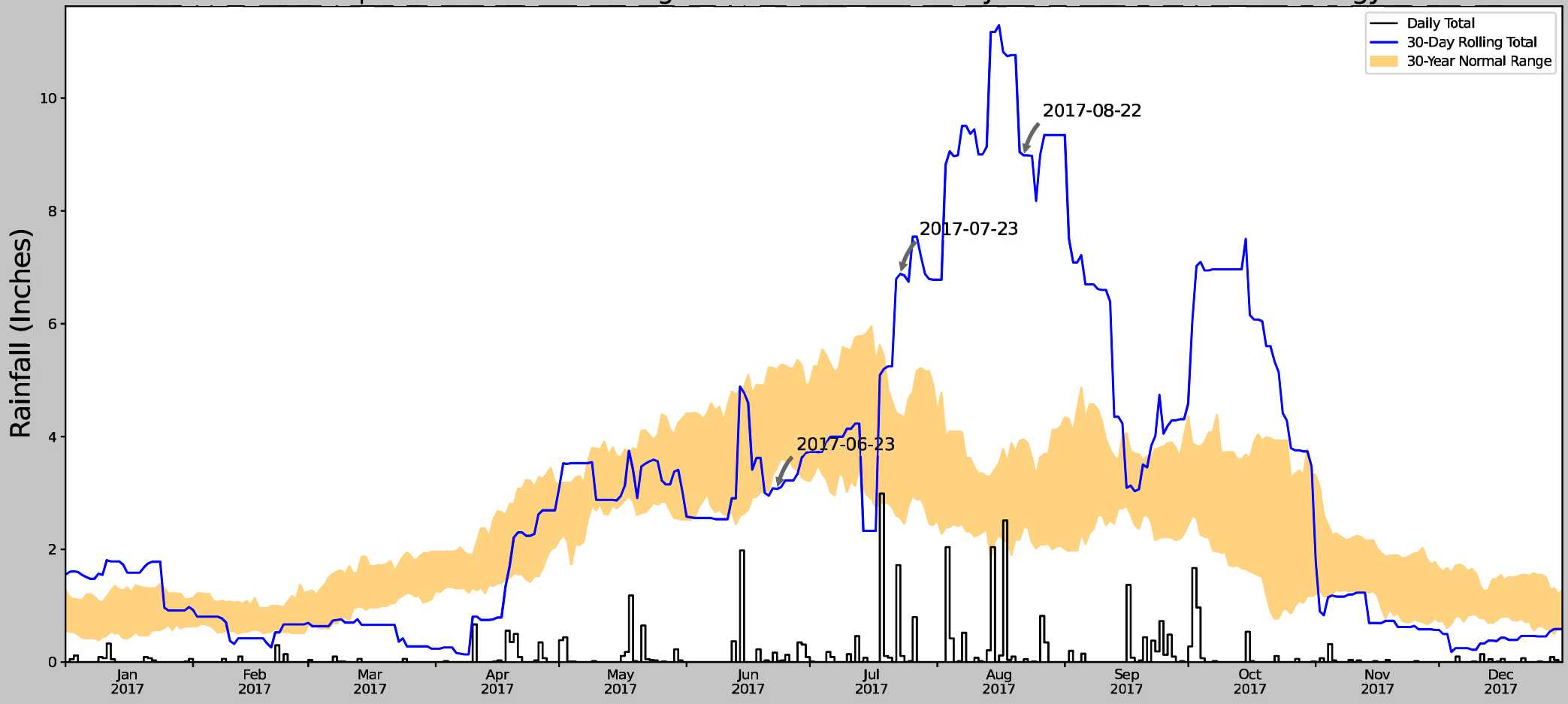
Figures and tables made by the
Antecedent Precipitation Tool
Version 3.0

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U.S. Army Engineer Research and
Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
LONG PRAIRIE	45.9647, -94.8892	1339.895	17.186	104.015	9.521	10623	90
CARLOS 2 WSW	45.9653, -95.3386	1399.934	21.583	60.039	11.008	725	0
ALEXANDRIA CHANDLER FLD	45.8681, -95.3939	1419.948	25.162	80.053	13.337	5	0

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	46.1844, -95.0573
Observation Date	2017-08-22
Elevation (ft)	1443.91
Drought Index (PDSI)	Severe wetness
WebWIMP H_2O Balance	Dry Season

30 Days Ending	30^{th} %ile (in)	70^{th} %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2017-08-22	2.39252	3.950788	8.984252	Wet	3	3	9
2017-07-23	2.55315	4.380709	6.885827	Wet	3	2	6
2017-06-23	3.457087	5.183465	3.070866	Dry	1	1	1
Result							Wetter than Normal - 16

Figures and tables made by the Antecedent Precipitation Tool Version 3.0

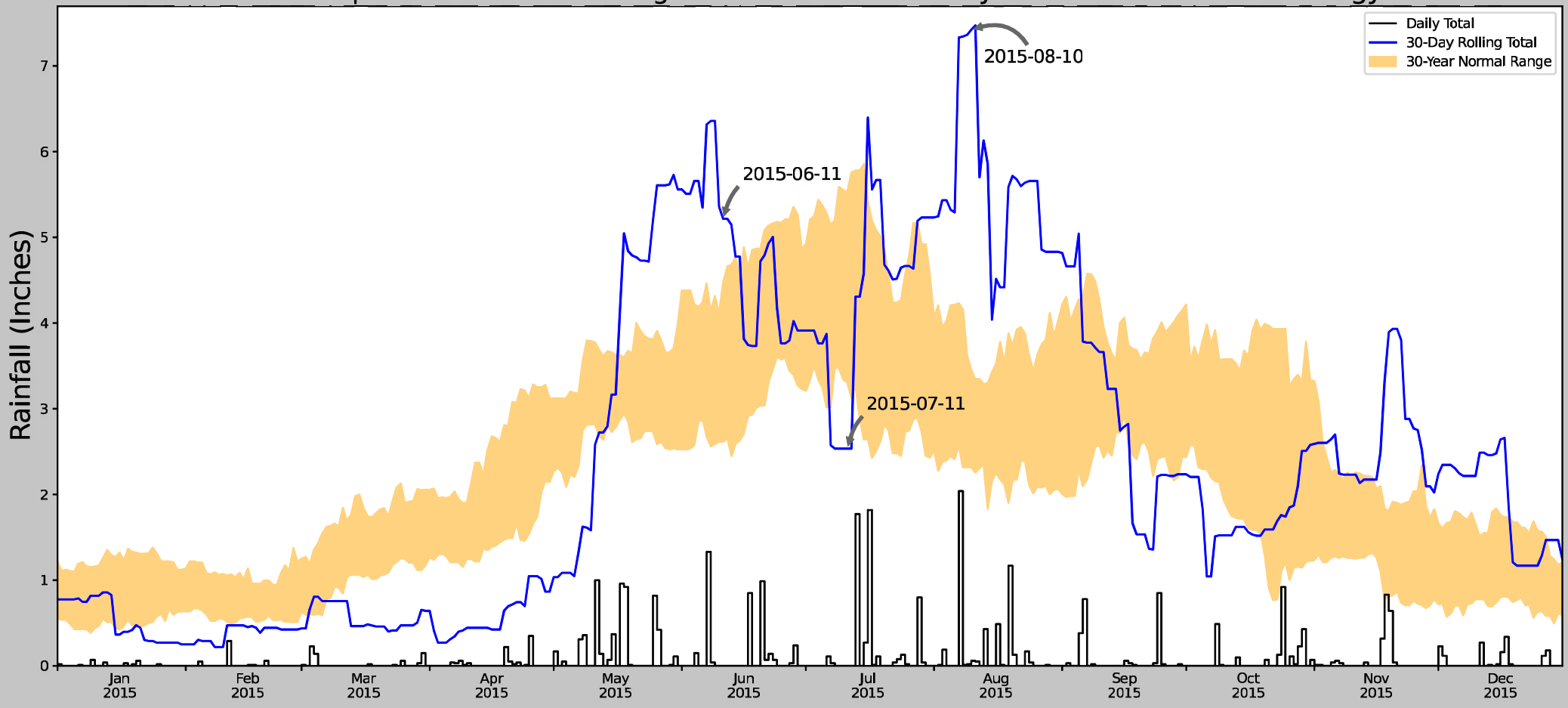
US Army Corps of Engineers

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Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
LONG PRAIRIE	45.9647, -94.8892	1339.895	17.186	104.015	9.521	10623	90
CARLOS 2 WSW	45.9653, -95.3386	1399.934	21.583	60.039	11.008	725	0
ALEXANDRIA CHANDLER FLD	45.8681, -95.3939	1419.948	25.162	80.053	13.337	5	0

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	46.1844, -95.0573
Observation Date	2015-08-10
Elevation (ft)	1443.91
Drought Index (PDSI)	Mild wetness
WebWIMP H_2O Balance	Dry Season

30 Days Ending	30^{th} %ile (in)	70^{th} %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2015-08-10	2.318504	3.453543	7.42126	Wet	3	3	9
2015-07-11	3.30748	5.522835	2.535433	Dry	1	2	2
2015-06-11	2.616536	4.472835	5.216536	Wet	3	1	3
Result							Normal Conditions - 14

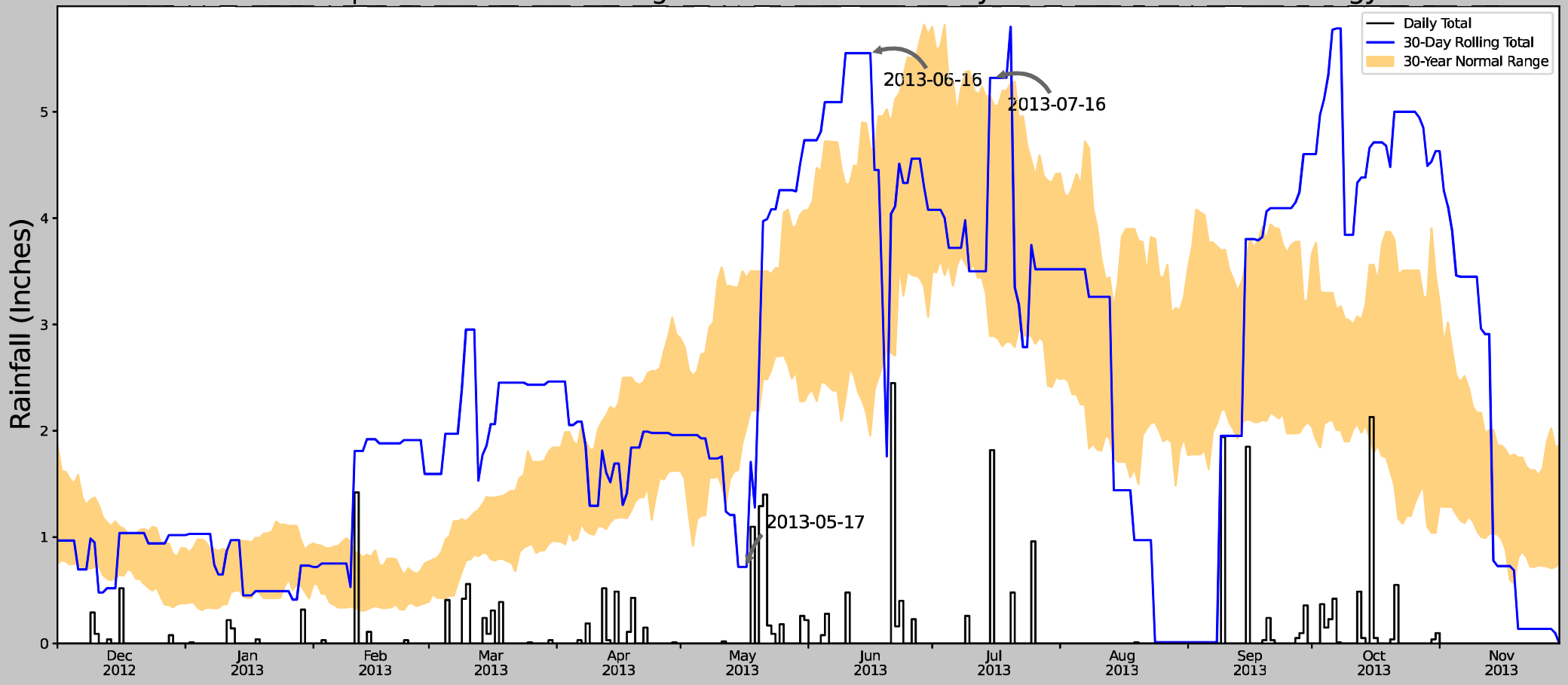
Figures and tables made by the
Antecedent Precipitation Tool
Version 3.0

US Army Corps of Engineers
ERDC

Developed by:
U.S. Army Corps of Engineers and
U.S. Army Engineer Research and
Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
LONG PRAIRIE	45.9647, -94.8892	1339.895	17.186	104.015	9.521	10623	90
CARLOS 2 WSW	45.9653, -95.3386	1399.934	21.583	60.039	11.008	725	0
ALEXANDRIA CHANDLER FLD	45.8681, -95.3939	1419.948	25.162	80.053	13.337	5	0

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	46.1844, -95.0573
Observation Date	2013-07-16
Elevation (ft)	1443.91
Drought Index (PDSI)	Normal
WebWIMP H_2O Balance	Dry Season

30 Days Ending	30th %ile (in)	70th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2013-07-16	2.891732	5.056299	5.318898	Wet	3	3	9
2013-06-16	1.956299	4.652362	5.551181	Wet	3	2	6
2013-05-17	2.03189	3.434646	0.720472	Dry	1	1	1
Result							Wetter than Normal - 16

Figures and tables made by the Antecedent Precipitation Tool Version 3.0

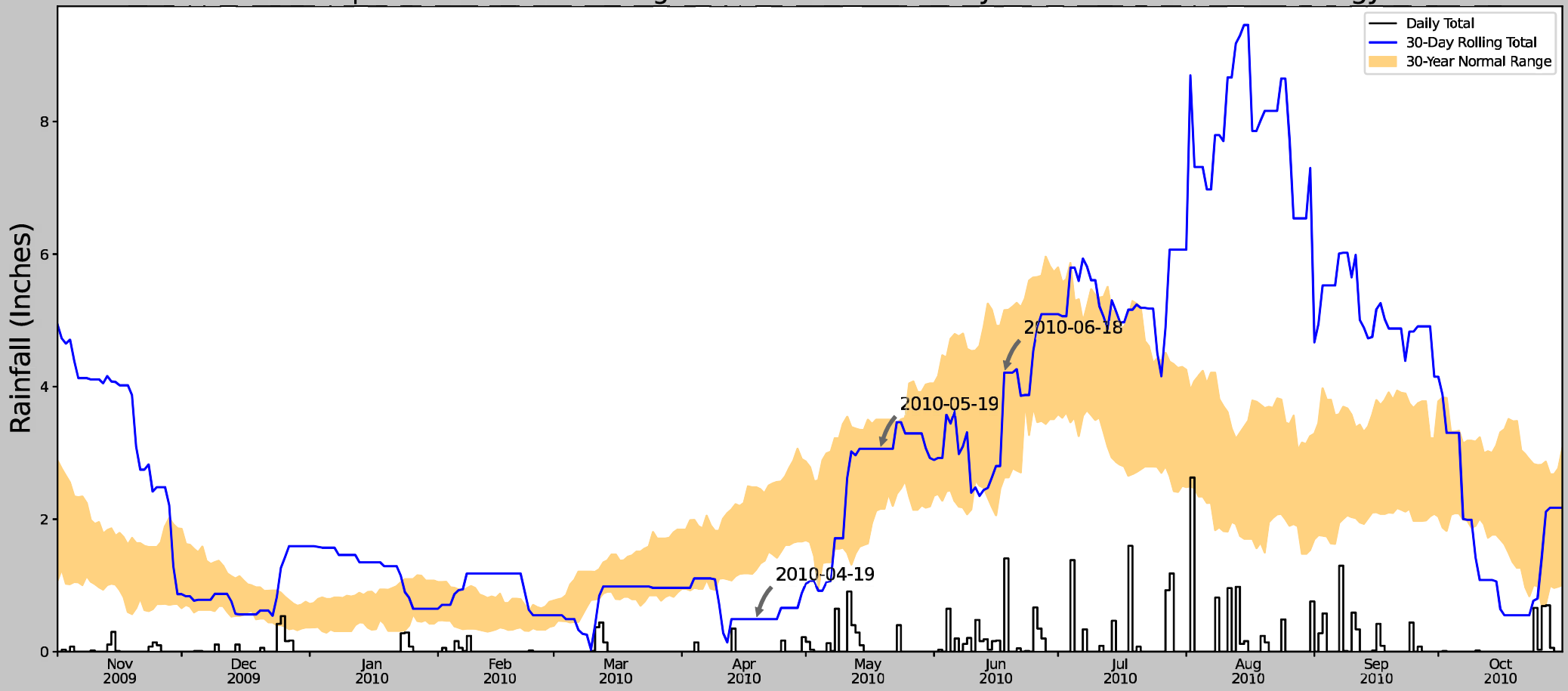
US Army Corps of Engineers

ERDC

Developed by:
U.S. Army Corps of Engineers and
U.S. Army Engineer Research and Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
WADENA 3 S	46.3939, -95.1494	1372.047	15.128	71.863	7.895	11120	89
VERNDALE 2.3 WSW	46.3904, -95.0689	1335.958	3.844	36.089	1.869	0	1
HEWITT 1.1 N	46.3406, -95.0945	1376.969	4.518	4.922	2.055	2	0
NEW YORK MILLS	46.5203, -95.3372	1415.026	12.497	42.979	6.161	216	0
OTTERTAIL	46.4144, -95.5464	1349.081	18.968	22.966	8.971	11	0
CARLOS 2 WSW	45.9653, -95.3386	1399.934	30.966	27.887	14.798	3	0
LONG PRAIRIE	45.9647, -94.8892	1339.895	32.162	32.152	15.507	1	0

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	46.1844, -95.0573
Observation Date	2010-06-18
Elevation (ft)	1443.91
Drought Index (PDSI)	Incipient wetness
WebWIMP H_2O Balance	Dry Season

30 Days Ending	30th %ile (in)	70th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2010-06-18	2.631102	5.15315	4.212599	Normal	2	3	6
2010-05-19	2.159449	3.500788	3.062992	Normal	2	2	4
2010-04-19	1.244488	2.482677	0.492126	Dry	1	1	1
Result							Normal Conditions - 11

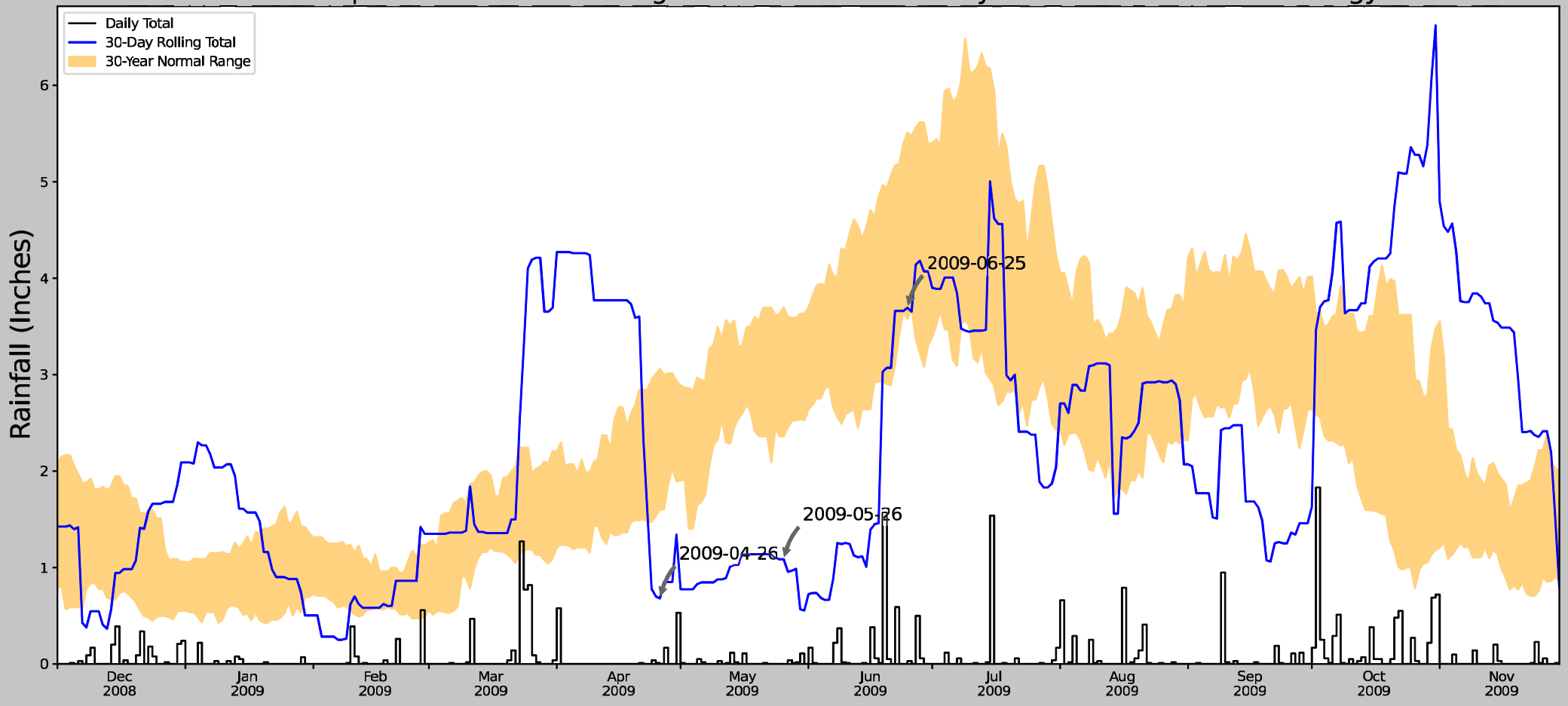
Figures and tables made by the
Antecedent Precipitation Tool
Version 3.0

US Army Corps of Engineers
ERDC

Developed by:
U.S. Army Corps of Engineers and
U.S. Army Engineer Research and
Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
WADENA 3 S	46.3939, -95.1494	1372.047	15.128	71.863	7.895	11122	90
NEW YORK MILLS	46.5203, -95.3372	1415.026	12.497	42.979	6.161	216	0
OTTERTAIL	46.4144, -95.5464	1349.081	18.968	22.966	8.971	11	0
CARLOS 2 WSW	45.9653, -95.3386	1399.934	30.966	27.887	14.798	3	0
LONG PRAIRIE	45.9647, -94.8892	1339.895	32.162	32.152	15.507	1	0

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	46.1844, -95.0573
Observation Date	2009-06-25
Elevation (ft)	1443.91
Drought Index (PDSI)	Mild drought
WebWIMP H_2O Balance	Dry Season

30 Days Ending	30th %ile (in)	70th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2009-06-25	3.577165	5.510236	3.692914	Normal	2	3	6
2009-05-26	2.359449	3.696851	1.086614	Dry	1	2	2
2009-04-26	1.599606	3.062205	0.681102	Dry	1	1	1
Result							Drier than Normal - 9

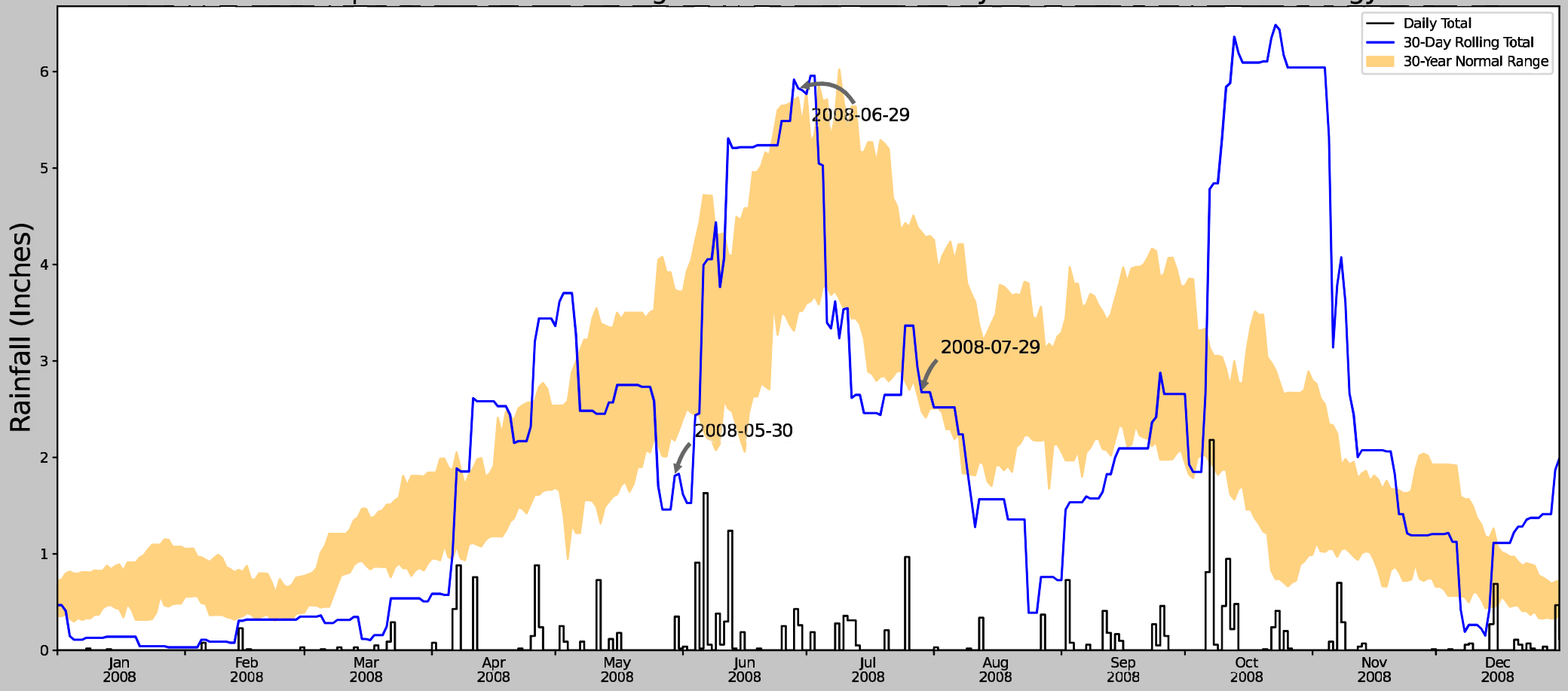
Figures and tables made by the
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ERDC

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Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
LONG PRAIRIE	45.9647, -94.8892	1339.895	17.186	104.015	9.521	10593	90
CARLOS 2 WSW	45.9653, -95.3386	1399.934	21.583	60.039	11.008	725	0
ALEXANDRIA CHANDLER FLD	45.8681, -95.3939	1419.948	25.162	80.053	13.337	35	0

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	46.1844, -95.0573
Observation Date	2008-07-29
Elevation (ft)	1443.91
Drought Index (PDSI)	Incipient wetness
WebWIMP H_2O Balance	Dry Season

30 Days Ending	30th %ile (in)	70th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2008-07-29	2.47874	4.337008	2.677165	Normal	2	3	6
2008-06-29	3.51063	5.73504	5.826772	Wet	3	2	6
2008-05-30	2.175984	3.738583	1.811024	Dry	1	1	1
Result							Normal Conditions - 13

Figures and tables made by the Antecedent Precipitation Tool Version 3.0

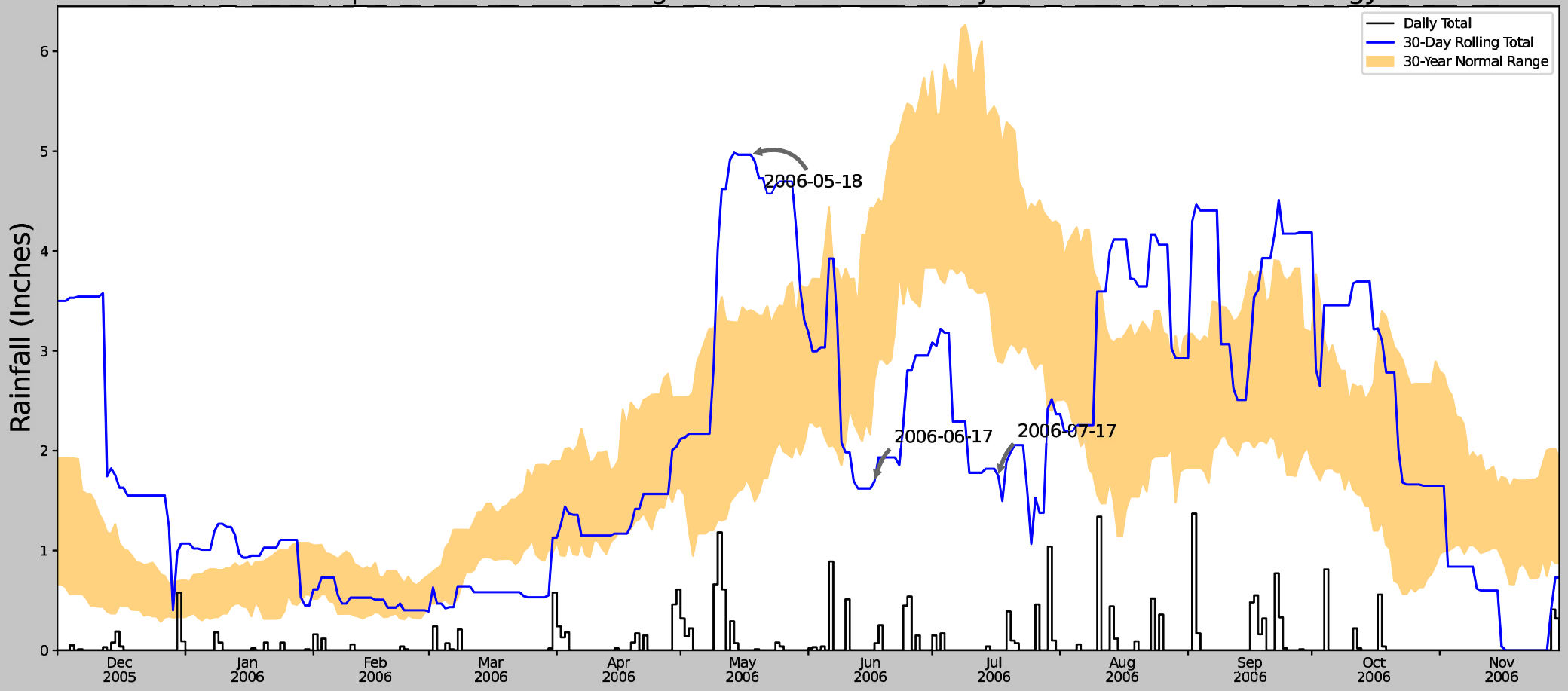
US Army Corps of Engineers

ERDC

Developed by:
U.S. Army Corps of Engineers and
U.S. Army Engineer Research and Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
WADENA 3 S	46.3939, -95.1494	1372.047	15.128	71.863	7.895	11333	90
NEW YORK MILLS	46.5203, -95.3372	1415.026	12.497	42.979	6.161	14	0
OTTERTAIL	46.4144, -95.5464	1349.081	18.968	22.966	8.971	3	0
CARLOS 2 WSW	45.9653, -95.3386	1399.934	30.966	27.887	14.798	1	0
LONG PRAIRIE	45.9647, -94.8892	1339.895	32.162	32.152	15.507	1	0

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	46.1844, -95.0573
Observation Date	2006-07-17
Elevation (ft)	1443.91
Drought Index (PDSI)	Moderate drought
WebWIMP H_2O Balance	Dry Season

30 Days Ending	30th %ile (in)	70th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2006-07-17	2.891732	5.346063	1.748032	Dry	1	3	3
2006-06-17	2.717717	4.427165	1.692913	Dry	1	2	2
2006-05-18	1.635827	3.407087	4.964567	Wet	3	1	3
Result							Drier than Normal - 8

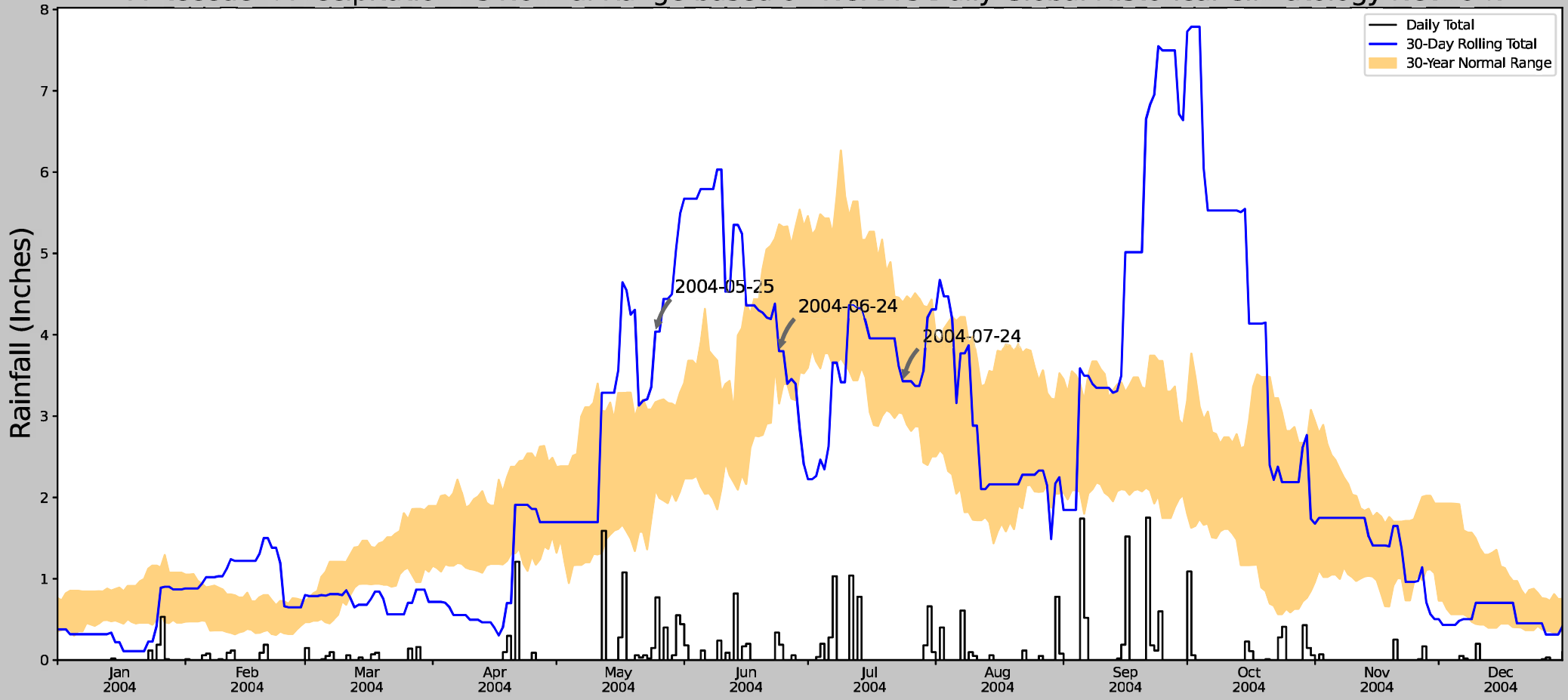
Figures and tables made by the
Antecedent Precipitation Tool
Version 3.0

US Army Corps of Engineers
ERDC

Developed by:
U.S. Army Corps of Engineers and
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Development Center

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
WADENA 3 S	46.3939, -95.1494	1372.047	15.128	71.863	7.895	11334	90
NEW YORK MILLS	46.5203, -95.3372	1415.026	12.497	42.979	6.161	14	0
OTTERTAIL	46.4144, -95.5464	1349.081	18.968	22.966	8.971	3	0
CARLOS 2 WSW	45.9653, -95.3386	1399.934	30.966	27.887	14.798	1	0
LONG PRAIRIE	45.9647, -94.8892	1339.895	32.162	32.152	15.507	1	0

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	46.1844, -95.0573
Observation Date	2004-07-24
Elevation (ft)	1443.91
Drought Index (PDSI)	Mild wetness
WebWIMP H_2O Balance	Dry Season

30 Days Ending	30th %ile (in)	70th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2004-07-24	3.032677	4.393307	3.429134	Normal	2	3	6
2004-06-24	3.155512	5.356693	3.799213	Normal	2	2	4
2004-05-25	2.094882	3.168898	4.03937	Wet	3	1	3
Result							Normal Conditions - 13

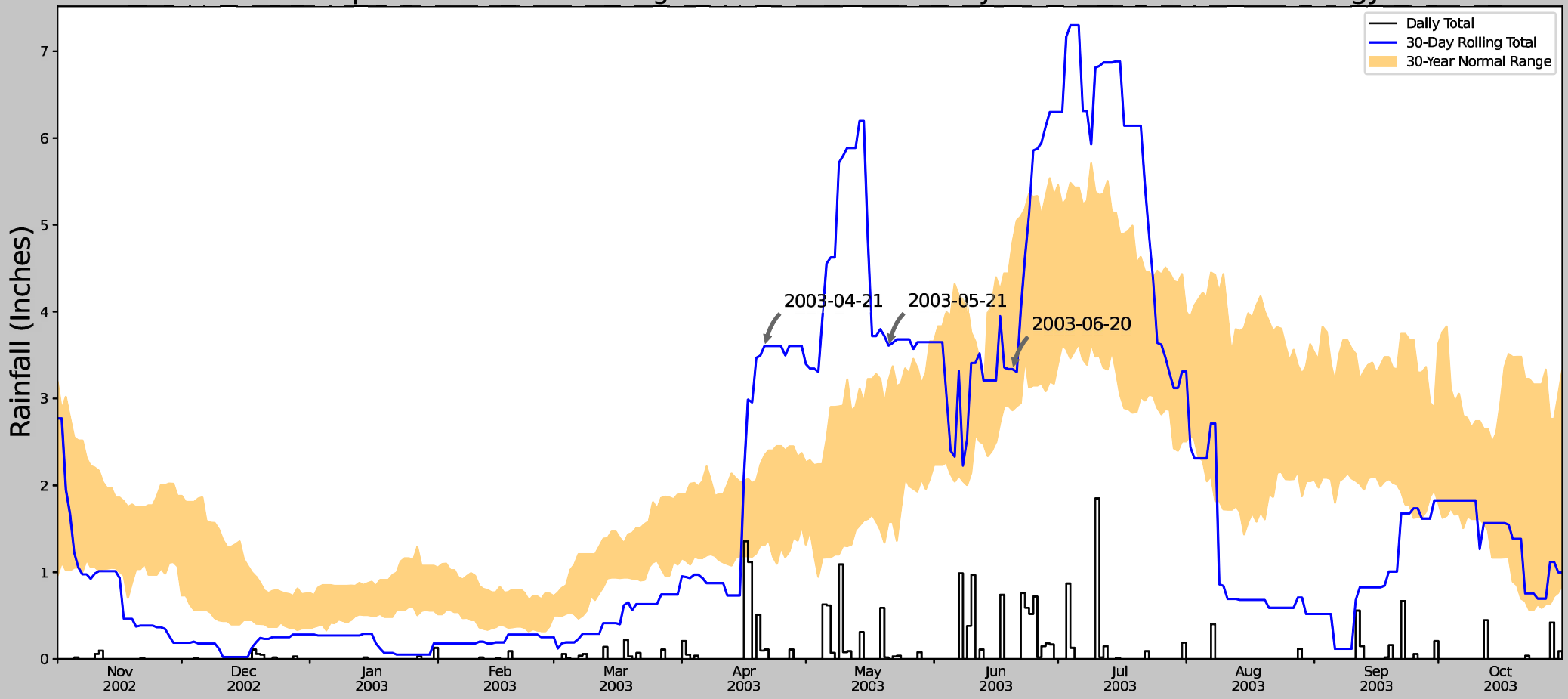
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US Army Corps of Engineers
ERDC

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Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
WADENA 3 S	46.3939, -95.1494	1372.047	15.128	71.863	7.895	11340	90
NEW YORK MILLS	46.5203, -95.3372	1415.026	12.497	42.979	6.161	8	0
OTTERTAIL	46.4144, -95.5464	1349.081	18.968	22.966	8.971	3	0
LONG PRAIRIE	45.9647, -94.8892	1339.895	32.162	32.152	15.507	1	0

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	46.1844, -95.0573
Observation Date	2003-06-20
Elevation (ft)	1443.91
Drought Index (PDSI)	Severe wetness
WebWIMP H_2O Balance	Dry Season

30 Days Ending	30th %ile (in)	70th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2003-06-20	2.865748	4.8	3.338583	Normal	2	3	6
2003-05-21	1.579921	3.208662	3.610236	Wet	3	2	6
2003-04-21	1.312992	2.345669	3.606299	Wet	3	1	3
Result							Wetter than Normal - 15

Figures and tables made by the Antecedent Precipitation Tool Version 3.0

US Army Corps of Engineers

ERDC

Developed by:
U.S. Army Corps of Engineers and
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Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
WADENA 3 S	46.3939, -95.1494	1372.047	15.128	71.863	7.895	11343	90
NEW YORK MILLS	46.5203, -95.3372	1415.026	12.497	42.979	6.161	7	0
OTTERTAIL	46.4144, -95.5464	1349.081	18.968	22.966	8.971	2	0
LONG PRAIRIE	45.9647, -94.8892	1339.895	32.162	32.152	15.507	1	0



Todd County
MINNESOTA

Todd County GIS
215 1st Ave S, Ste 102
Long Prairie, MN 56347
(Office) 320-732-4248

GIS Site Map

0 0.1 0.2 0.4 mi

N W E S

The Todd County GIS & Land Services Department has made every effort to provide the most accurate and up-to-date information available in this publication and cannot be held responsible for any unforeseen errors or omissions. If the recipient wishes to locate parcel corners and property lines, employ the services of a Registered Land Surveyor.

Printed on:
Thursday, November 20, 2025

Receipt # 2026-0025

WHERE THE FOREST MEETS THE PRAIRIE

Todd County

• MINNESOTA • EST. 1855 •

PLANNING & ZONING
215 1st Avenue South, Suite 103
Long Prairie, MN 56347
Phone: 320-732-4420 Fax: 320-732-4803
Email: ToddPlan.Zone@Co.Todd.MN.US

Received
FEB 10 2026
Todd County Planning & Zoning

CONDITIONAL USE PERMIT APPLICATION

Applicant Jacob N. Swartzentruber Mailing Address 21431 221 ST ave,
Site Address 21431 221 st ave.
Phone Number [redacted] E-Mail Address
Property Owners Name & Address (if not applicant) Noah M Swartzentruber

Parcel ID(s) 20-004050.00 Township Reynolds Lake/River Name
Zoning District *(circle one)*: (AF-1); AF2; R-2; R-10; UG; RT; Comm; L-M; or Shoreland.

Full and Current Legal Description(s) See attached
(attach if necessary)

Current tax statement or other proof of ownership attached ( ) yes ( ) no

Measurement of land involved: *Width* _____ *Length* _____ *Acres* 2 Acres

Septic System: Date installed 9-12-2011 Date of latest Compliance Inspection 2/6/2026
Is an upgrade needed: ( ) yes ( ) no

Site accessed by: (X) public road ( ) easement
If easement, is the easement legally recorded? ( ) yes ( ) no

Detailed Explanation of Request:
A.t.F. Conditional use permit to operate a sawmill with wholesale - Retail
Mon. Threw Fri. 7:30 Am. 4:30 P.m.
Family Plus 3 Employees
Proposed shop addition 40' x 44'

Did you meet with the Township Board to present the Application for Conditional Use Permit?
Yes X **No** _____ **Date of the meeting:** 2 / 2 / 2026

* Ronald Wettstein — Chairman
Optional Township Board Signature **Board Position**

Will the request create an excessive burden on the existing roads or other utilities? **Explain**

May average one Semi Truck per day more or less

Is the requested use compatible with the surrounding properties? **Explain**

yes compatible with ordinance and comp Plan

Could the use significantly depreciate near-by properties? **Explain**

NO

Will the structure and the use have an appearance that will not have an adverse effect on near-by properties? **Explain**

will not have adverse effect, there is screening on 3 sides

Will the requested use create an adverse affect on near-by properties because of noise, odor, glare, hours of operation, or general unsightliness? **Explain**

NO Property is well Kept

RETURN APPLICATION, SITE PLAN, SEWER INFORMATION AND ANY ADDITION INFORMATION, AND FEE TO:

Todd County Planning & Zoning Office
215 1st Ave South, Suite 103
Long Prairie, MN 56347

Fee: $600.00 or After-the-Fact Fee: $1,200.00 payable to "Todd County"

Only complete applications may be placed on an agenda

A PARCEL IN JOINT OWNERSHIP MUST PROVIDE WRITTEN SIGNATURE OF ALL OWNERS*

Applicant Name Printed	Signature	Date
Jacob Swartzentruber	Jacob Swartzentruber (Member)	2-2-26
Property Owner Name Printed	Signature (If different than applicant)	Date
Sevilla Swartzentruber Noah M Swartzentruber	Sevilla Swartzentruber Noah M Swartzentruber	2-2-26

A Conditional Use Permit expires and is considered invalid unless they are substantially completed within thirty-six months of the date the CUP is granted by the County Board (*Section 5.05(N) of the County Zoning Ordinance*).

WHERE THE FOREST MEETS THE PRAIRIE

Todd County

• MINNESOTA • EST. 1855 •

PLANNING & ZONING
215 1st Avenue South, Suite 103
Long Prairie, MN 56347
Phone: 320-732-4420 Fax: 320-732-4803
Email: ToddPlan.Zone@Co.Todd.MN.US

AUTHORIZED AGENT FORM – PUBLIC MEETINGS

I hereby authorize Jacob Swartzentruber to act as my authorized agent for all public hearing(s) and legal relations with this application on property located at:

Site address 21431 221st Ave., L.P., MN 56347

Section # 36 Township Name Reynolds

Parcel Number(s) 20-0040500

* Property Owner(s) name (print) Noah M Swartzentruber

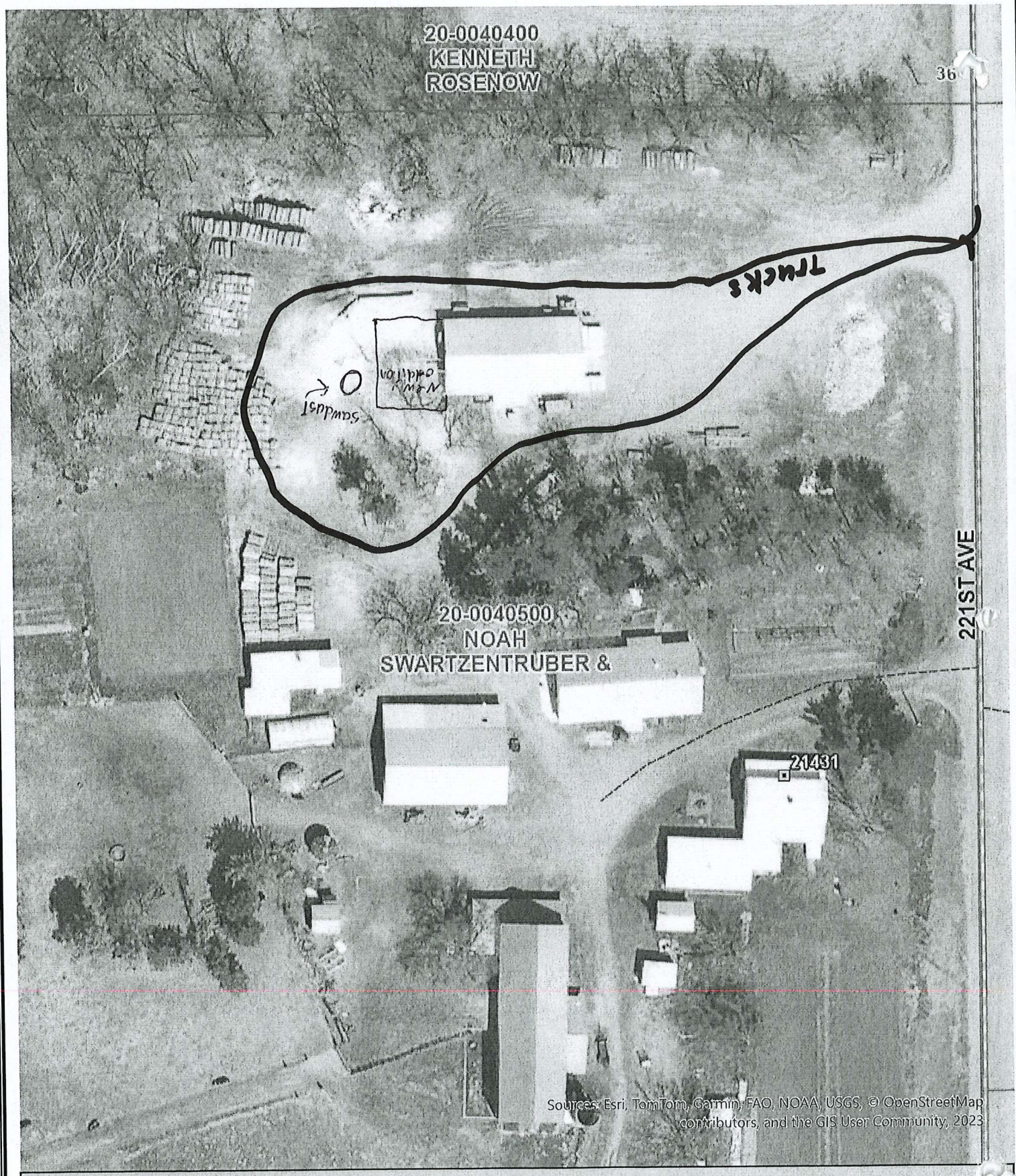
* Property Owner(s) Signature(s) Noah M Swartzentruber Date 2-2-26

Authorized Agent(s) name (print) Jacob Swartzentruber

Authorized Agent(s) Signature(s) Jacob Swartzentruber Date 2-2-26

Authorized Agent Phone Number [redacted] V.M.

Authorized Agent Email



Todd County
MINNESOTA

Todd County GIS
215 1st Ave S, Ste 102
Long Prairie, MN 56347
(Office) 320-732-4248

GIS Site Map

0 0.01 0.03 0.05 mi

0 0.01 0.03 0.05 mi

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Printed on:
Wednesday, January 28, 2026

WARRANTY DEED

Individual to Joint Tenants

No delinquent taxes & transfer entered; Certification of Real Estate Value ( ) filed ( ) not required
Certificate of Real Estate Value No. 0013658

December 19, 1997
Joyce Rosenau
County Auditor
by Susan Pudl
Deputy

STATE DEED TAX DUE HEREON: $ 108.90

Date: December 19, 1997

OFFICE OF COUNTY RECORDER
TODD COUNTY MINNESOTA

I hereby certify that
this instrument # 378158
was filed/recorded in this office
for record on the 19th day of
Dec 1997 at 1 am/pm
Cheryl Perish, County Recorder
by: Elaine Johnson Deputy
4.50 recording fee
well certificate
108.90 deed tax/mtg reg tax
BOS.

(recording data)

FOR VALUABLE CONSIDERATION, William R. Dinkel, a single man, Grantor, hereby conveys and warrants to Noah M. Swartzentruber and Cevilla M. Swartzentruber, Grantees, as joint tenants, real property in Todd County, Minnesota, described as follows:

N½ SW¼ of Section 36, Township 129 North, Range 34 West of the Fifth P.M.legal

The Grantor herein certifies that a well disclosure statement was previously filed on the above described property and that the well status has not changed.

together with all hereditaments and appurtenances belonging thereto, subject to the following exceptions:

NONE

COUNTY OF TODD
STATE OF MINNESOTA
DEED STAMP TAX . . $ 108.90
DATE 12-19-97 NO 1618

WILLIAM R. DINKEL

STATE OF MINNESOTA }
}ss.
COUNTY OF TODD }

The foregoing instrument was acknowledged before me this 19th day of December, 1997, by William R. Dinkel, a single man, Grantor.

NOTARY STAMP OR SEAL
THOMAS H SELLNOW
Notary Public – Minnesota
TODD COUNTY
My Comm. Expires January 31, 2000

Signature of Notary Public

20-40500

This Instrument Was Drafted By:

THOMAS H. SELLNOW
BROWN & SELLNOW
124 Lake Street, South - PO Box 60
Long Prairie, MN 56347
(320) 732-6112 FAX 732-6023
File # 97-5833

Send Tax Statements To:

Noah & Cevilla Swartzentruber
Route 3 Box 76
Long Prairie, MN 56347

Well Certificate received____
Well Certificate not required ✓



Todd County
MINNESOTA

Todd County GIS
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GIS Site Map

0 0.1 0.2 0.4 mi

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Printed on:
Wednesday, February 11, 2026