



AGENDA
OZAUKEE COUNTY BOARD
REGULAR MEETING
WEDNESDAY, SEPTEMBER 4, 2024 – 9:00 AM
ADMINISTRATION CENTER - ROOM A-204
121 W. MAIN STREET, PORT WASHINGTON, WI 53074

THE FOLLOWING BUSINESS WILL BE BEFORE THE COUNTY BOARD FOR INITIATION, DISCUSSION, CONSIDERATION, DELIBERATION AND POSSIBLE FORMAL ACTION:

The public can access the meeting by viewing the live stream at the link which will be opened five minutes before the call to order:

[County Board Live Stream](#)

The public can submit comments here: [Public Comment Form](#)

[Public Comment Policy](#) & [Instructions For Submitting Public Comments Online](#)

1. CALL TO ORDER

2. PLEDGE OF ALLEGIANCE TO THE FLAG

3. APPROVAL OF MINUTES

- a. August 7 & 21, 2024

4. PUBLIC COMMENT

Legislative Update

Chairperson's Proclamation

5. COMMUNICATIONS

6. CLAIMS

- a. Notice of Claim - Frontier

7. REPORT OF COUNTY ADMINISTRATOR

County Administrator's Report - September 2024

Lasata CBRF Update

2025 Budget Update

Not for Profit Tour - September 18, 2024

Strategic Plan and Visioning Next Steps

8. RESOLUTIONS

RES.24-15: Increase of Revenue 2024 - Planning & Parks

RES.24-16: Emergency Allocation of \$360,000 of County Project Fund to Replace Camera System for Ozaukee County Jail and Justice Center

RES.24-17: Town Road Bridge Aid for Town of Belgium's Kay-K Road Culverts

RES.24-18: Application and Acceptance of a Wisconsin Department of Natural Resources County Conservation Aids Grant for Prairie Restoration Activities in Hawthorne Hills County Park and Golf Course and Tendick Nature County Park

RES.24-19: Application and Acceptance of a Wisconsin Department of Natural Resources Regular Urban Forestry Grant for Forest Management Planning, Native Tree Planting and Inventory, Emerald Ash Borer Management and Education/Outreach Activities in Covered Bridge County Park, Mee-Kwon County Park, River Oaks County Park and Ulao Creek Nature Preserve

RES.24-20: We Energies Underground Easement for Electrical Service at Hawthorne Hills County Park and Golf Course

RES.24-21: Ozaukee County Land Information Plan 2025-2027

9. ORDINANCES

ORD.24-5: Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9

ORD.24-6: Amending Section 15.023 of the Ozaukee County Code of Ordinances Pertaining to P-1 Park and Recreation District

ORD.24-7: Amending Section 5.01 of the Ozaukee County Code of Ordinances - Pertaining to Rules and Regulations Governing County Parks

10. COMMITTEE APPOINTMENTS/REAPPOINTMENTS

September 2024 Committee Appointments/Reappointments

11. COMMITTEE REPORTS AND SUPERVISOR ANNOUNCEMENTS

12. ADJOURNMENT

Ozaukee County Board**AGENDA INFORMATION SHEET**

AGENDA DATE:	September 4, 2024
DEPARTMENT:	County Clerk
DIRECTOR:	Karen Niemuth
PREPARER:	Karen Niemuth

Agenda Summary August 7 & 21, 2024

August 7, 2024

[<https://www.ozaukeecounty.gov/AgendaCenter/ViewFile/Minutes/_08072024-3445>](https://www.ozaukeecounty.gov/AgendaCenter/ViewFile/Minutes/_08072024-3445)

August 21, 2024

[<https://www.ozaukeecounty.gov/AgendaCenter/ViewFile/Minutes/_08212024-3455>](https://www.ozaukeecounty.gov/AgendaCenter/ViewFile/Minutes/_08212024-3455)

OZAUKEE COUNTY BOARD

Ozaukee County Board**AGENDA INFORMATION SHEET**

AGENDA DATE:	September 4, 2024
DEPARTMENT:	Corporation Counsel
DIRECTOR:	Rhonda Gorden
PREPARER:	Beth Esselman

Agenda Summary Notice of Claim - Frontier

ATTACHMENTS:

- Frontier.PropertyDamage.NOTICE.OF.CLAIM (PDF)

OZAUKEE COUNTY BOARD



Claims Management Resources
PO Box 60770
Oklahoma City, OK 73146-0770
(800) 321-4158

*******NOTICE OF CLAIM*******

Date: 07-16-2024

CERTIFIED MAIL, RETURN RECEIPT REQUESTED

To: OZAUKEE COUNTY
BOARD OF SUPERVISORS
PO BOX 994
PORT WASHINGTON, WI 53074

CERTIFIED MAIL# 92148901066154000197469891

RE: Damage to FRONTIER Property

FRONTIER Claim Num: 2019267
Damage/Discovery Date: 07-11-2024
Damage Location: W3608 EVERGREEN RD, FREDONIA TOWN, WI
Damage County: OZAUKEE
Damage Amount: UNDETERMINED

Dear Sir/Madam:

Please be advised that FRONTIER Facilities sustained damage as a result of the negligent acts or omissions by employees or agents of OZAUKEE COUNTY .

Investigation has revealed that on or about 07-11-2024 employees or agents of OZAUKEE COUNTY, OZAUKEE COUNTY WAS INSTALLING A CULVERT AND DAMAGED FRONTIER FACILITIES in the area of W3608 EVERGREEN RD, FREDONIA TOWN, WI.

This letter is the written presentment of FRONTIER's claim pursuant to Wisconsin Statute s.893.80 (1) (a) & (b) .

REQUEST FOR GOVERNMENTAL NOTICE FORM

If your Governmental Entity requires the completion of its own form to complete proper notice, please forward a copy to the address listed above. Every good faith effort has been made to identify the proper office and address to perfect our notice. Please forward to your attorney, if misdirected, to contact us. Matters herein stated are alleged on information and belief this pleader believes to be true. If there is insurance to cover this matter, kindly advise as to the name of the insurance company, its address and the claim number assigned. If you have any questions, or need additional information, please contact CMR at 1-800-321-4158.

Sincerely,
Michelle Kellum

CMR Claims DEPT



NOTARY

Commission Expires

L. Harris
03/06/27

Ozaukee County Board

AGENDA INFORMATION SHEET

AGENDA DATE:	September 4, 2024
DEPARTMENT:	Administrator
DIRECTOR:	Jason Dzwinel
PREPARER:	Jason Dzwinel

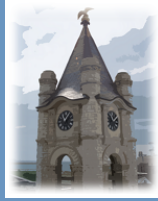
Agenda Summary County Administrator's Report September 2024

- a. Lasata CBRF Update
- b. 2025 Budget Update
- c. Not For Profit Tour - September 18, 2024
- d. Strategic Plan and Visioning Next Steps

ATTACHMENTS:

- County Administrator's Report September 2024 (PDF)

OZAUKEE COUNTY BOARD



County Administrator's Report

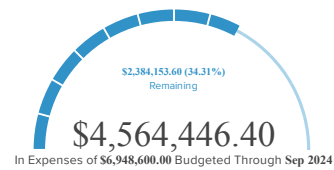
September 4, 2024

FINANCE

- Sales tax was \$1,136,642 compared to \$1,176,749 last June.
- Finance Committee selected CLA to assist county in ERP selection

Finance Committee

Data Updated Aug 29, 2024, 2:38 PM | [Prorated Budget](#)



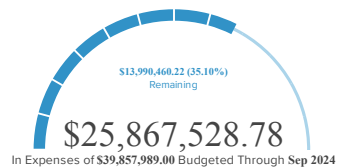
HUMAN SERVICES

- Committee tour of Lasata Campus and proposed CBRF site
- Lasata census remains stable.

Health and Human Services Committee

Health and Human Services Committee

Data Updated Aug 29, 2024, 2:38 PM | [Prorated Budget](#)

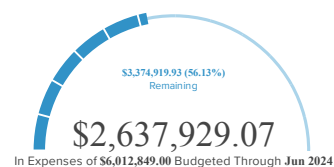


NATURAL RESOURCES

- Approved grant application of \$3.2M to restore habitat at Clay Bluffs Cedar Gorge Park
- Approved 2025-2027 Land Information Plan

Natural Resources

Data Updated Aug 29, 2024, 2:38 PM | [Prorated Budget](#)

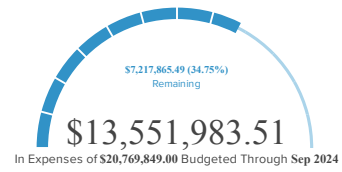


PUBLIC SAFETY

- Approved \$360,000 emergency repair of Jail and Justice Center camera system

Public Safety

Data Updated Aug 29, 2024, 2:38 PM | [Prorated Budget](#)

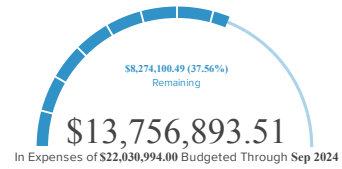


PUBLIC WORKS

- Reviewed plans to upgrade Transit facility, parking lot, common areas and offices.

Public Works

Data Updated Aug 29, 2024, 2:38 PM | [Prorated Budget](#)



RESOLUTION NO. 24-15

INCREASE OF REVENUE 2024 - PLANNING & PARKS

RESOLVED, by the Ozaukee County Board of Supervisors, that budgets be increased in the accounts as follows:

Department / Program

	<u>Account Number</u>	<u>Account Name</u>	<u>AMOUNT</u>	<u>AMOUNT</u>
<i>Planning & Parks</i>				
Expense	222-1-01-51101-000	Regular Salaries and Wages	\$479,999	
Expense	222-1-01-52002-000	Travel/Mileage	3,001	
Expense	222-1-01-53601-000	Other Material Supplies	131,000	
Expense	222-1-01-54106-000	Professional Services	50,000	
Expense	222-1-01-54533-000	Contracted Outside Employment	126,000	
Expense	222-1-01-55103-000	Highway - Grounds Maintenance/Construction	2,450,000	
Revenue	222-1-01-42110-000	Fed Aid - NOAA BILIRA - Sucker Creek		\$3,240,000

Dated at Port Washington, Wisconsin, this 4th day of September 2024.

SUMMARY: National Oceanic and Atmospheric Administration Transformational Habitat Restoration and Coastal Resilience Bipartisan Infrastructure Law and Inflation Reduction Act grant program for stream and wetland restoration activities on Sucker Creek in the Town of Belgium - \$3,240,000

VOTE REQUIRED: Two-Thirds of Members Elect

08/29/24

Finance Committee APPROVED

RESULT: **APPROVED [UNANIMOUS]**
MOVER: D. Larson, Vice-Chairperson
SECONDER: E. Stelter, Chairperson
AYES: Stelter, Larson, Richart, Clark, Arnett

FINANCE COMMITTEE

Finance Committee
AGENDA INFORMATION SHEET

AGENDA DATE:	September 4, 2024
DEPARTMENT:	County Clerk
DIRECTOR:	Karen Niemuth
PREPARER:	Tyler Quaas

Agenda Summary Increase of Revenue 2024 - Planning & Parks

ATTACHMENTS:

- Planning & Parks (PDF)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: August 8, 2024
DEPARTMENT: Planning and Parks
DIRECTOR: Andrew Struck
PREPARER: Andrew Struck

Agenda Summary Increase of Revenue Budget Amendment for a National Oceanic Atmospheric Administration Bipartisan Infrastructure Law and Inflation Reduction Act Transformational Habitat Restoration and Coastal Resilience Grant for Stream, Wetland, Floodplain and Habitat Restoration on Sucker Creek

BACKGROUND INFORMATION: The Ozaukee County - Planning and Parks Department (Department) was recommended for grant funding from the National Oceanic Atmospheric Administration (NOAA) Transformational Habitat Restoration and Coastal Resilience Bipartisan Infrastructure Law and Inflation Reduction Act (BILIRA) grant program to support County-sponsored fish and wildlife habitat restoration projects. Specifically, this grant will support County activities to conduct stream and wetland restoration activities on Sucker Creek in the Town of Belgium as a continuation of ongoing fish passage and habitat restoration work on Sucker Creek. Private foundation and landowner funding is supporting completion of design and engineering to remeander and restore several degraded stream reaches on Sucker Creek as an essential next step in improving the overall ecological diversity and sustainability of the watershed. The Department is coordinating with the design consultants, landowners, and the Ozaukee County Watershed Coalition (OCWC) on overall watershed restoration planning in conjunction with ongoing fish passage remediation or restoration work. The NOAA BILIRA grant will fund activities to implement design plans to provide in-stream diversity and a suitable gradient in conjunction with wetland and floodplain reconnection and restoration and environmental monitoring. Department staff and the Ozaukee County Highway Department will complete project activities.

ANALYSIS: The total NOAA BILIRA grant award is \$3,240,000. The Ozaukee County Natural Resources Committee unanimously approved the submittal and acceptance of the NOAA BILIRA grant at its November 2, 2023 meeting (Ayes: Holyoke, Jobs, Ross, Matera; Excused: Schoessow). No formal match is required, though the Department will leverage a secured Wisconsin Department of Natural Resources (WDNR) Office of Great Waters (OGW) (\$300,000) grant and pending Fund for Lake Michigan (FFLM) (\$250,000) and National Fish and Wildlife Foundation (NFWF) (\$200,000) grants for a total project cost of \$3,990,000. The original NOAA BILIRA grant request was \$6,000,000, however, the project scope was reduced to reflect the grant award amount (see attached project map).

FISCAL IMPACT: Balance Current Year: NONE

Next Year's Estimated Cost: NONE (Additional Program Revenue - \$3,240,000)

FUNDING SOURCE: County Levy: Non-County Levy: X

Indicate source: NOAA BILIRA grant, WDNR OGW (secured) grant, and pending FFLM and

RECOMMENDED MOTION: Approve and recommend to the Ozaukee County Board of Supervisors the budget amendment for the National Oceanic Atmospheric Administration Bipartisan Infrastructure Law and Inflation Reduction Act grant to support stream and habitat restoration activities on Sucker Creek.

NATURAL RESOURCES COMMITTEE

RESULT: **APPROVED AND FORWARDED [UNANIMOUS]Next: 8/29/2024 8:00 AM**

MOVER: T. Matera, Supervisor District 7

SECONDER: B. Ross, Vice-Chairperson

AYES: Holyoke, Ross, Jobs, Matera, Schoessow

Sucker Creek

Northern Post-Restoration Reach: ~5,935 linear ft

Southern Post-Restoration Reach: ~13,215 linear ft

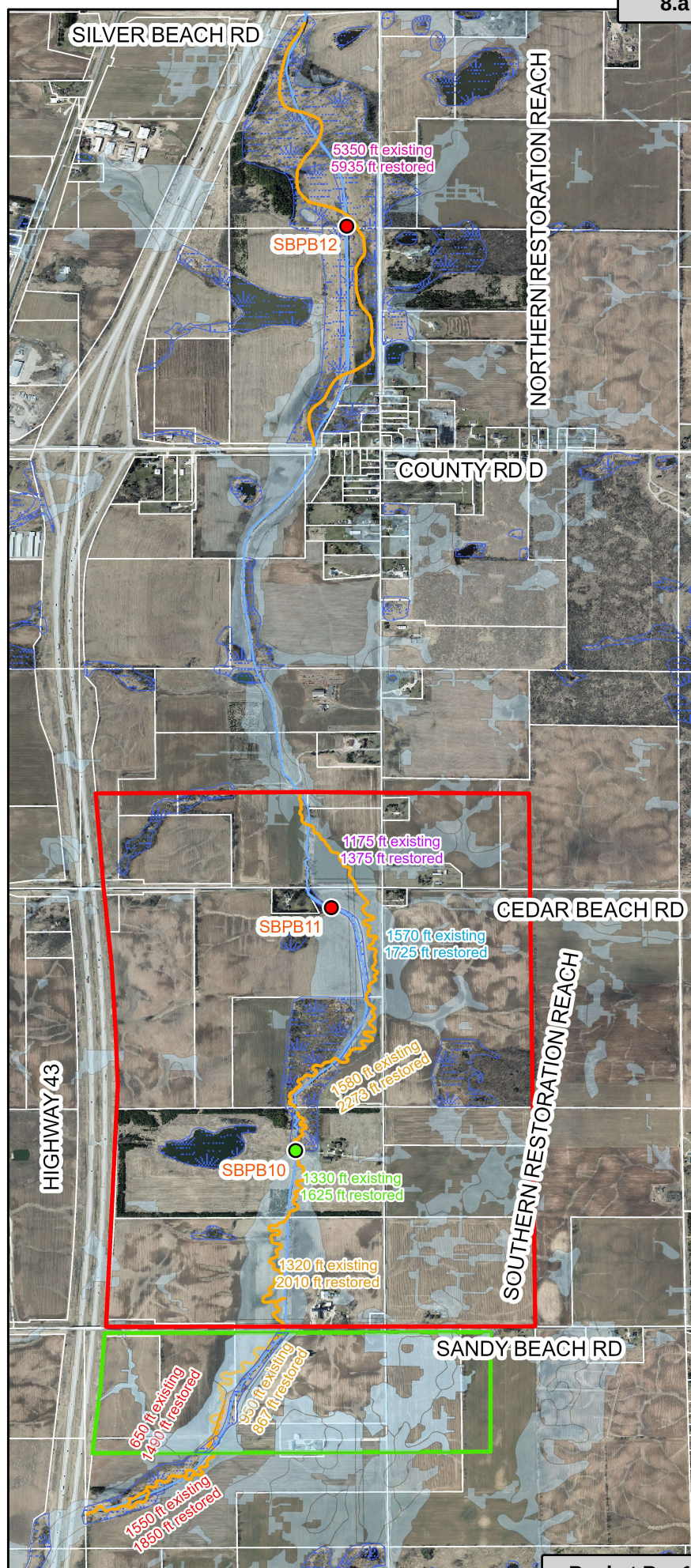
Total: ~19,150 linear ft of stream restored

0 0.19 0.38 0.75 Miles



Legend

- Removed Impediment
- Existing Culvert Impediment
- Proposed Channel
- Sucker Creek Existing Channel
- Wetland (WI Wetland Inventory 2019)
- Potentially Restorable Wetland
- Parcels
- NOAA BIL Project Area
- Leveraged Funding Project Area
- PotentiallyRestorableWetland_Clip
- Wetland_Clip



RESOLUTION NO. 24-16

EMERGENCY ALLOCATION OF \$360,000 OF COUNTY PROJECT FUND TO REPLACE
CAMERA SYSTEM FOR OZAUKEE COUNTY JAIL AND JUSTICE CENTER

WHEREAS, the security camera system supporting video surveillance in the Ozaukee County Jail and Justice Center is more than twenty-five years old; and

WHEREAS, the camera system has experienced recent catastrophic failures that have made the system inoperable in many areas of the jail, impacting the safety of the Ozaukee County Jail employees and the inmates who are housed in the Ozaukee County Jail; and

WHEREAS, the replacement of the camera system was planned for 2025 from the County Project Fund; and

WHEREAS, the equipment failures necessitate an emergency repair;

NOW, THEREFORE, BE IT RESOLVED, by the Ozaukee County Board of Supervisors that an emergency allocation of \$360,000 from the County Project Fund be allocated to support the replacement of the security camera system supporting video surveillance in the Ozaukee County Jail and Justice Center in the line-item accounts detailed below;

219-1-01-60000-046: Jail and Justice Center Camera System: \$360,000

Dated at Port Washington, Wisconsin, this 4th day of September 2024.

SUMMARY: Resolution making an emergency allocation from the County Project Fund to replace the camera system in the Ozaukee County Jail and Justice Center.

VOTE REQUIRED: Two-Thirds of Members Elect

08/20/24

Public Safety Committee

APPROVED

RESULT:	APPROVED [UNANIMOUS]
MOVER:	J. Hansher, Supervisor District 24
SECONDER:	S. Rishel, Vice-Chairperson
AYES:	Nelson, Rishel, Maguire, Hansher, Taylor

08/26/24

Executive Committee

APPROVED

RESULT: **APPROVED [UNANIMOUS]**
MOVER: E. Stelter, Supervisor District 18
SECONDER: R. Nelson, Supervisor District 6
AYES: Schlenvagt, Foy, Nelson, Holyoke, Stelter
EXCUSED: M. Wolf

PUBLIC SAFETY COMMITTEE

Public Safety Committee
AGENDA INFORMATION SHEET

AGENDA DATE:	September 4, 2024
DEPARTMENT:	Administrator
DIRECTOR:	Jason Dzwinel
PREPARER:	Jason Dzwinel

Agenda Summary Emergency Allocation of \$360,000 of County Project Fund to Replace Camera System for Ozaukee County Jail and Justice Center

BACKGROUND INFORMATION: The camera system operating in the Ozaukee County Jail and Justice Center has failed. This project was contemplated for funding in the 2025 Project Fund, however, the current state of equipment failure necessitates an emergency repair. The project involves a camera upgrade in the Justice Center and Jail Division. A total of (73) seventy-three analog cameras will be replaced. The project will include running Cat 6 cable to each camera. It also includes replacing (7) seven Bosch Video Management System workstations.

Replacing the remaining cameras will provide better monitoring capabilities which will increase security in the Justice Center and Jail Division. The picture quality will be enhanced and provide a clearer view. The Sheriff has a duty to ensure the safety of the inmates housed within the jail confines. It is imperative that the equipment we use to meet that goal is properly maintained and optimized.

ANALYSIS: Recent camera and control equipment failures on the Justice Center Camera System necessitate an emergency repair. Over the last several years, roughly \$15,000 - \$20,000 has been spent out of the jail budget annually to replace failed analog cameras with digital cameras. Recent failures are well beyond the previous years scope and have created a security issue in the Jail where inmate movements require Jailers to be present during inmate movements. When the camera system is operational inmate movements are monitored via the camera system.

Five original "Pan Tilt Zoom" cameras are inoperable due to the device that controls the ability to move the cameras, has failed. The device is 25 years old and no longer made. This causes the camera to be essentially useless, and 3 of them are in Maximum Security Living units. There is still 1 functioning fixed analog camera in each living unit, but the coverage is minimal and the images are grainy.

FISCAL IMPACT: \$360,000

FUNDING SOURCE: County Project Fund

RECOMMENDED MOTION: Staff respectfully requests that the Public Safety Committee approve the resolution making an emergency allocation from the County Project Fund to replace

the camera system in the Ozaukee County Jail and Justice Center.

ATTACHMENTS:

- Capital Project Request Form - Justice Center and Jail Division Camera Project (PDF)

Project Reserve Information Sheet			
Project Name:	Justice Center and Jail Division Camera Project		
Requested By:	Captain Lambrecht		
Project Owner:	Ozaukee County Sheriff's Office		
Start Date:	Upon Approval		
Project Costing - Detail Project Costs			
Funding Source (Please Check All that Apply):			
☒	Project Fund	☐	Grants
☐		☐	Dept. Reserve
☐		☐	Other
List All Funding Sources Selected:			
Source	Amount	Grant Information	
		N/A	
		N/A	
		N/A	
		N/A	
		N/A	
		N/A	
		N/A	
TOTAL PROJECT COST:		\$279,540.00	
Offsetting Revenue or Savings (If Applicable):			
Source		Amount	
		TOTAL	
Provide a narrative of project costs:			
The project involves a camera upgrade in the Justice Center and Jail Division. A total of (73) seventy-three analog cameras will be replaced. The project will include running Cat 6 cable to each camera. It also includes replacing (7) seven Bosch Video Management System workstations. This project will complete the camera system updates in the Justice system and Jail Division. (See proposal for details)			

Project Narrative - Define the Current State

Describe the need, urgency, or gap in service and risk of delay from a customer perspective:

The analog cameras in the Justice Center and Jail Division have reached their end of life. Analog cameras are no longer made and not available. When a camera fails, new Cat 6 cable has to be run and the camera replaced with a digital camera. This is not cost effective. In order to maximize the efficiency of the system the analog cameras need to be replaced with digital cameras.

Describe how the project impacts the department's level of service:

Replacing the remaining cameras will provide better monitoring capabilities which will increase security in the Justice Center and Jail Division. The picture quality will be enhanced and provide a clearer view. The Sheriff has a duty to ensure the safety of the inmates housed within the jail confines. It is imperative that the equipment we use to meet that goal is properly maintained and optimized.

Project Recommendation - Define the Suggested Course of Action

Define the project scope and why the project is an innovative solution:

The camera system backbone to the Justice Center and Jail Division is digital and up to date with current technology. The final step to optimize our system is to replace the remaining analog cameras with digital cameras.

Describe how the project addresses department objectives or countywide strategy:

This is the final update to the Bosch Video Management System (BVMS). It will ensure that staff is viewing the cameras in the best quality to ensure the safety of everyone in the facility. The ability to review video in the best quality possible is also extremely important.

Describe the project's impact on quality of life:

The upgrade will ensure that staff is able to closely monitor inmate and public activities via camera when necessary. The digital cameras provide much better picture quality and a wider angle which improves security in the facility.

Describe the project's impact on health and safety:

The primary mission of the Ozaukee County Sheriff's Office is to ensure the safety and security of the public and those we serve. Ensuring that the camera system is up to date and current will ensure we are meeting that objective. Deputies have the ability to monitor these cameras 24/7 and can quickly respond to incidents as they arise.

Describe how the project impacts department operations using business objectives:

The cameras throughout the Justice Center and Jail Division aid Deputies in ensuring the safety of inmates, staff, volunteers, and the public.

BUSINESS OBJECTIVE EXAMPLES – Description will define performance measures

Business Goal/Objective	Description
Increase Revenue	Describe impact on revenue and timelines
Control Costs	Describe impact on costs and timelines
Customer Deliverables	How does the project meet customer expectations
Partnerships	Describe how the project leverages internal and external partnerships
Customer Service	How does the impact improve customer service internally and externally
Investment in Innovation	What is innovative about the approach
Reduce Errors	How will the project reduce errors in work
Improve Safety	How will the project improve safety
Impact on Energy Usage	What is the impact of energy usage
Streamline Business Process	Define efficiencies in process
Ensure Compliance	How does the project ensure legal/policy compliance
Improve Reporting or Transparency	How will the project impact the dissemination of information
Improve Community Outreach	Define impacts on community partnerships
Improve Staff Skills	How will the project improve the analytical or technical skills of staff
Build Performance Measures	How will the project allow for improved reporting of performance
Improve Productivity and Performance	How will the project impact staff output and goal attainment
Development of Leaders	How will the project assist with stability and succession

RESOLUTION NO. 24-17

TOWN ROAD BRIDGE AID FOR TOWN OF BELGIUM'S KAY-K ROAD CULVERTS

WHEREAS, Wisconsin State Statutes allow for Townships to seek fifty-percent (50%) funding for bridges or culverts with a 36-inch or greater span through their respective County as prescribed in Wisconsin State Statutes Section 82.08 - Town bridges or culverts; construction and repair; county aid; and

WHEREAS, the Town Board of the Town of Belgium, by resolution, passed and adopted on June 3rd, 2024, a petition for aid to replace two (2) culverts under Kay-K Road; and

WHEREAS, the aforementioned culverts are in poor condition and need to be replaced; and

WHEREAS, the proposed culverts will meet the standards and specifications for design and construction set by Wisconsin Department of Transportation (WisDOT); and

WHEREAS, the Town requests that the County equally share in 50% of the cost of the culverts replacement, which is estimated to cost \$51,800 or \$25,900 each; and

WHEREAS, the county's share of this bridge replacement will be levied against the Township Residents in Ozaukee County;

NOW, THEREFORE, BE IT RESOLVED by the Ozaukee County Board of Supervisors that the Petition is hereby granted.

BE IT FURTHER RESOLVED that upon the filing of written notice with the County Public Works Committee by the Town of Belgium Town Board that the work has been completed and accepted by the Town Board, the County's share of the project costs shall be disbursed to the Town upon approval by the Public Works Committee and acquisition of the levied funds by the County Clerk.

Dated at Port Washington, Wisconsin, this 4th day of September, 2024.

SUMMARY: Town of Belgium's Bridge Aid Request to Replace Culverts on Kay-K Road.

VOTE REQUIRED: Majority

08/22/24

Public Works Committee

APPROVED

RESULT: **APPROVED [UNANIMOUS]**
MOVER: J. Strom, Supervisor District 21
SECONDER: T. Grabow, Vice-Chairperson
AYES: Wolf, Grabow, Strom, Bichler, Vogel

PUBLIC WORKS COMMITTEE

Public Works Committee
AGENDA INFORMATION SHEET

AGENDA DATE:	September 4, 2024
DEPARTMENT:	Highway
DIRECTOR:	Jon Edgren
PREPARER:	Jon Edgren

Agenda Summary Town Road Bridge Aid for Town of Belgium's Kay-K Road Culverts

BACKGROUND INFORMATION:

Wisconsin State Statute 82.08 - Town Bridges or Culverts; Construction and Repair; County Aid (attached) provides Townships with a method to assist in the reconstruction of larger culverts or bridges by obtaining reimbursement of 50% of construction related costs from their County. The County's portion will be levied against Township Residents within the County.

Section (2)(b) does allow for County's to refuse these petitions, but only if the County Board hasn't granted County Bridge Aid previously. However, Ozaukee County has approved County Bridge Aid at various times, so I believe that there is no ability to decline the request.

In this particular case, the Town of Belgium is planning to replace multiple culverts along Kay-K Road between Sections 24 and 25, and two (2) of those culverts are greater than 36-inches, which is the minimal size to be eligible for Town Road Bridge Aid.

The Town of Belgium's estimated construction-related costs is \$51,800, which would lead to the Town of Belgium and Ozaukee County responsible for \$25,900 each. Attached is the Town of Belgium's petition.

ANALYSIS:

The Town of Belgium is planning for replacements of the culverts this Fall along Kay-K Road. As part of Wisconsin State Statute 82.08 (5) Supervision over Design, Construction, and Cost, the County Highway Committee, along with the Town Board if interested, is given full charge of construction. Therefore, if the proposed work is able to be completed by County staff, then we plan to perform the construction.

Attached is the proposed resolution directing the set-aside of funds for the Town of Belgium's request. Per Section (2)(a), the funds should be set aside in a separate account administered by the Highway Department for future payments.

FISCAL IMPACT:

Balance Current Year: --

Next Year's Estimated Cost: \$25,900

FUNDING SOURCE:

County Levy: --

Non-County Levy: \$25,900

Indicate source: Levy to Ozaukee County Township Residents

RECOMMENDED MOTION:

Approve the Town of Belgium's Town Road Bridge Aid request for Kay-K Road Culverts, and forward to the Ozaukee County Board for approval.

ATTACHMENTS:

- WI State Statutes - 82.08 - Town Bridges & County Aid (PDF)
- T-Belgium - Kay-K Rd - Town Road Bridge Aid Request - 7-30-24 (PDF)

Wisconsin State Statutes

82.08 Town bridges or culverts; construction and repair; county aid.

- (1) PETITIONS. A town that has voted to construct or repair any bridge or culvert that is on, or that after the construction will be connected to, an existing highway maintained by the town may file a petition for county aid with the county highway commissioner. The petition shall describe the location and size of the bridge or culvert and shall contain a statement that the town has provided the funds required by sub. (3).
- (2) FUNDING REQUIREMENTS.
 - (a) Except as provided in par. (b), upon receipt of a petition for a bridge or culvert with a 36-inch or greater span, or a structure of equivalent capacity to carry water, the county board shall appropriate the sum required by sub. (3) and shall levy a tax therefor. The tax, when collected, shall be held in a separate account administered by the county highway committee.
 - (b) If on January 1, 2003, a county has a policy of providing funding only for bridges and culverts larger than the requirement of par. (a), the county may refuse to fund bridges and culverts that do not meet the minimum requirements of that policy. The minimum size bridge or culvert that a county is required to fund under this section may be raised, but not lowered, by the affirmative vote of a majority of the towns in the county. The county board of any county that has never granted aid under this section may, in its discretion, refuse all petitions under sub. (1).
- (3) SHARED COST. The town and county shall each pay one-half of the cost of construction or repair. In determining the cost of construction or repair of any bridge or culvert, the cost of constructing or repairing any approach not exceeding 100 feet in length shall be included.
- (4) EMERGENCY PETITION. Whenever the construction or repair of any bridge or culvert must be made without delay, the town board may file its petition with the county clerk and the county highway committee, explaining the necessity for immediate construction or repairs. It shall then be the duty of the town board and the county highway committee to construct or repair the bridge or culvert as soon as practicable. The construction or repair of a bridge or culvert undertaken pursuant to this subsection shall entitle the town to the same county aid that the town would have been entitled to had it filed its petition with the county board as provided in sub. (1).
- (5) SUPERVISION OVER DESIGN, CONSTRUCTION, AND COST.
 - (a) Except as provided under par. (b), the county highway committee and the town board shall have full charge of design, sizing, letting, inspecting, and accepting the construction or repair, but the town board may leave the matter entirely in the hands of the county highway committee. The county highway committee and the town board must agree on the cost of the project and must consult each other during construction.
 - (b) For a project receiving funds under s. 84.18, supervision and control of construction of the project shall be as provided under s. 84.18 (6).
- (6) CONSTRUCTION REQUIREMENTS. No county order may be drawn under sub. (2) for the construction of a bridge or culvert unless the design and construction comply with requirements under s. 84.01 (23).
- (7) NO TAX. Except as provided in ss. 61.48 and 84.14 (3), nothing contained in this section shall authorize the levy of a tax upon the property in any city or village that is required to maintain its own bridges.
- (8) ADMINISTRATION CHARGE. The county may charge the towns that apply for aid under this section an administration charge. The administration charge shall be fixed as a percentage of the total costs of administering aid under this section and the percentage shall be no more than the percentage that the county charges the state for records and reports.

History: 1977 c. 190; 1981 c. 296; 1983 a. 192 s. 303 (2); 1983 a. 532; 2003 a. 214 ss. 140 to 145, 147, 159; Stats. 2003 s. 82.08; 2013 a. 152; 2023 a. 162.

NOTE: 2003 Wis. Act 214, which affected this section, contains extensive explanatory notes.

The county is obligated to pay its half of the cost of construction or repair of a bridge even if the final cost exceeds the amount the town requested in the petition. An estimate is sufficient in a petition for aid. Costs need not be determined exactly. Town of Grand Chute v. Outagamie County, [2004 WI App 35](#), [269 Wis. 2d 657](#), [676 N.W.2d 540](#), [03-1897](#).

The bridge at issue in this case was not a "bridge on a highway maintainable by the town" under s. 81.38 [now this section] because the bridge aid petition did not request funding to help connect the bridge to a highway maintainable by the town, there was no existing highway extending to the planned bridge site at the time of the petition, and the bridge was not connected to a highway maintainable by the town upon completion. Section 81.38 requires funding for only those bridges built on highways in existence at the time of a bridge's construction. Town of Madison v. County of Dane, [2008 WI 83](#), [311 Wis. 2d 402](#), [752 N.W.2d 260](#), [06-2554](#).

Although a 2003 act changed the phrase "highway maintainable" to "highway maintained," this amendment did not change the substantive meaning of the statute. Town of Madison v. County of Dane, [2008 WI 83](#), [311 Wis. 2d 402](#), [752 N.W.2d 260](#), [06-2554](#).

NOTE: The above annotations cite to s. 81.38, the predecessor statute to this section.

The Town of Belgium, Wisconsin

IN THE NAME AND BY THE AUTHORITY OF THE TOWN OF BELGIUM, WISCONSIN

RESOLUTION 2024-01

"Resolution Petitioning Ozaukee County Bridge Repair Funding for two Kay-K Road culverts"

WHEREAS, the Town of Belgium is an unincorporated Town within Ozaukee County, Wisconsin; and

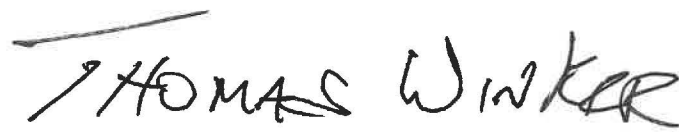
WHEREAS, The Town of Belgium maintains all culverts in the Town of Belgium, with the culverts on Kay-K Road being two of those culverts; and

WHEREAS, the Town Board of Supervisors is respectfully petitioning Ozaukee County for 50% of any Costs associated with the replacement of the aforementioned culvert pipes.

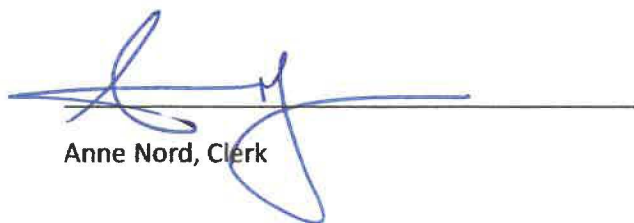
- Ozaukee County is designated the responsibility of determining priorities of projects for the use of County funding eligible for projects, such as these culvert replacements.
- These culverts have been identified as being deficient.
- The Town of Belgium is completing a culvert replacement project on Kay-K Road between sections 24 and 25, which is a main North-South road in the Township. There are seven culverts that have been determined to be at the end of their life span. Two of these qualify for Ozaukee County Bridge Repair Funding. Measuring at 6 feet x 76 feet and 4 feet x 68 feet.
- The estimated cost is \$51,800. The Town of Belgium is respectfully requesting from Ozaukee County funding +/- \$25,900 (50%).
- The project is set to be constructed in 2024 by Ozaukee County Highway Department.

NOW THEREFORE, BE IT RESOLVED that the Town Board of Supervisors in Belgium, Wisconsin, does hereby petition Ozaukee County for reimbursement of 50% of costs associated with this project.

Passed and adopted this 3rd day of June, 2024



Thomas Winker, Town Chairman



Anne Nord, Clerk

RESOLUTION NO. 24-18

APPLICATION AND ACCEPTANCE OF A WISCONSIN DEPARTMENT OF NATURAL
RESOURCES COUNTY CONSERVATION AIDS GRANT FOR PRAIRIE RESTORATION
ACTIVITIES IN HAWTHORNE HILLS COUNTY PARK AND GOLF COURSE AND
TENDICK NATURE COUNTY PARK

WHEREAS, the Ozaukee County Planning and Parks Department was invited to apply for Wisconsin Department of Natural Resources County Conservation Aids grant funding under a competitive request for proposals; and

WHEREAS, the Wisconsin Department of Natural Resources has grant funding available through the County Conservation Aids program specifically for the installation of fish and game projects under s. 23.09(12), Wis. Stats; and

WHEREAS, Ozaukee County desires to participate in county fish and game projects pursuant to provisions of s. 23.09(12) of the Wisconsin Statutes; and

WHEREAS, the primary project goal is to restore a total of 2.5 acres of old-field and turf grass into native warm-season prairie in Hawthorne Hills County Park and Golf Course (1.3 acres) and Tendick Nature County Park (1.2 acres) in the Town of Saukville; and

WHEREAS, this project is consistent with the adopted *Multi-Jurisdictional Comprehensive Plan for Ozaukee County: 2035*, the adopted *Park and Open Space Plan for Ozaukee County: 2035*, and the *Ozaukee County Land and Water Resource Management Plan*; and

WHEREAS, this project will assist with invasive species management and improve habitat for native and imperiled species of insects (pollinators), birds and other wildlife in the park, by restoring a 2.5-acre native warm-season prairie; and

WHEREAS, the legislature of the State of Wisconsin enacted legislation providing for allocation to the respective counties in that state on an acreage basis for county fish and game projects on the condition that the counties match the state allocation; and

WHEREAS, Ozaukee County has budgeted an amount equal to the local share of project costs and the required match funds would be provided by additional grant funding from pending Natural Resources Foundation C.D. Besadny Conservation grant, and in-kind staff time, travel/mileage, and equipment and supplies; and

NOW, THEREFORE, BE IT RESOLVED, by the Ozaukee County Board of Supervisors that the Director of the Ozaukee County Planning and Parks Department is authorized on behalf of Ozaukee County to sign and submit a Wisconsin Department of Natural Resources County Conservation Aids grant application, accept the grant funding award, take necessary actions to initiate, direct, and complete the approved project within the provided funding timeline, submit to WDNR reimbursement claims along with necessary supporting documentation within one (1) year of project end date, and will obtain approval in writing from the WDNR before any change is made in the use of the project site; and

BE IT FURTHER RESOLVED that Ozaukee County will comply with all the federal and state laws related to the County Conservation Aids program, may perform force account work, and will maintain complete and accurate project accounting according to the WDNR project

agreement for these funds.

Dated at Port Washington, Wisconsin, this 4th day of September, 2024.

SUMMARY: Submittal of a Wisconsin Department of Natural Resources County Conservation Aids grant for prairie restoration activities in Hawthorne Hills County Park and Golf Course and Tendick Nature County Park.

VOTE REQUIRED: Majority

NATURAL RESOURCES COMMITTEE

08/08/24

Natural Resources Committee

APPROVED

RESULT: **APPROVED [UNANIMOUS]**
MOVER: B. Ross, Vice-Chairperson
SECONDER: K. Schoessow, Supervisor District 23
AYES: Holyoke, Ross, Jobs, Matera, Schoessow

NATURAL RESOURCES COMMITTEE

Natural Resources Committee
AGENDA INFORMATION SHEET

AGENDA DATE:	September 4, 2024
DEPARTMENT:	Planning and Parks
DIRECTOR:	Andrew Struck
PREPARER:	Andrew Struck

Agenda Summary Application and Acceptance of a Wisconsin Department of Natural Resources County Conservation Aids Grant for Prairie Restoration Activities in Hawthorne Hills County Park and Golf Course and Tendick Nature County Park

BACKGROUND INFORMATION: The Ozaukee County Planning and Parks Department (Department) proposes to submit a grant application to the Wisconsin Department of Natural Resources (WDNR) County Conservation Aids (CCA) grant program to support County-sponsored fish and wildlife habitat restoration projects. Specifically, this grant will support County activities to restore a total of 2.5 acres of old-field and turf grass into native warm-season prairie in Hawthorne Hills County Park and Golf Course (1.3 acres) and Tendick Nature County Park (1.2 acres) in the Town of Saukville. The Department has been intensely managing the Hawthorne Hills County Park and Golf Course and Tendick Nature County Park for invasive species, restoring woodlands, wetlands and grasslands with native vegetation and providing bird habitat through bird box installation. The WDNR CCA grant will support additional Department activities to purchase seed and restore old field and turf grass to native prairie to provide habitat for grassland bird species and pollinators (e.g. bees and butterflies) within each park. The diversity of plant species will also provide an attractive display of flowers and grasses, further beautifying the park spaces. Project activities will be completed by Department staff.

This project is supported by the [County Park and Open Space Plan](https://www.co.ozaukee.wi.us/645/Park-Open-Space) [<https://www.co.ozaukee.wi.us/645/Park-Open-Space>](https://www.co.ozaukee.wi.us/645/Park-Open-Space) [<https://www.co.ozaukee.wi.us/645/Park-Open-Space>](https://www.co.ozaukee.wi.us/645/Park-Open-Space) within the standards set for the preservation and management of open spaces including natural areas, critical species habitats, primary and secondary environmental corridors and isolated natural resource areas to maintain their natural value (pages 77 - 92, 111) and the [Comprehensive Plan for Ozaukee County: 2035](http://www.sewrpc.org/SEWRPCFiles/Publications/CAPR/capr-285-comp-plan-for-ozaukee-co.pdf) [<http://www.sewrpc.org/SEWRPCFiles/Publications/CAPR/capr-285-comp-plan-for-ozaukee-co.pdf>](http://www.sewrpc.org/SEWRPCFiles/Publications/CAPR/capr-285-comp-plan-for-ozaukee-co.pdf) [<http://www.sewrpc.org/SEWRPCFiles/Publications/CAPR/capr-285-comp-plan-for-ozaukee-co.pdf>](http://www.sewrpc.org/SEWRPCFiles/Publications/CAPR/capr-285-comp-plan-for-ozaukee-co.pdf) “Agricultural, Natural, and Cultural Resources Issue” with the objective of preserving and enhancing the park and open space system within Ozaukee County (pages 318 - 326) and the [County Strategic Plan 2020-2024](https://www.co.ozaukee.wi.us/DocumentCenter/View/14493/Ozaukee-County-Strategic-Plan-2020-24) [<https://www.co.ozaukee.wi.us/DocumentCenter/View/14493/Ozaukee-County-Strategic-Plan-2020-24>](https://www.co.ozaukee.wi.us/DocumentCenter/View/14493/Ozaukee-County-Strategic-Plan-2020-24) [<https://www.co.ozaukee.wi.us/DocumentCenter/View/14493/Ozaukee-County-Strategic-Plan-2020-24>](https://www.co.ozaukee.wi.us/DocumentCenter/View/14493/Ozaukee-County-Strategic-Plan-2020-24) (page 10) related to the enhance quality of life assets strategic goal.

ANALYSIS: Proposals to the WDNR CCA grant program are due October 1, 2024. The CCA grant program revenue comes from the sale of hunting and fishing licenses and state sales tax on

hunting and fishing equipment. Funding allocations for Wisconsin's southeast region typically totals approximately \$8,457, and the total grant award is dependent on the number of awarded grants. Total funding requested under this grant is \$2,775. The RFP requires a 50% match, which will be provided by a pending Natural Resources Foundation (NRF) C.D. Besadny Conservation grant, and the Department budget through in-kind staff time, equipment, supplies and mileage for a total project cost of \$5,557.

FISCAL IMPACT: Balance Current Year: NONE (Additional Program Revenue - \$2,775)

Next Year's Estimated Cost: NONE

FUNDING SOURCE: Non-County Levy: X

Indicate source: WDNR CCA grant, NRF C.D. Besadny Conservation grant (pending), and in-kind Department staff time, travel/mileage, equipment and supplies.

RECOMMENDED MOTION: Approve and recommend to the Ozaukee County Board of Supervisors the resolution for submittal and acceptance of a grant by the Planning and Parks Department to the Wisconsin Department of Natural Resources - County Conservation Aids Program to support prairie restoration activities in Hawthorne Hills County Park and Golf Course and Tendick Nature County Park in the Town of Saukville.

ATTACHMENTS:

- P&P_Dept_WDNRCCAProgramGuidance (PDF)
- Grant Application
Summary_WDNRCCA_HawthorneHills&Tendick_PrairieRestoration_ATSFinal073124 (PDF)
- P&P_Dept_HawthorneHills Park and GC Prairie Restoration_Map (PDF)
- P&P_Dept_Tendick_Prairie Restoration_Map (PDF)

Program Guidance: County Conservation Aids Program

Overview

County Conservation Aids program is authorized under s. 23.09(12), Wis. Stats., and provides financial assistance to counties and tribal governing bodies to enhance county fish and wildlife programs. The Department of Natural Resources (DNR) administers this grant program with the assistance of s. NR 50.14, Wis. Adm. Code.

The program was established by the Wisconsin Legislature in 1965 as an alternative to bounty payments on coyote, foxes, and bobcats. Every year since the bounty program ended, the Legislature has appropriated funding for the program equal to the average annual bounty payment.

These funds are provided as a cost share grant program to counties and tribal governing bodies for fish and wildlife habitat projects. Funds appropriated in the current Biennial Budget, are offered on an annual basis in proportion to the ratio of the area of each county (less reservation lands) or area of reservation lands, to the total area of the state.

Eligible Applicants

Counties and tribal governing bodies ("county") are eligible to apply for County Conservation Aids for eligible projects.

Application Deadline

Applications must be received by the DNR grant program manager by 11:59 p.m. on October 1.*

*NOTE: Per s. 990.001(4)(c), Wis. Stats., if any application deadline falls on a Saturday, Sunday, or state holiday, the deadline is moved to the next state working day.

Funding Process

Counties have the option to: 1) accept their award; 2) accept their award and request additional funds; or 3) decline their award. To accept the award amount or accept and request additional funds, the county's authorized representative must sign, date, and return the application form 8700-045A (which is also considered the **grant agreement**), to the DNR grant program manager via email no later than October 1 (see Application and Request for Additional Funding Section on page 3). Failure to formally accept the award amount by the October 1 deadline is equivalent to the county declining their grant award.

By affixing a signature on the grant agreement, the county's authorized representative has entered into a binding legal agreement with the DNR. The DNR grant program manager will send a final award notification letter to the grantee.

Any grant amount not claimed by a county will become available for the DNR to award to other counties that have requested additional funding above what is their prescribed share under Wis. Stats.

Counties have two years from the date they receive their final award notification letter from the DNR grant program manager to complete their project and request reimbursement from the DNR. ***Project costs incurred by a county prior to this date are not eligible for reimbursement by the DNR.***

GRANT APPLICATION SUMMARY

Project Name: Prairie Restoration in Hawthorne Hills Park and GC and Tendick Nature Park
Grant Name/Agency: WDNR County Conservation Aids **CFDA/State ID:**
Department: Planning and Parks
Total Project Amount: \$5,557 **Grant Match Required:** 50%

Exp Acct.
Rev Acct.

Preparer: Tina Kroening
Approver: Andrew Struck

Strategy: (Linkages to other planning efforts)

- Comprehensive Plan for Ozaukee County: 2035 (P. 318-326)
- POSP for Ozaukee County (P. 77-92, 111)
- Ozaukee County Strategic Plan 2020-2024 (P. 10)

Project Scope and Expectations

- Native Prairie Restoration
- Enhanced pollinator habitat and park/golf course aesthetics

Other Grants Supporting Project

- NRF CD Besadny

Status	Amount
Pending	\$2,000
	\$0
	\$0
	\$0

Project Partners:

- WDNR

Project Landowner Upon Completion:

- Ozaukee County

GRANT EXPENSE	
Operational Expense	\$
Supplies	\$2,575
Equipment Rental	\$200
Capital Expense	\$
TOTAL	\$2,775
% PROJECT	50%

GRANT/PROJECT MATCH	
Operational Match	\$
Salaries/Fringe Benefits	\$100
Travel/Mileage	\$54
Equipment Use	\$628
Other Grants	\$
NRF CD Besadny	\$2,000
TOTAL	\$2,782
% MATCH	50%

GRANT SUPPORTED STAFF	
Position	\$
TOTAL	\$0

DEPARTMENT REVENUES	
Department	\$
Supplies	
Equipment Rental	
TOTAL	\$0

Project Risks:

- Weather/site conditions
- Timelines
- Pending grant funding
- Supply cost fluctuations and availability

Comments

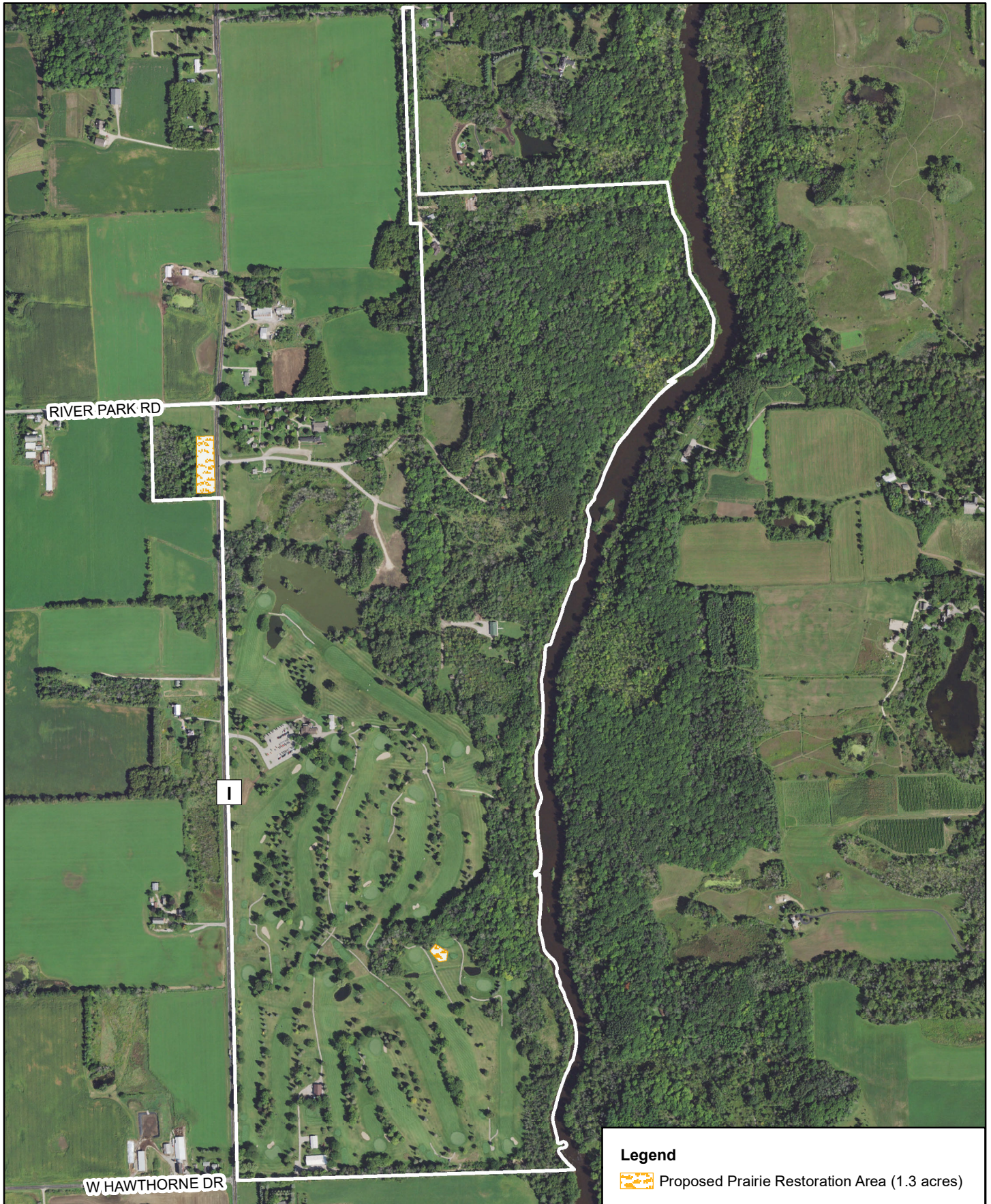
- Serve as match to other grants
- Continuation of native vegetation restoration efforts

Major Milestones

Major Milestones		Date
Grant Award		Oct-24
Prairie Restoration		Jun-25
Final Reporting		Oct-25
Duration:	12 months	Extension: Grants are issued for 3 years

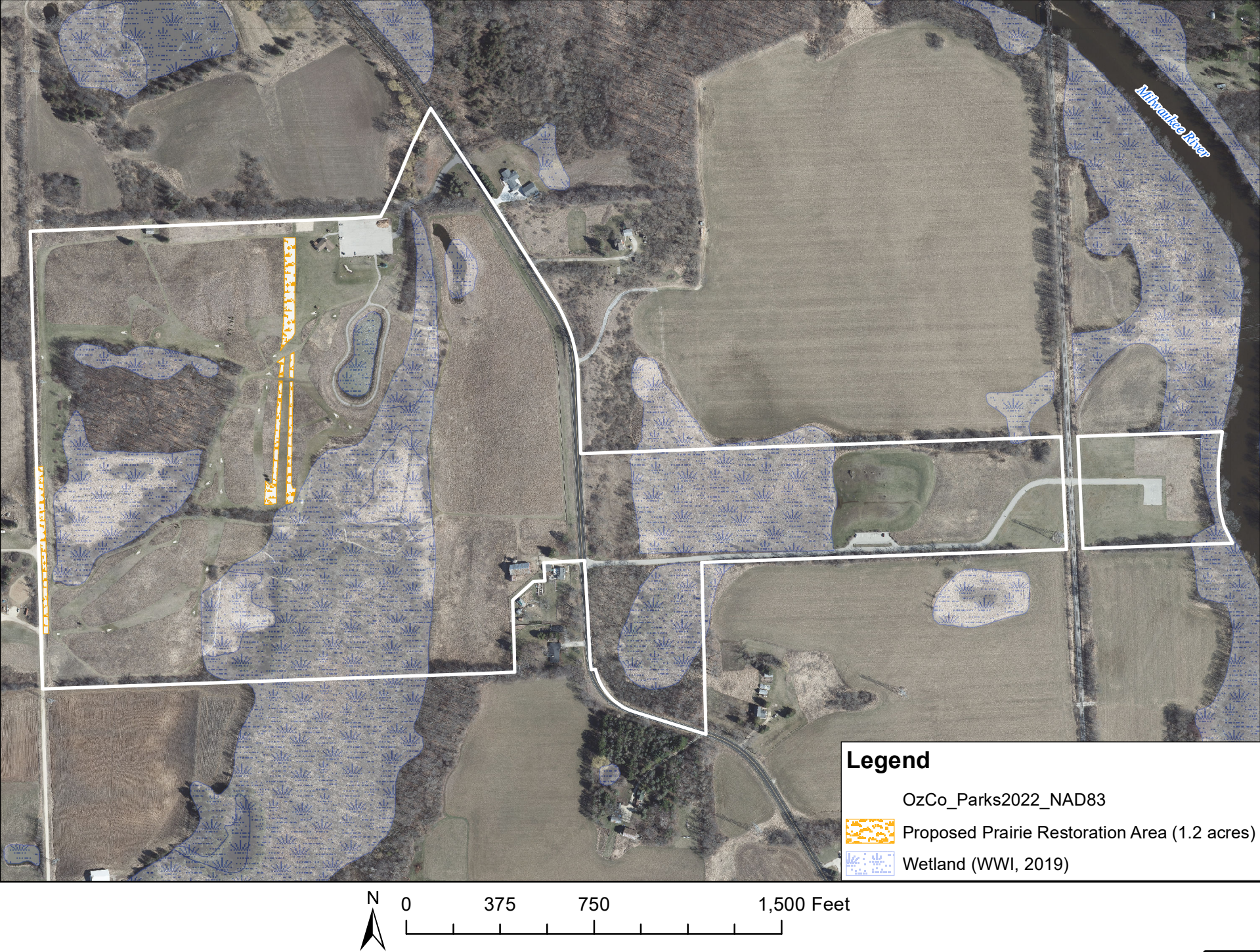
Attachment: Grant Application

Hawthorne Hills County Park and Golf Course - Proposed Prairie Restoration (2025)



Attachment: P&P_Dept_HawthorneHills Park and GC Prairie Restoration_Map (RES.24-18 :

Tendick Nature County Park - Proposed Prairie Restoration (2025)



Attachment: P&P_Dept_Tendick_Prairie Restoration_Map (RES.24-18 :

RESOLUTION NO. 24-19

APPLICATION AND ACCEPTANCE OF A WISCONSIN DEPARTMENT OF NATURAL RESOURCES REGULAR URBAN FORESTRY GRANT FOR FOREST MANAGEMENT PLANNING, NATIVE TREE PLANTING AND INVENTORY, EMERALD ASH BORER MANAGEMENT AND EDUCATION/OUTREACH ACTIVITIES IN COVERED BRIDGE COUNTY PARK, MEE-KWON COUNTY PARK, RIVER OAKS COUNTY PARK AND ULAO CREEK NATURE PRESERVE

WHEREAS, the Ozaukee County Planning and Parks Department is interested in obtaining a cost-share grant from the Wisconsin Department of Natural Resources for the purpose of funding urban and community forestry projects specified in s. 23.097(1g) and (1r), Wis. Stats.; and

WHEREAS, this project will improve the local ecology, aesthetics and native vegetation at Covered Bridge County Park in the Town of Cedarburg, Mee-Kwon County Park in the City of Mequon, River Oaks County Park in the Town of Grafton and Ulao Creek Nature Preserve in the Village of Grafton, by removing ash trees impacted by emerald ash borer (EAB), planting and inventorying native trees, updating EAB/Forestry management plans and conducting education and outreach efforts to Ozaukee County residents to encourage native tree planting; and

WHEREAS, this funding will support contracts with conservation corps groups (e.g., AmeriCorps NCCC, Milwaukee Community Service Corps, Great Lakes Community Conservation Corps, Wisconsin Youth Conservation Corps) for assistance and will support education, training and outreach to adjacent neighbors, neighboring communities and conservation corps members; and

WHEREAS, this project will continue the Department's goal to maintain the high-quality County Parks System reflective of the local ecology by preserving, protecting and restoring the natural resources inclusive of the native plant communities, particularly through tree planting activities; and

WHEREAS, this effort will assist in taking the steps to plan for and manage several Ozaukee County Parks for emerald ash borer (ash tree removal) and provide related ecological education to adjacent landowners through volunteer workdays; and

WHEREAS, continuation of the Department's management of forestry resources will benefit Ozaukee County residents, visitors and local ecosystems, as well as restore habitat for fish and wildlife, provide for stormwater management, and enhance natural resources and recreational opportunities for County residents and visitors; and

WHEREAS, the required matching funds (50% local match) would be provided by a pending Cedarburg Foundation grant, a pending We Energies Foundation grant, Golf Course Enterprise Fund and in-kind County staff time, supplies, equipment and contractual costs; and

WHEREAS, this grant is for the 2025 calendar year and is consistent with the adopted *Multi-jurisdictional Comprehensive Plan for Ozaukee County: 2035* and *Park and Open Space Plan for Ozaukee County*.

NOW, THEREFORE, BE IT RESOLVED, by the Ozaukee County Board of Supervisors

that the Ozaukee County Planning and Parks Department attests to the validity and veracity of the statements and representations contained in the grant application, requests a grant agreement to carry out the project, has budgeted a sum sufficient to fully and satisfactorily complete the project, and authorizes the Director of the Planning and Parks Department to act on its behalf to sign and submit a Wisconsin Department of Natural Resources Regular Urban Forestry Grant application, sign a grant agreement between Ozaukee County and the Wisconsin Department of Natural Resources, submit interim and/or final reports to the Wisconsin Department of Natural Resources to satisfy the grant agreement, submit grant reimbursement requests to the Wisconsin Department of Natural Resources, and sign and submit other required documentation and take necessary actions to initiate, direct, and complete the approved project within the provided funding timeline.

BE IT FURTHER RESOLVED that Ozaukee County will comply with all local, state and/or federal rules, regulations and ordinances for the program/project and the cost share agreement; may perform force account work; will maintain the completed project in an attractive, inviting, and safe manner; and will maintain complete and accurate project accounting and records according to the WDNR project agreement for these funds; and

BE IT FURTHER RESOLVED, by the Ozaukee County Board of Supervisors that the County Clerk shall forward a copy of this resolution to the Wisconsin Department of Natural Resources.

Dated at Port Washington, Wisconsin, this 4th day of September 2024.

SUMMARY: Application and Acceptance of a Wisconsin Department of Natural Resources Regular Urban Forestry Grant for Forest Management Planning, Native Tree Planting and Inventory, Emerald Ash Borer Management and Education/Outreach Activities in Covered Bridge County Park, Mee-Kwon County Park, River Oaks County Park and Ulao Creek Nature Preserve (County Park).

VOTE REQUIRED: Majority

NATURAL RESOURCES COMMITTEE

08/08/24

Natural Resources Committee

APPROVED

RESULT: APPROVED [UNANIMOUS]

MOVER: B. Ross, Vice-Chairperson

SECONDER: T. Matera, Supervisor District 7

AYES: Holyoke, Ross, Jobs, Matera, Schoessow

NATURAL RESOURCES COMMITTEE

Natural Resources Committee
AGENDA INFORMATION SHEET

AGENDA DATE:	September 4, 2024
DEPARTMENT:	Planning and Parks
DIRECTOR:	Andrew Struck
PREPARER:	Andrew Struck

Agenda Summary Application and Acceptance of a Wisconsin Department of Natural Resources Regular Urban Forestry Grant for Forest Management Planning, Native Tree Planting and Inventory, Emerald Ash Borer Management and Education/Outreach Activities in Covered Bridge County Park, Mee-Kwon County Park, River Oaks County Park and Ulao Creek Nature Preserve

BACKGROUND INFORMATION: The Ozaukee County - Planning and Parks Department (Department) proposes to submit a grant application to the Wisconsin Department of Natural Resources (WDNR) Regular Urban Forestry (UF) Grant program to support forestry and ecological projects in Covered Bridge County Park in the Town of Cedarburg, Mee-Kwon County Park in the City of Mequon, River Oaks County Park in the Town of Grafton and Ulao Creek Nature Preserve in the Village of Grafton. This grant will fund improvements to the local ecology, aesthetics and native vegetation in recently acquired and developing parcels in these County Parks by removing ash trees impacted by emerald ash borer (EAB), planting and inventorying native trees, updating EAB/Forestry management plans and conducting education and outreach efforts to Ozaukee County residents to encourage native tree planting on private property. Specifically, this grant will provide funding for Department staff operations, contracting with conservation corps (e.g., AmeriCorps NCCC, Milwaukee Community Service Corps, Great Lakes Community Conservation Corps, Wisconsin Youth Conservation Corps) for assistance, purchase of native tree stock and education/outreach events and materials. Improving the native tree diversity and canopy will assist the Department in developing these County Parks to be reflective of the local ecology by preserving, protecting and restoring the natural resources inclusive of the native plant communities. Furthermore, this effort will assist in taking steps to manage these County Parks for EAB and hazard trees, provide education to the public, support volunteer activities, and improve Ozaukee County's tree species diversity and canopy coverage.

This project is supported by the [County Park and Open Space Plan](https://www.co.ozaukee.wi.us/645/Park-Open-Space) [<https://www.co.ozaukee.wi.us/645/Park-Open-Space>](https://www.co.ozaukee.wi.us/645/Park-Open-Space) [<https://www.co.ozaukee.wi.us/645/Park-Open-Space>](https://www.co.ozaukee.wi.us/645/Park-Open-Space) within the standards set for the preservation and management of open spaces including natural areas, critical species habitats, primary and secondary environmental corridors and isolated natural resource areas to maintain their natural value (pages 77 - 92, 111) and the [Comprehensive Plan for Ozaukee County: 2035](http://www.sewrpc.org/SEWRPCFiles/Publications/CAPR/capr-285-comp-plan-for-ozaukee-co.pdf) [<http://www.sewrpc.org/SEWRPCFiles/Publications/CAPR/capr-285-comp-plan-for-ozaukee-co.pdf>](http://www.sewrpc.org/SEWRPCFiles/Publications/CAPR/capr-285-comp-plan-for-ozaukee-co.pdf) [<http://www.sewrpc.org/SEWRPCFiles/Publications/CAPR/capr-285-comp-plan-for-ozaukee-co.pdf>](http://www.sewrpc.org/SEWRPCFiles/Publications/CAPR/capr-285-comp-plan-for-ozaukee-co.pdf) “Agricultural, Natural, and Cultural Resources Issue” with the objective of preserving and enhancing the park and open space system within Ozaukee County (pages 318 -

326) and the [County Strategic Plan 2020-2024](https://www.co.ozaukee.wi.us/DocumentCenter/View/14493/Ozaukee-County-Strategic-Plan-2020-24)

[\(<https://www.co.ozaukee.wi.us/DocumentCenter/View/14493/Ozaukee-County-Strategic-Plan-2020-24> <https://www.co.ozaukee.wi.us/DocumentCenter/View/14493/Ozaukee-County-Strategic-Plan-2020-24>](https://www.co.ozaukee.wi.us/DocumentCenter/View/14493/Ozaukee-County-Strategic-Plan-2020-24) (page 10) related to the enhance quality of life assets strategic goal.

ANALYSIS: Proposals for the WDNR UF grant program are due October 1, 2024. The total grant request is \$25,000. A 50% local match is required, which would be provided by a Cedarburg Foundation grant (pending), a We Energies Foundation grant (pending), Golf Course Enterprise Fund and in-kind County staff time, mileage, supplies, equipment, contractual costs for a total project cost of \$50,000. The grant is for the 2025 calendar year, starting on January 1, 2025.

FISCAL IMPACT: Balance Current Year: NONE

Next Year's Estimated Cost: NONE (\$25,000 Additional Revenue)

FUNDING SOURCE: County Levy: X Non-County Levy: X

Indicate source: WDNR UF grant (pending), Cedarburg Foundation grant (pending), We Energies Foundation (pending) Golf Course Enterprise Fund, and in-kind Department staff time, supplies, equipment and contractual costs.

RECOMMENDED MOTION: Approve and recommend to the Ozaukee County Board of Supervisors the resolution for submittal and acceptance of a grant by the Planning and Parks Department to the Wisconsin Department of Natural Resources Regular Urban Forestry Grant program for forest management planning, tree planting and inventory activities, management of emerald ash borer and education/outreach activities in Covered Bridge County Park, Mee-Kwon County Park, River Oaks County Park and Ulao Creek Nature Preserve (County Park).

ATTACHMENTS:

- P&P_Dept_WDNRUF_RFP (PDF)
- Grant Application Summary_WDNRUF_NewParkParcelsForestry_ATSFinal073124 (PDF)
- P&P_Dept_WDNRUF_ProjectLocations_Map (PDF)



REGULAR URBAN FORESTRY GRANTS

Regular urban forestry grants support projects that improve a community's capacity to manage its trees. Cities, villages, towns, counties, tribes and 501(c)(3) nonprofit organizations in or conducting their project in Wisconsin may apply for a regular urban forestry grant.

ABOUT

Grants range from \$1,000 to \$25,000 and require a 50–50 match (total project cost range is \$2,000 to \$50,000).

The project sponsor must initially fund 100% of project costs with cash, in-kind contributions and/or donations. Upon completion, the project sponsor requests reimbursement for 50% of eligible costs (501(c)(3) nonprofit organizations may request an advance when a grant is awarded).

Projects begin Jan. 1 and must be completed within one calendar year.

ELIGIBLE PROJECTS AND COSTS

Projects must relate to community tree management, maintenance or education within Wisconsin cities, villages or other areas of concentrated development.

Eligible project components include, but are not limited to:

- tree inventory or canopy assessment;
- urban forestry strategic or management plan;
- urban forest pest response, storm response or risk reduction plan;
- tree ordinance development/revision;
- public outreach;
- staff or volunteer training;
- tree board or volunteer group development; and
- tree planting, maintenance and removal.

Ineligible projects include, but are not limited to:

- construction projects (such as trails, fences, shelters, buildings and site grading) not directly related to planting;
- land clearing or stump removal projects not directly related to tree planting or removal; and
- land or boundary surveys or title search, appraisal, sale or exchange of real property.

Eligible costs are those necessary for completing the project and incurred during the project period. Costs must be documented, reasonable and consistent with the project scope. Examples include:

- salaries and fringe benefits of people working directly on the project;
- cost of services, supplies, equipment or facilities used on the project; and
- value of labor, services, supplies, equipment or facilities donated to the project by third parties.

GRANT APPLICATION SUMMARY**Project Name:** Forest Management in the New Ozaukee County Park Parcels**Grant Name/Agency:** WDNR Urban Forestry**CFDA/State ID:****Department:** Planning and Parks**Total Project Amount:** \$50,000**Grant Match Required:****50%****Exp Acct.****Rev Acct.****Preparer:** Tina Kroening**Approver:** Andrew Struck**Strategy: (Linkages to other planning efforts)**

- Comprehensive Plan for Ozaukee County: 2035 (P. 318-326)
- POSP for Ozaukee County (P. 77-92, 111)
- Ozaukee County Strategic Plan 2020-2024 (P. 10)

Project Scope and Expectations

- EAB Mgmt, Native Tree Planting/Inventory and Education/Outreach
- Focus in Covered Bridge, Mee-Kwon, River Oaks County Parks and Ulao Creek Nature Preserv (County Park)

Other Grants Supporting Project

- Cedarburg Foundation
- We Energies Foundation

Status**Amount**

Pending

\$6,500

Pending

\$5,000

\$0

\$0

Project Partners:

- Americorps NCCC, GLCCC, MCSC, WisCorps

Project Landowner Upon Completion:

- Ozaukee County

Project Risks:

- Weather/site conditions
- Contractor availability
- Timelines
- Volunteer Availability
- Tree stock/supply availability

Comments

- Serve as match to other grants

GRANT EXPENSE

Operational Expense	\$
Salaries/Fringe Benefits	\$17,819
Travel/Mileage	\$131
Supplies	\$250
Training/Workshops	\$300
Capital Expense	\$
Contractual (Cons. Corps)	\$6,500
TOTAL	\$25,000
% PROJECT	50%

GRANT/PROJECT MATCH

Operational Match	\$
Salaries/Fringe Benefits	\$10,816
Supplies	\$300
Equipment	\$2,384
Other Grants	\$
Cedarburg Foundation	\$6,500
We Energies Foundation	\$5,000
TOTAL	\$25,000
% MATCH	50%

GRANT SUPPORTED STAFF

Position	\$
Conservation Biologist	
Senior Planner	
Program Asst II - Eco	
Department Interns	
TOTAL	\$0

DEPARTMENT REVENUES

Department	\$
Salaries/Fringe Benefits	\$17,819
Travel/Mileage	\$131
Supplies	\$250
Contractual (Corps, Etc)	\$6,500
Training/Workshops	\$300
TOTAL	\$25,000

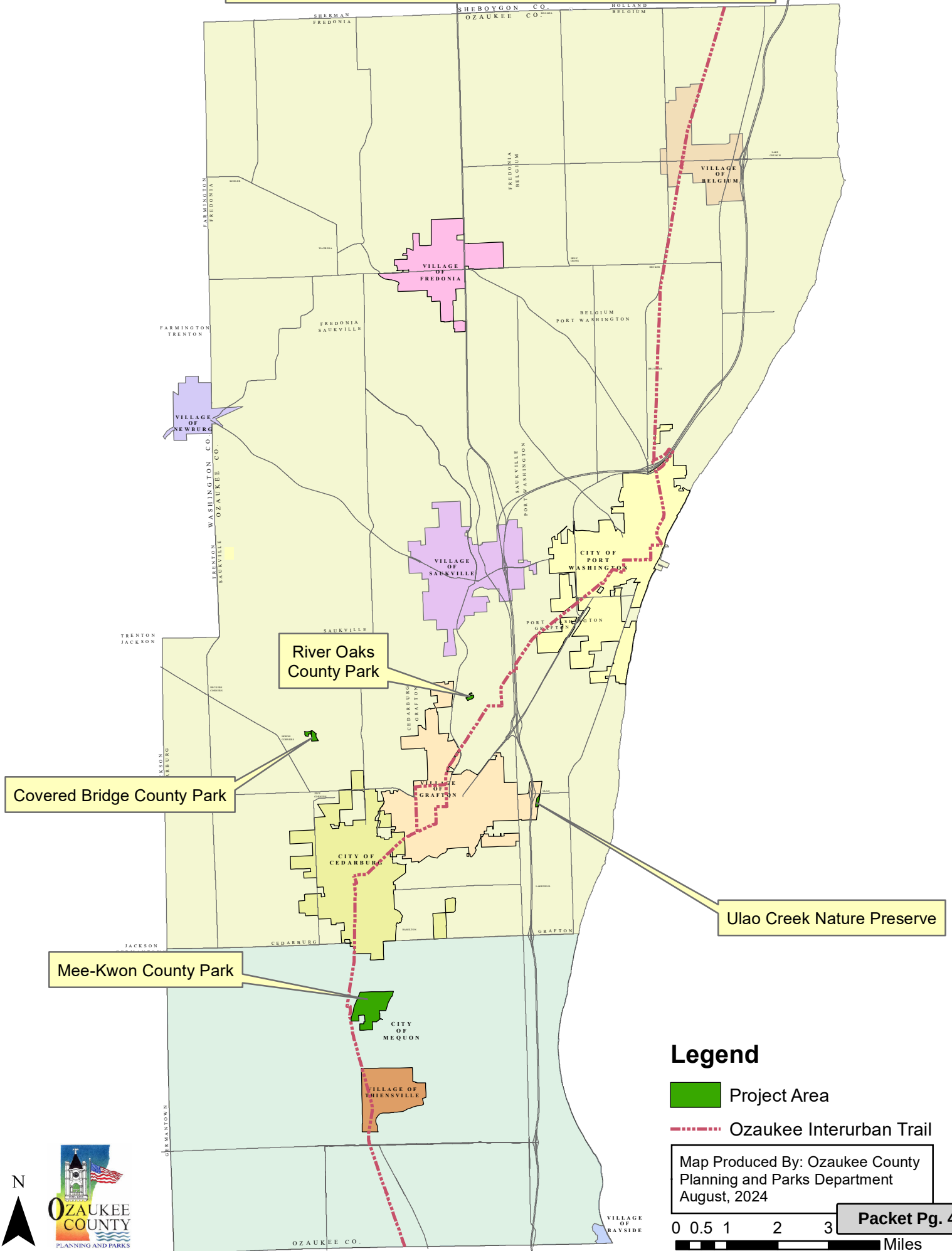
Major Milestones

Major Milestones		Date
Tree Planting / Inventory		Nov-25
Education/Outreach/Staff Training		Nov-25
EAB Management		Dec-25
Final Reporting		Mar-26
Duration:	1 Year	Extension: NA

2025 WDNR Urban Forestry Grant Project Areas

Forest Management in the Ozaukee County Park System

8.c



Attachment: P&P_Dept_WDNRUF_ProjectLocations_Map (RES.24-19 :

RESOLUTION NO. 24-20

WE ENERGIES UNDERGROUND EASEMENT FOR ELECTRICAL SERVICE AT
HAWTHORNE HILLS COUNTY PARK AND GOLF COURSE

WHEREAS, electrical service to the new campground and Sugar Maple Nature School area at Hawthorne Hills County Park is required; and

WHEREAS, the proposed electric work will include underground service to the area south of the new multi-purpose maintenance building; and

WHEREAS, the proposed underground electric service requires a We Energies easement across Hawthorne Hills County Park from Hawthorne Hills Golf Course north into the campsite and Sugar Maple Nature School area;

WHEREAS, the easement area is described as strips of land 15 feet in width being a part of the Northwest ¼ of Section 3, Township 11 North, Range 21 East, Town of Saukville, Ozaukee County, Wisconsin; and

WHEREAS, the purpose of this easement is to construct, install, operate, maintain repair, replace and extend underground utility facilities, conduit and cables, electric pad-mounted transformers, concrete slabs, power pedestals, riser equipment, terminals and markers, together with all necessary and appurtenant equipment under and above ground, as deemed necessary by Grantee, for the transmission and distribution of electric energy, signals, television and telecommunications services. Trees, bushes, branches and roots may be trimmed or removed so as not to interfere with Grantee's use of the easement area; and

WHEREAS, the proposed easement and easement conditions will not interfere with any Hawthorne Hills County Park operations or maintenance and is consistent with the Master Plan for Hawthorne Hills County Park and Golf Course.

NOW, THEREFORE, BE IT RESOLVED, that the Ozaukee County Board of Supervisors grants and warrants to Wisconsin Electric Power Company, a Wisconsin corporation doing business as We Energies, a permanent easement upon, within, beneath, over, and across County-owned land at Hawthorne Hills County Park for electrical service and authorizes the Ozaukee County Clerk to sign and execute this easement.

Dated at Port Washington, Wisconsin, this 4th day of September 2024.

SUMMARY: Review and approval of a We Energies permanent easement at Hawthorne Hills County Park and Golf Course in the Town of Saukville for provision of electrical service.

VOTE REQUIRED: Majority

NATURAL RESOURCES COMMITTEE

08/08/24

Natural Resources Committee

APPROVED

RESULT: **APPROVED [UNANIMOUS]**
MOVER: T. Matera, Supervisor District 7
SECONDER: K. Schoessow, Supervisor District 23
AYES: Holyoke, Ross, Jobs, Matera, Schoessow

NATURAL RESOURCES COMMITTEE

Natural Resources Committee
AGENDA INFORMATION SHEET

AGENDA DATE:	September 4, 2024
DEPARTMENT:	Planning and Parks
DIRECTOR:	Andrew Struck
PREPARER:	Andrew Struck

Agenda Summary We Energies Underground Easement for Electrical Service at Hawthorne Hills County Park and Golf Course

BACKGROUND INFORMATION: The Ozaukee County Planning and Parks Department is coordinating with We Energies on provision of electrical service at Hawthorne Hills County Park in conjunction with the construction of the new campgrounds and site development for Sugar Maple Nature School (SMNS) use. The proposed electric work will include underground service from the Hawthorne Hills Golf Course north into the campground and school use area. This proposed underground service will require a We Energies easement.

ANALYSIS: An underground easement is required for this service, which is attached. Department staff are working with We Energies to formalize a final legal exhibit to accompany the recorded easement. Execution of this easement is contingent upon Ozaukee County Corporation Counsel review and approval of form and content. The legal description of the easement will be finalized upon final land survey.

FISCAL IMPACT: NONE

FUNDING SOURCE: Indicate source: N/A, funded by SMNS

RECOMMENDED MOTION: Approve and recommend to the Ozaukee County Board of Supervisors the resolution for a We Energies underground easement at Hawthorne Hills County Park and Golf Course for required electric service for the new campground and Sugar Maple Nature School.

ATTACHMENTS:

- P&P_Dept_WeEnergiesEasementPacket (PDF)

DISTRIBUTION EASEMENT ELECTRIC

Document Number

WR NO. 5007623 IO NO. 5478

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, **OZAUKEE COUNTY**, hereinafter referred to as "Grantor", owner of land, hereby grants and warrants to **WISCONSIN ELECTRIC POWER COMPANY, a Wisconsin corporation doing business as We Energies**, hereinafter referred to as "Grantee", a permanent easement upon, within, beneath, over and across a part of Grantor's land hereinafter referred to as "easement area".

The easement area is described as strips of land 15 feet in width (centered on the actual survey location of the utility) being a part of the **Northwest ¼ of Section 3**, Township 11 North, Range 21 East, Town of Saukville, Ozaukee County, Wisconsin.

The location of the easement area with respect to Grantor's land is as shown on the attached drawing, marked Exhibit "A", and made a part of this document.

RETURN TO:

We Energies
PROPERTY RIGHTS & INFORMATION GROUP
231 W. MICHIGAN STREET, ROOM P129
PO BOX 2046
MILWAUKEE, WI 53201-2046

08-003-05-000.00

(Parcel Identification Number)

1. **Purpose:** The purpose of this easement is to construct, install, operate, maintain repair, replace and extend underground utility facilities, conduit and cables, electric pad-mounted transformers, concrete slabs, power pedestals, riser equipment, terminals and markers, together with all necessary and appurtenant equipment under and above ground, as deemed necessary by Grantee, for the transmission and distribution of electric energy, signals, television and telecommunications services, including the customary growth and replacement thereof. Trees, bushes, branches and roots may be trimmed or removed so as not to interfere with Grantee's use of the easement area.
2. **Access:** Grantee or its agents shall have the right to enter and use Grantor's land with full right of ingress and egress over and across the easement area and adjacent lands of Grantor from existing infrastructure (public roadway) for the purpose of exercising its rights in the easement area, contingent upon prior written Grantor approval, which shall not be unreasonably withheld.
3. **Buildings or Other Structures:** Grantor agrees that no structures will be erected in the easement area or in such close proximity to Grantee's facilities as to create a violation of all applicable State of Wisconsin electric and gas codes or any amendments thereto.
4. **Elevation:** Grantor agrees that the elevation of the ground surface existing as of the date of the initial installation of Grantee's facilities within the easement area will not be altered by more than 4 inches without the written consent of Grantee.
5. **Restoration:** Grantee agrees to restore or cause to have restored Grantor's land, as nearly as is reasonably possible, to the condition existing prior to such entry by Grantee or its agents. This restoration, however, does not apply to the initial installation of said facilities or any trees, bushes, branches or roots which may interfere with Grantee's use of the easement area.
6. **Exercise of Rights:** It is agreed that the complete exercise of the rights herein conveyed may be gradual and not fully exercised until some time in the future, and that none of the rights herein granted shall be lost by non-use.
7. **Binding on Future Parties:** This grant of easement shall be binding upon and inure to the benefit of the heirs, successors and assigns of all parties hereto.

Attachment: P&P_Dept_WeEnergiesEasementPacket (RES.24-20 :

Grantor:**OZAUKEE COUNTY**

By: _____

(Print name and title): _____

By _____

(Print name and title): _____

Personally came before me in _____ County, Wisconsin on _____, 2024,
the above named _____, the _____
and _____, the _____
of OZAUKEE COUNTY pursuant to a Resolution adopted by the County Board on _____
as Resolution No. _____.

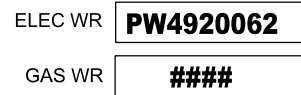
Notary Public Signature, State of Wisconsin_____
Notary Public Name (Typed or Printed)

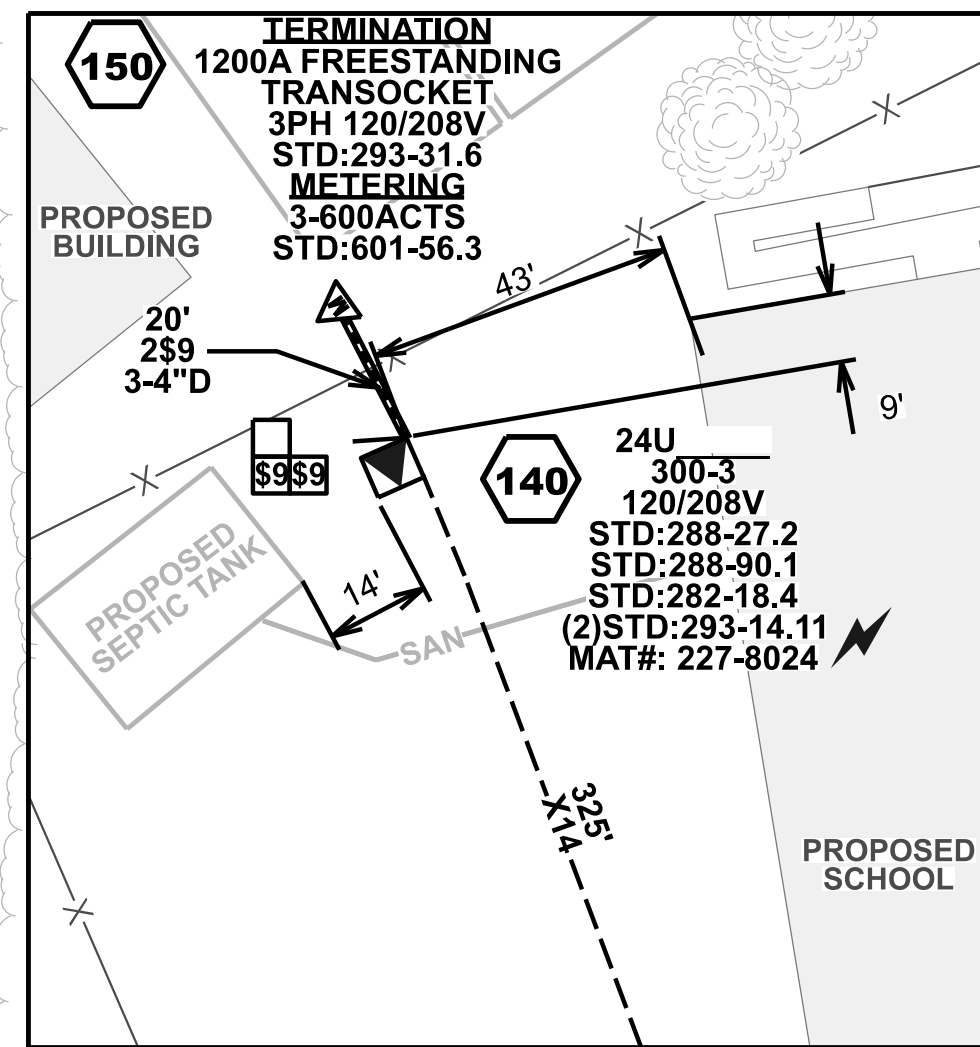
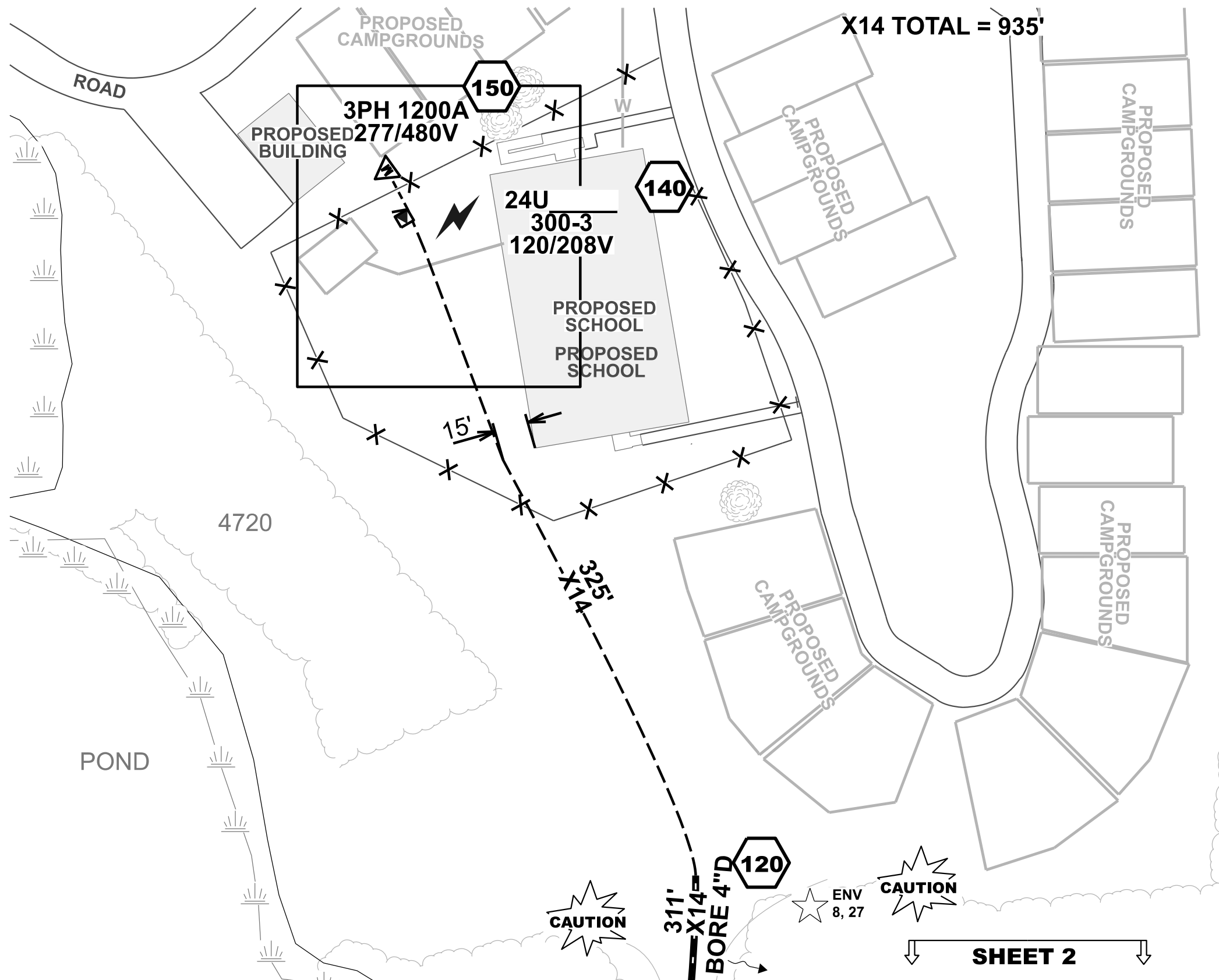
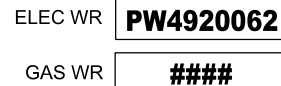
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My commission expires _____

Attachment: P&P_Dept_WeEnergiesEasementPacket (RES.24-20 :







MANUFACTURER:

KVA:

VOLTAGE: _____

LOCATION ID:

PHASE: _____

FLUID TYPE: DESIGN IZ:

SERIAL: _____

MATERIAL #: 227-8024

ASSET ID #:

3 PHASE TRANSFORMER LOAD BREAK SWITCHES? ☐Y ☐N

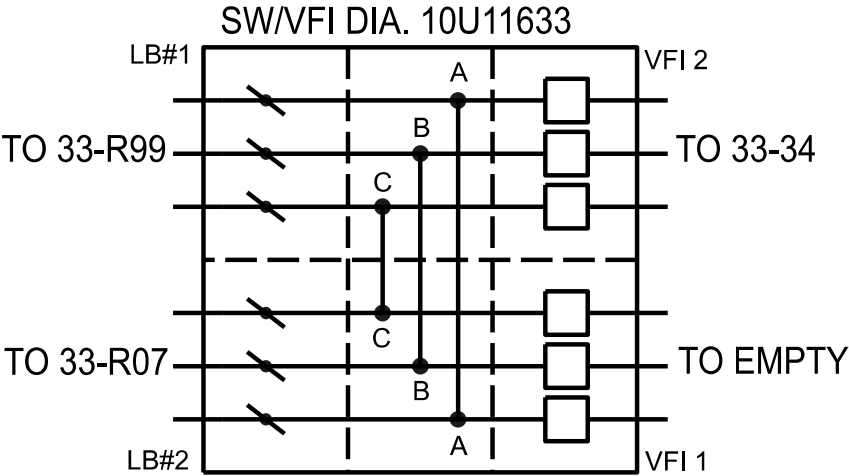
WE ENERGIES EQUIPMENT ENERGIZED ☐Y ☐N

Customer EQUIPMENT ENERGIZED ☐ Y ☐ N EDC:

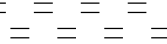
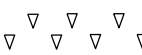
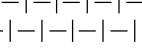
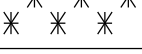
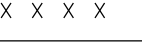
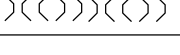
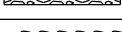
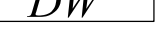
FO
JSE
SWITCHED BY: _____ DATE/TIME: _____

SHEET NO.

Packet Pg. 52



WE ENERGIES - ELECTRIC OPERATIONS CLEARANCE NOTES: -LOCATION OF OBSTRUCTIONS ARE FROM RECORDS AND MUST BE VERIFIED IN THE FIELD. -MAINTAIN 2' MIN. CLEARANCE BETWEEN OUTSIDE FACE OF MANHOLE & BELL OF PIPE. -THIS APPLIES TO GAS AND WATER MAINS. -MAINTAIN 2' MIN. VERTICAL CLEARANCE AT CROSSINGS OF SEWER OR WATER MAINS. -MAINTAIN 5' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND SEWER. -MAINTAIN 3' MIN. HORIZONTAL DIST. BETWEEN CONDUIT AND WATER MAINS. NOTE - CLEARANCES SHOWN ARE MINIMUM DISTANCES - REFERENCE PERMITS FOR SPECIFIC CLEARANCE REQUIREMENTS. ADDITIONAL UNDERGROUND INFORMATION ON EXCAVATION, BACKFILLING AND CLEARANCES CAN BE FOUND IN STD. 281-02.	OVERHEAD PRIMARY E, F, H, Q, R, W, X or Z Z1 #2 ACSR Z1 1 #1/0 ACSR Z2 1 #3/0 ACSR Z3 3 #2 ACSR Z4 3 #1/0 ACSR Z5 3 #3/0 ACSR Z7 3 #336 ACSR Z9 SPECIAL LIST ON SKETCH Z10 1 WIRE REMOVAL Z11 2 WIRE REMOVAL Z12 3WIRE REMOVAL			STANDARD WIRE KEY DIRECT BURY PRIMARY - E, F, H, Q, R, W, X or Z Z13 1 #1 AL 25KV Z14 3 #1 AL 25KV Z15 3 #500 AL 28KV X16 1 #2 AL 15KV X17 3 #2 AL 15KV X18 3 #500 AL 15KV R19 3 #1/0 AL 35KV R20 3 #750 AL 35KV Z21 3 #750 AL 28KV X22 1 #2 Cu 15kV X23 3 #2 Cu 15kV Z24 1 #2 Cu 25kV Z25 3 #2 Cu 25kV X26 3 #500 Cu 15kV Z27 3 #500 Cu 28kV Z28 3 #750 Cu 28kV Z29 SPECIAL - LIST ON SKETCH			NEUTRAL N 1-#2 ACSR N1 1-#1/0 ACSR N2 1-#3/0 ACSR N3 1-#4/0 AL N4 1-#336 ACSR N5 REMOVAL GUYING G 1/4" ARM GUY G1 5/16" ARM GUY G2 3/8" ARM GUY G3 5/16" POLE GUY G4 3/8" POLE GUY G5 7/16" POLE GUY			SECONDARY - 1PHASE S 6DX S1 4 TX S2 2 TX S3 1/0 TXR S4 3/0 TXR S5 350 TXR S6 750 TXR S7 1/0 TXF S8 4/0 TXF S9 336 TXR S10 750 TXF S11 3 WIRE REMOVAL S12 3 WIRE MAIN S14 6DX CIC S15 1/0TX CIC			SECONDARY - \$ 1/0 TXF \$1 4/0 TXF \$2 336 TXF \$3 3/0 TX \$4 350 TX \$5 750 TX \$6 1/0 QXF \$7 3/0 QXF \$8 350 QXR \$9 750 QXR \$10 3 WIRE REMOVAL \$11 3/0 QXR \$12 4 WIRE REMOVAL			8.a		
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EROSION CONTROL LEGEND	
	APPROXIMATE LOCATION FOR UNDERGROUND FACILITY EXCAVATION
	INLET PROTECTION, TYPE
	12" WATTLE or 12"/20" SEDIMENT LOG or 9.5"/20" EROSION EEL
	STONE DITCH CHECK
	ROCK BAG
	MULCH
	SOIL STABILIZER, TYPE B
	EROSION MAT CLASS I, TYPE A
	EROSION MAT CLASS I, TYPE B
	EROSION MAT CLASS I, TYPE A URBAN
	EROSION MAT CLASS I, TYPE B URBAN
	EROSION MAT CLASS II
	EROSION MAT CLASS III
	VEGETATIVE BUFFER
	TRACKING PAD
	TIMBER MAT
	SILT FENCE
	APPROXIMATE DEWATERING BASIN LOCATION
	SURFACE WATER FLOW

WE ENERGIES WORK REQUEST ENVIRONMENTAL NOTES (Notes 1 through 7 apply to ALL work requests)

General

- If WDNR and/or USACE permits were obtained for the project, all permit conditions shall be met during construction of the project.

Erosion Control

- If soil disturbance occurs on slopes or channels/ditches leading to wetlands or waterways, or within wetlands, the disturbed areas shall be stabilized and appropriate erosion control Best Management Practices (BMP's) shall be implemented.
- Erosion Control BMR's shall meet or exceed the approved WDNR Storm Watter Management Technical Standards (http://dnr.wi.gov/topic/stormwater/standards/const_standards.html). Refer to We Energies Construction Site Sediment and Erosion Control Standards.
- Inspect installed erosion control BMP's at least one time per week and after ½" rain events: repair as necessary.
- When temporary stabilization is required (e.g. for winter or short-term construction) prior to final restoration, soil stabilizer shall be installed wherever possible. Erosion mat shall be used temporarily only where appropriate, in accordance with state standards, and when approved by the Operations Supervisor.

Contaminated Soils

- Whenever soil exhibiting obvious signs of contamination (e.g., discoloration, petroleum or solvent odor, free liquids other than water, buried containers or tanks, or other obvious signs of environmental impacts) is encountered during excavation or installation, cease work immediately, take appropriate immediate precautions to ensure worker health and safety, and contact the Operations Supervisor or Inspector.

Spills

- If an oil spill occurs during construction, call the Environmental Incident Response Team (EIRT) at 414-430-3478:
 - Any quantity of oil is spilled into surface water;
 - Any oil spill greater than 50 ppm PCB into a sewer, vegetable garden, or grazing land;
 - Any oil spill containing greater than 500 ppm PCB;
 - Five gallons or more of oil spilled to the ground;
 - Any oil spill involving a police department, fire department, DNR, or concerned property owner.

Notes 8 through 27 apply as noted at specifc points withln each work request:

Dewatering

- Dewatering of pits or trenches shall be done in accordance with state standards. Use an approved sediment bag, a straw bale dewatering basin, a combination of both, or equivalent.

Wetlands

- As much as practicable, the majorityof the work shall be staged from the public roadways and road shoulders, keeping equipment out of adjacent wetlands.
- All work shall be conducted to minimize soil disturance. No rutting will be allowed within the wetlands.
- If soils are not frozen or stable to a point that avoids rutting, timber mats, mud tracks, or equivalent shall be utilized to access pole locations.
- Excavated soils cannot be stockpiled in wetlands.

- All excess spoils shall be removed from wetlands and placed in a suitable upland location.
- Trenching and pit excavations within wetlands shall include soil segregation to facilitate restoration of pre-construction soil stratification, and restoration to pre-construction elevations.
- Poles scheduled to be removed, and that occur within wetland, shall be cut at the ground surface.

Waterways

- No work can be performed within the banks or below the ordinary high watermark of any navigable waterways/streams.
- No crossing of navigable waterways with equipment can occur. Foot traffic is allowed.
- Any disturbed soil within 75-feet of the ordinary high water mark of any navigable waterways/streams shall be stabilized within 24 hours of construction completion.

Threatened and Endangered Species

- Threatened or endangered species are known to occur in the work area. It is illegal to harass, harm, or kill a protected species under state and federal regulations. Proper precautions shall be taken to ensure harm to individuals is avoided.
- In order to protect the threatened or endangered species, work must be conducted between November 5 and March 15.
- Exclusion fencing must be installed at the work area prior to March 15.
- A qualified biologist must be present when conducting work at this location.

Invasive Species

- State regulated invasive species are known to occur in the work area. Reasonable precautions are legally required to prevent the spread of these species. The Wisconsin Council on Forestry Transportation and Utility Rights-of Way Best Management Practices should be followed: (<http://council.wisconsinforestry.org/invasives/transportation/>).

Cultural and Historical Resources, cont.

- The project is within or adjacent to an area that is identified by the State of Wisconsin as potentially having Native American artifacts, burial mounds or burial sites, which could be encountered during construction.
- If human bone or any artifacts are discovered during construction, work must cease immediately. Contact the Environmental Department who will contact the State Burial Sites Preservation Office and determine the next steps that must be taken in order to comply with state law. Work at that site MAY NOT PROCEED until the Environmental Department authorizes it.
- A "qualified archaeologist," as specified under Wis. Stats 157.70 (1) (i) and Wis. Admin. Code HS 2.04 (6), must be present to monitor all ground disturbing activities.

Frac-out Contingency Plan

- A frac-out contingency plan shall be on-site and implemented accordingly. The contingency plan shall incorporate the following components.
 - Continuously inspect the bore paths for frac-outs in order to respond quickly and appropriately.
 - Containment materials (e.g. silt fence, straw bales, sand bags, etc.) shall be on site and available should a frac-out occur.
 - A vac truck shall be accessible on short notice in order to respond quickly to a frac-out.



RESOLUTION NO. 24-21

OZAUKEE COUNTY LAND INFORMATION PLAN 2025-2027

WHEREAS, Wisconsin established a Land Records Modernization Program in 1989; and

WHEREAS, a county that established a Land Information Office and adopted a State-approved Land Records Modernization Plan was able to participate in the Land Records Modernization Program; and

WHEREAS, Ozaukee County established a Land Information Office in 1989, adopted a State-approved Land Records Modernization Plan in 1992, updated the plan in 1996, 2005, 2011, 2016, 2019 and 2022, and has continuously participated in the Land Records Modernization Program; and

WHEREAS, the Land Records Modernization Program is now called the Land Information Program and the Land Records Modernization Plan is now called the Land Information Plan; and

WHEREAS, a Land Information Plan is required for Ozaukee County to continue its participation in the Land Information Program, and participation in the Land Information Program will allow Ozaukee County to retain certain fees and qualify for certain grants; and

WHEREAS, the 2013 state budget bill known as Act 20 now required counties to update and submit their Land Information Plans to the Wisconsin Department of Administration every three years after being approved by the county's Natural Resources Committee; and

WHEREAS, the Ozaukee County Natural Resources Committee accepted and approved the Ozaukee County Land Information Plan for 2025-2027 on August 8, 2024; and

NOW, THEREFORE, BE IT RESOLVED that the Ozaukee County Board of Supervisors hereby accepts and approves the Ozaukee County Land Information Plan for 2025-2027.

Dated at Port Washington, Wisconsin, this 4th day of September 2024.

SUMMARY: Acceptance and approval of Land Information Plan for 2025-2027

VOTE REQUIRED: Majority

08/08/24

Natural Resources Committee

APPROVED

RESULT: **APPROVED [UNANIMOUS]**
MOVER: B. Ross, Vice-Chairperson
SECONDER: B. Jobs, Supervisor District 3
AYES: Holyoke, Ross, Jobs, Matera, Schoessow

NATURAL RESOURCES COMMITTEE

Natural Resources Committee
AGENDA INFORMATION SHEET

AGENDA DATE:	September 4, 2024
DEPARTMENT:	Register of Deeds
DIRECTOR:	Jennifer Laurin
PREPARER:	Lisa Henning

Agenda Summary Ozaukee County Land Information Plan 2025-2027

BACKGROUND INFORMATION: Under state statute [59.72\(3\)\(b\)](https://docs.legis.wisconsin.gov/statutes/statutes/59/VII/72/3/b) [<https://docs.legis.wisconsin.gov/statutes/statutes/59/VII/72/3/b>](https://docs.legis.wisconsin.gov/statutes/statutes/59/VII/72/3/b) a “**countywide plan for land records modernization**” is required for participation in the Wisconsin Land Information Program (WLIP). The purpose of this document is twofold: 1) to meet WLIP funding eligibility requirements necessary for receiving grants and retaining fees for land information, and 2) to plan for county land records modernization in order to improve the efficiency of government and provide improved government services to businesses and county residents. Ozaukee County Land Information Office has completed the rough draft of this plan and has submitted to the Land Information Council for input and recommendation to the Natural Resources Committee. The Land Information Council approved the submittal to the Natural Resources Committee on July 30, 2024.

FISCAL IMPACT:

Balance Current Year: None Next Year’s Estimated Cost: \$0 unless not passed and will lose \$10,000 in grant money

FUNDING SOURCE: Land Information Office

County Levy: None Non-County Levy: X

Indicate source: Wisconsin Land Information Program Grants

RECOMMENDED MOTION: Approve

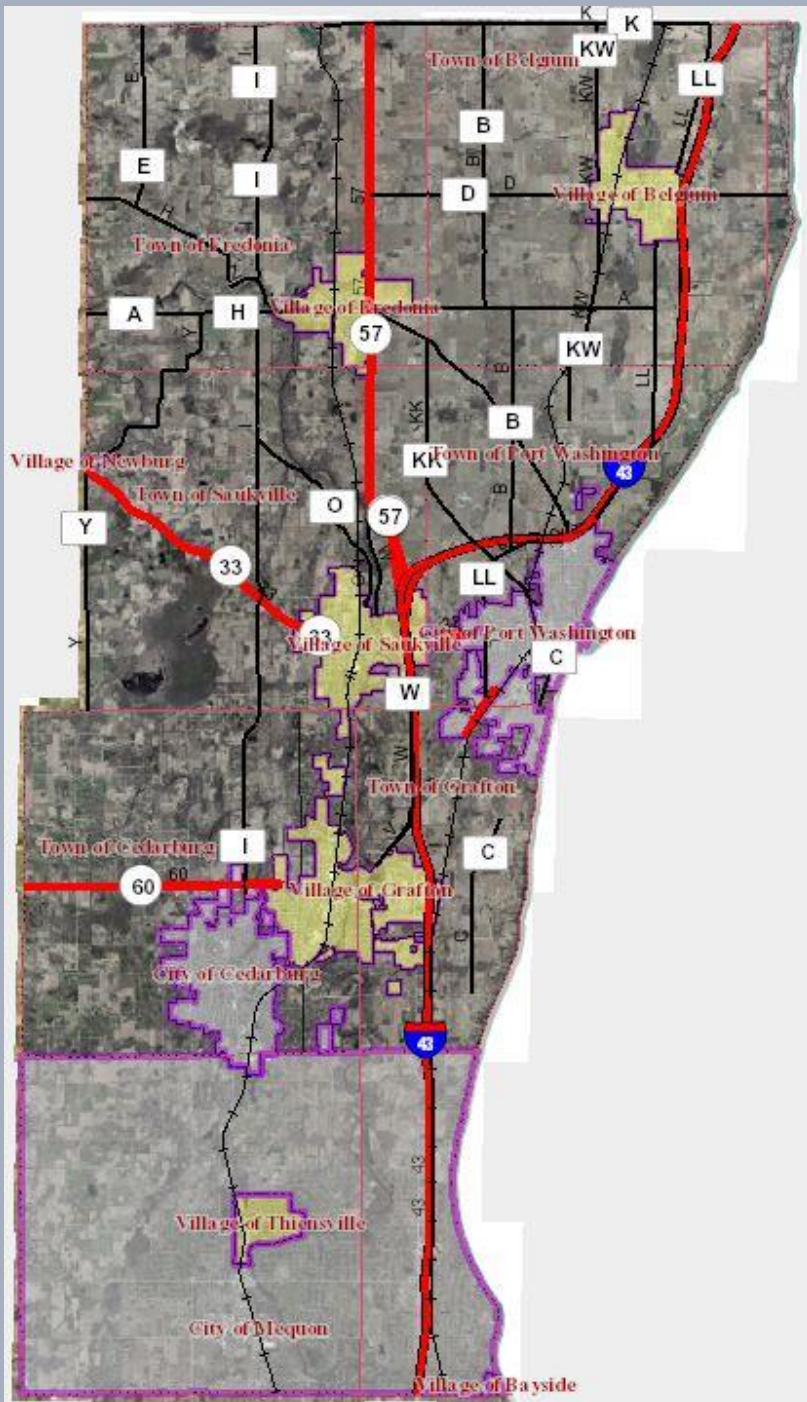
ATTACHMENTS:

- Ozaukee County Land Information Plan 2025-2027 (PDF)

Ozaukee County

Land Information Plan

2025-2027



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Wisconsin Land Information Program
 Wisconsin Department of Administration
 101 East Wilson Street, 9th Floor
 Madison, WI 53703
 (608) 267-3369
www.doa.wi.gov/WLIP

Version: 2024-07-30

Approved/Adopted by Land Information Council on: 2024-07-30.

EXECUTIVE SUMMARY

About this Document. This document is a land information plan for Ozaukee County prepared by the Land Information Officer (LIO) and the Ozaukee County land information council. Under state statute 59.72(3)(b), a “**countywide plan for land records modernization**” is required for participation in the Wisconsin Land Information Program (WLIP). The purpose of this document is twofold: 1) to meet WLIP funding eligibility requirements necessary for receiving grants and retaining fees for land information, and 2) to plan for county land records modernization in order to improve the efficiency of government and provide improved government services to businesses and county residents.

WLIP Background. The WLIP, administered by the Wisconsin Department of Administration, is funded by document recording fees collected by register of deeds at the county-level. In 2023, Ozaukee County was awarded \$71,000 in WLIP grants and retained a total of \$83,048 in local register of deeds document recording fees for land information.

This plan lays out how funds from grants and retained fees will be prioritized. However, as county budgets are determined on an annual basis with county board approval, this plan provides estimated figures that are subject to change and are designed to serve planning purposes only.

Land Information in Ozaukee County. Land information is central to county operations, as many essential services rely on accurate and up-to-date geospatial data and land records. A countywide land information system supports economic development, emergency planning and response, and a host of other citizen services. The Ozaukee County land information system integrates and enables efficient access to information that describes the physical characteristics of land, as well as the property boundaries and rights attributable to landowners.

Mission of the Land Information Office. In the next three years, Ozaukee County’s Land Information Office strives to be recognized for its exceptional web mapping site, gains in governmental efficiencies by broadening the utilization of GIS, improvements in parcel mapping accuracy, and responsiveness to meeting the land records needs of residents and businesses.

Land Information Office Projects. To realize this mission, in the next three years, the county land information office will focus on the following projects:

Ozaukee County Land Information Projects: 2025-2027	
Project #1	2026 Orthophotography
Project #2	2025 LiDAR Acquisition
Project #3	Website Development/Hosting Services
Project #4	NG-911 Data Maintenance
Project #5	Document Scanning and Indexing
Project #6	Training and Education
Project #7	Development of POWTS Layer
Project #8	Culvert Inventory
Project #9	Administrative Activities and Management

The remainder of this document provides more details on Ozaukee County and the WLIP, summarizes current and future land information projects, and reviews the county’s status in completion and maintenance of the map data layers known as Foundational Elements.

1 INTRODUCTION

In 1989, a public funding mechanism was created whereby a portion of county register of deeds document recording fees collected from real estate transactions would be devoted to land information through a new program called the Wisconsin Land Information Program (WLIP). The purpose of the land information plan is to meet WLIP requirements and aid in county planning for land records modernization.

The WLIP and the Land Information Plan Requirement

In order to participate in the WLIP, counties must meet certain requirements:

- Update the county's land information plan at least every three years
- Meet with the county land information council to review expenditures, policies, and priorities of the land information office at least once per year
- Report on expenditure activities each year
- Submit detailed applications for WLIP grants
- Complete the annual WLIP survey
- Subscribe to DOA's land information listserv
- Coordinate the sharing of parcel/tax roll data with the Department of Administration in a searchable format determined by DOA under s. 59.72(2)(a)

LAND INFORMATION

Any physical, legal, economic or environmental information or characteristics concerning land, water, groundwater, subsurface resources or air in this state.

'Land information' includes information relating to topography, soil, soil erosion, geology, minerals, vegetation, land cover, wildlife, associated natural resources, land ownership, land use, land use controls and restrictions, jurisdictional boundaries, tax assessment, land value, land survey records and references, geodetic control networks, aerial photographs, maps, planimetric data, remote sensing data, historic and prehistoric sites and economic projections.

– Wis. Stats. section 59.72(1)(a)

Any grants received and fees retained for land information through the WLIP must be spent consistent with the county land information plan.

The Statewide Parcel Map Initiative

For Strategic Initiative grant eligibility, counties are required to apply WLIP funding toward achieving certain statewide objectives, specified in the form of "benchmarks." Benchmarks for parcel data—standards or achievement levels on data quality or completeness—were determined through a participatory planning process. Current benchmarks are detailed in the WLIP grant application, as will be future benchmarks.

WLIP Benchmarks

- Benchmark 1 & 2 – Parcel and Zoning Data Submission/Extended Parcel Attribute Set Submission
- Benchmark 3 – Completion of County Parcel Fabric
- Benchmark 4 – Completion and Integration of PLSS

More information on how Ozaukee County is meeting these benchmarks appears in the Foundational Elements section of this plan document.

County Land Information System History and Context

In February 1990, the Ozaukee County Board of Supervisors created a Land Information Office pursuant to Section 59.88 of the Wisconsin State Statutes. To provide policy oversight, the Board also created a Land Information Committee comprised of County Board Supervisors. In June 1991, the Board requested the Southeastern Wisconsin Regional Planning Commission (SEWRPC) to prepare a 5-year plan for the implementation of a modernization program. SEWRPC produced Community Assistance Planning Report #142, A Land Information System Plan for Ozaukee County. Subsequently, the plan was approved by the

Board in May 1992.

The modernization program proposed by the plan involved the development of a fundamental base map upon which a computerized Geographic Information System (GIS) could be built. Developing this map to WLIP Standards required the following activities:

- Recovery/Monumentation, where necessary, of all United States Public Land Survey System (PLSS) section corners and quarter corners.
- Establish state plane coordinates on all PLSS corners and quarter corners
- Establish vertical elevations on all PLSS corners and quarter corners.
- Acquire digital topographic and planimetric mapping at Federal Geodetic Data Committee (FGDC) standards with 1' contours for the entire county.

Since then, additional data and projects have been completed to modernize the Land information in Ozaukee County. Additional data layers and the approximate date are as follows:

- Digital Parcel Maps 2006 to present, using coordinate geometry, referenced to PLSS corners
- Platted Lands 2008 to present
- Address Points & Road Centerlines 2010 to present, formatted for NG-911 2023
- Digital Soils maps 1970
- Contour Maps 2-foot 1994
- Orthophotography 1995, 2000, 2005, 2007, 2010, 2015, 2020, 2022
- Historic Aerial Imagery 1941, 1950, 1963, 1970, 1980, 1990
- LIDAR and 1-foot elevation data 2015
- Flood Plain Mapping 2007, LOMA sites and Shoreland Zoning App 2019
- Wards, Polling locations, Supervisory Districts 2010, 2021 to present
- Plats of Surveys 2014 to present
- Shoreland Zoning 2008
- Computer Aided Dispatch datasets, emergency service zones, responder locations, etc. 2010
- Provide address points, centerlines, HAZMAT data to Sheriff's Dept. drones 2023
- Converted to newer datum NAD27 to NAD83 2018
- Developed and enhanced GIS website 2006 to present
- Create Geo-Hub free dataset downloads available 2023
- Register of Deeds Document Imaging 2018, Indexing back to 1905
- E-recording of Register of Deeds documents available 2008
- Updated tax package and developed public Access website 2010

County Land Information Plan Process

Counties must submit their plans to DOA for approval every three years. The 2025-2027 plan, is to be completed at the end of 2024.

County Land Information Plan Timeline – Updated for 2024

- Comments on draft instructions due by February 23, 2024.
- DOA release of finalized instructions by March 31, 2024.
- April–September 2024: Counties work on land info plans.
- Complete draft plans due to DOA by September 30, 2024 (but sooner is advised).
- Final plans with county land info council approval due by December 31st, 2024.

Plan Participants and Contact Information

Another requirement for participation in the WLIP is the county land information council, established by legislation in 2010. The council is tasked with reviewing the priorities, needs, policies, and expenditures of a land information office and advising the county on matters affecting that office.

According to s. 59.72(3m), Wis. Stats., the county land information council is to include:

- Register of Deeds
- Treasurer
- Real Property Lister or designee
- Member of the county board
- Representative of the land information office
- A realtor or member of the Realtors Association employed within the county
- A public safety or emergency communications representative employed within the county
- County surveyor or a registered professional land surveyor employed within the county
- Other members of the board or public that the board designates

The land information council must have a role in the development of the county land information plan, and DOA requires county land information councils to approve final plans.

This plan was prepared by the county LIO, the Ozaukee County Land Information Council, and others as listed below.

Ozaukee County Land Information Council and Plan Workgroup				
Name	Title	Affiliation	Email	Phone
Ronald Voigt	Register of Deeds	Ozaukee County Register of Deeds Office	rvoigt@ozaukeecounty.gov	262-284-8261
Sandra Tretow	County Treasurer	Ozaukee County Treasurer's Office	stretow@ozaukeecounty.gov	262-284-8280
Amy Curd	Assist. Real Property Lister	Ozaukee County Register of Deeds Office	acurd@ozaukeecounty.gov	262-284-8264
Bruce Ross	County Board Member	Ozaukee County Board Supervisor	brross@ozaukeecounty.gov	
Diana Lewis	Land Information Officer, GIS Coordinator	Ozaukee County Land Information Office	dlewis@ozaukeecounty.gov	262-284-8167
Michael Didier	Realtor	ReMax – Port Washington	mike@mikedidier.com	262-284-2000
Joseph Laurin	Dispatch Supervisor	Ozaukee County Sheriff's Department	jlaurin@ozaukeecounty.gov	262-284-7172
Robert Merry	County Surveyor	SEWRPC	rmerry@sewrpc.org	262-953-4289
Scott Ziegler	Director	Ozaukee County Emergency Management	sziegler@ozaukeecounty.gov	262-284-8397

2 FOUNDATIONAL ELEMENTS

Counties must have a land information plan that addresses development of specific datasets or map layer groupings historically referred to as the WLIP Foundational Elements. Foundational Elements incorporate nationally-recognized "Framework Data" elements, the major map data themes that serve as the backbone required to conduct most mapping and geospatial analysis.

In the past, Foundational Elements were selected by the former Wisconsin Land Information Board under the guiding idea that program success is dependent upon a focus for program activities. Thus, this plan places priority on certain elements, which must be addressed in order for a county land information plan to be approved. Beyond the county's use for planning purposes, Foundational Element information is of value to state agencies and the WLIP to understand progress in completion and maintenance of these key map data layers.

FOUNDATIONAL ELEMENTS

PLSS
Parcel Mapping
LiDAR and Other Elevation Data
Orthoimagery
Address Points and Street Centerlines
Land Use
Zoning
Administrative Boundaries
Other Layers

PLSS

Public Land Survey System Monuments

Layer Status

PLSS Layer Status

	Status/Comments
Number of PLSS corners (selection, ¼, meander) set in original government survey that can be remonumented in your county	872 (1,177 if one would include center of section, closing corners on quarter-section lines, and meander corners on quarter-section lines which are not part of the original government survey)
Number of PLSS corners capable of being remonumented in your county that have been remonumented	872 100%
Number of remonumented PLSS corners with survey grade coordinates (see below for definition) SURVEY GRADE – coordinates collected under the direction of a Professional Land Surveyor, in a coordinate system allowed by 236.18(2), and obtained by means, methods and equipment capable of repeatable 2 centimeter or better precision SUB-METER – point precision of 1 meter or better APPROXIMATE – point precision within 5 meters or coordinates derived from public records or other relevant information	872 100% Survey Grade 1,177, 100% of all monumented corners original or not, all have established survey grade coordinates
Number of survey grade PLSS corner coordinates integrated into county digital parcel layer	1,177 100%
Number of non-survey grade PLSS corner coordinates integrated into county digital parcel layer	0
Tie sheets available online?	- Yes, NAD83/2011 with also NAD27 - https://maps.sco.wisc.edu/surveycontrolfinder/#7/44.730/-90.143/NGS,county,USGS,CORS/terrain - Yes, NAD27 only - http://maps.sewrpc.org/regionallandinfo/survey.shtm
Percentage of remonumented PLSS corners that have tie sheets available online (whether or not they have corresponding coordinate values)	100%
Percentage of remonumented PLSS corners that have tie sheets available online (whether or not they have corresponding coordinate values) and a corresponding URL path/hyperlink value in the PLSS geodatabase	100%
PLSS corners believed to be remonumented based on filed tie-sheets or surveys, but do not have coordinate values	0
Approximate number of PLSS corners believed to be lost or obliterated	0
Which system(s) for corner point identification/ numbering does the county employ (e.g., the Romportl point numbering system known as Wisconsin Corner Point Identification System, the BLM Point ID Standard, or other corner point ID system)?	- Corner identification is as follows: - XXYYZZZ0 - XX – Township - YY – Range - ZZZ0 – There are a possible 169 corners within a typical township with the Northeast corner of Section 1 being 0010 with the SW of 31 which could be again be 0010 (NE of Section 1) or if outside of the Region the number be 1690. The fourth digit "0" would allocate if there are witness/meander corners. If there are witness/meander corners the value of 1 would be for the witness/meander corner that is to the north of the actual corner location, 2 would be to the east, 3 would to the south, and 4 to the west. - USPLSS corners from adjacent range lines would number from the east line of the western Township. If common corners found from adjacent Townships would number from the north line of the southern Township.
Does the county contain any non-PLSS areas (e.g., river frontage long lots, French land claims, private claims, farm lots, French long lots, etc.) or any special situations regarding PLSS data for tribal lands?	No

Total number of PLSS corners along each bordering county	• Milwaukee – 32; Washington – 55; and County outside Region; Sheboygan – 49
Number of PLSS corners remonumented along each county boundary	• Milwaukee – 21, (100%); Washington – 55, (100%); and County outside Region; Sheboygan – 47, (100%)
Number of remonumented PLSS corners along each county boundary with survey grade coordinates	• Milwaukee – 21, (100%); Washington – 55, (100%); and County outside Region; Sheboygan – 47, (100%)

Custodian

- Ozaukee County Highway Department and SEWRPC (in role as County Surveyor)

Maintenance

- Ozaukee County also contracts with the SEWRPC to provide yearly maintenance to the survey control system. This includes identifying monuments that may be disturbed during upcoming construction and ensuring that all survey ties are correct and current. In addition, SEWRPC responds to notification from other surveyors regarding missing or damaged monuments which are then researched and replaced.

Standards

- Statutory Standards for PLSS Corner Remonumentation
 - s. 59.74, Wis. Stats. Perpetuation of section corners, landmarks.
 - s. 60.84, Wis. Stats. Monuments.
 - ch. A-E 7.08, Wis. Admin. Code, U.S. public land survey monument record.
 - ch. A-E 7.06, Wis. Admin. Code, Measurements.
 - s. 236.15, Wis. Stats. Surveying requirement.
 - North American Terrestrial Reference Frame of 2022 (NATRF2022)
- SURVEY GRADE standard from Wisconsin County Surveyor's Association:
 - **SURVEY GRADE** – coordinates collected under the direction of a Professional Land Surveyor, in a coordinate system allowed by 236.18(2), and obtained by means, methods and equipment capable of repeatable 2 centimeter or better precision
 - **SUB-METER** – point precision of 1 meter or better
 - **APPROXIMATE** – point precision within 5 meters or coordinates derived from public records or other relevant information
- Ozaukee County's PLSS corner coordinates were established using the guidelines and specifications from the National Geodetic Survey for Third Order Class I accuracy. The county uses the State Plane Coordinate System (SPCS) Wisconsin South Zone and the datum referenced is the North American Datum of 1927 (NAD27) and vertically the National Geodetic Vertical Datum of 1929 (NGVD29). In cooperation with the rest of the SEWRPC region, the county completed a horizontal migration to modernize the system to the North American Datum of 1983 with the national readjustment of 2011 (NAD83/2011) and has migrated vertically to the North American Vertical Datum of 1988 (2012) (NAVD88)

Other Geodetic Control and Control Networks

e.g., HARN, Height Mod., etc.

Layer Status

- Ozaukee County does not have other geodetic control networks.

Parcel Mapping

Parcel Geometries

Layer Status

- **Progress toward completion/maintenance phase:** In Ozaukee County, 100% of the county's parcels are available in a commonly-used digital GIS format.
- **Projection and coordinate system:** The parcel maps are reference to the Wisconsin State Plan Coordinate System (South Zone) which is mathematically relatable to the North American Datum (NAD) 1983. The coordinated system was updated in 2018 from NAD27.
- **Integration of tax data with parcel polygons:** The county does not have a parcel polygon model that directly integrates tax/assessment data as parcel attributes.
- **Online Parcel Viewer Software/App and Vendor name:**
Esri ArcGIS Map Viewer – Contractor: Mead & Hunt
- **Unique URL path for each parcel record:** The county does have a unique path for each parcel record from which one can view the specific parcel's attribute information and other land records such as: school district, acreage, surveys, addresses, assessment data, tax bills, recorded documents, parcel history, etc. The URL path appears to be very stable and can be exported.
<https://ozaukee.maps.arcgis.com/apps/webappviewer/index.html?id=1846293f82c24db2a9d7adf5e6554b77>

Custodian

- Ozaukee County Land Information Office

Maintenance

- **Update Frequency/Cycle.** Parcel polygons are updated daily as documents are recorded in the Register of Deeds Office and quality control efforts continue.

Standards

- **Data Dictionary:** The data fields linked to the parcel ID number have a glossary available for determining field headings. This dataset does not adhere to any standard that we know of as it was developed with the software used to keep the record.

Parcels without Land Value

Layer Status

- **As of the current date, how many parcels without a land value has the county recorded:**
 - Date: 08/01/2024
 - Number of Parcels without a land value: 0
- **County geolocates/maps parcels for improvements only and without a land value by:**
 - Point within the legal description
 - Parcels with Buildings, Improvements, Fixtures (BIF) documents are maintained in Fidar's Laredo software.

Assessment/Tax Roll Data

Layer Status

- **Progress toward completion/maintenance phase:** NA
- **Tax Roll Software/App and Vendor name:** Ascent Land Records Suite from Transcendent Technologies
- **Municipal Notes:** NA

Custodian

- Ozaukee County Treasurer's Office

Maintenance

- **Maintenance of the Searchable Format standard:** To maintain the Searchable Format standard, the county will continue to export data from the County's Land Records System and

complete adjustments as needed. Staff will continue to research modifying data in the Ascent Land Records Suite to reduce the number of adjustments to the final export.

- **Searchable Format Workflow:** The County maintains parcel/tax roll data in the Searchable Format or close enough to the Searchable Format that little to no human labor is required for the annual submission of parcel/tax roll data to DOA.

Standards

- Wisconsin Department of Revenue [Property Assessment Manual](#) and attendant DOR standards
- DOR XML format standard requested by DOR for assessment/tax roll data
- Ozaukee County intends to supply the required data prior to the due date required.

Non-Assessment/Tax Information Tied to Parcels

eg., Permits, Easements, Non-Metallic Mining, Brownfields, Restrictive Covenants

Layer Status

- Ozaukee County does not have Non-Assessment/Tax Information ties to parcels

ROD Real Estate Document Indexing and Imaging

Layer Status

- **Grantor/Grantee Index:** Maintenance phase. To date, digital index currently begins with 1905 and has parcel numbers from August 1981. All platted documents (CSM, Subdivisions and Condos) are complete in the digital index.
- **Tract Index:** Digital from August 1981 to the parcel level (PIN). PLSS is also included since August 2010 but few will use this index since it is more refined with the PIN. Anything and everything is included in the index if it is a real estate record.
- **Imaging:** Ozaukee County also utilizes the services of Fidlar Technologies. Fidlar provides this Register of Deeds with its document management system with the following products
 - Avid Land Records Management Software (Latest Version being 4.4.67)
 - Laredo Land Records Document Search Engine
 - Tapestry Land Records via the Internet
 - Monarch Secure, Automated, Dynamic, Data & Image Service
 - Bastion Protect, Secure, Recover, Your Public Record, Financials
 - Property Fraud Alert Protect Their Most Valuable Investment
 - Official Records Online Provide Certified Records Online
 - Imaging Services Document Scanning and Archiving Services
 - Anchor Define, Manage, and Validate Legal Parameters
 - Iris Standardize, Normalize, Regulate
- **ROD Software/App and Vendor Name:** Laredo/Tapestry – from contractor/vendor Fidlar

Custodian

- Ozaukee County Register of Deeds

Maintenance

- Ozaukee County Register of Deeds continues to perform back-indexing.

Standards

- s. 59.43, Wis. Stats. Register of deeds; duties, fees, deputies.
- Ch. 706, Wis. Stats. Conveyances of real property; Recording; Titles.

LiDAR and Other Elevation Data

LiDAR

Layer Status

- **Most recent acquisition year:** 2015
- **Accuracy:** The RMSEz was computed to be 0.041 meters (0.135 feet) and AccuracyZ to be 0.080 meters (0.264 feet). RMSEz has been tested to 0.5 feet or better per the task order specifications. AccuracyZ has been tested to meet 18.13 cm Fundamental Vertical Accuracy at 95 Percent confidence level using $RMSE(z) \times 1.9600$ as defined by the National Standards for Spatial Data Accuracy (NSSDA); assessed and reported using National Digital Elevation Program (NDEP)/ASRPS Guidelines.
- **Post spacing:** 0.7 meter
- **Contractor's standard, etc.:** United State Geological Survey (USGS) – LiDAR Base Specifications, Version 1.2
- **Next planned acquisition year:** 2025
- **QL0/QL1/QL2 acquisition plans:** Current data meets QL2 standards. Future 2025 project is expected to least meet QL2 standards.

Custodian

- Ozaukee County Land Information Office

Maintenance

- None required as the LiDAR data set is static. The county will consider acquiring an updated LiDAR dataset when the benefits outweigh the costs.

Standards

- United State Geological Survey (USGS) – LiDAR Base Specifications QL2.

LiDAR Derivatives

eg., Bare-Earth Digital Terrain Model (DTM), Bare-Earth Elevation Contours, Bare-Earth Digital Elevation Model (DEM), Digital Surface Model (DSM), Hydro-Enforced DEMs, etc.

Layer Status

- Horizontal Datum: NAD27 and NAD83/2011, Wisconsin State Plane Coordinates, South Zone, US Survey Feet;
- Vertical Datum: NGVD29 and NAVD88, US Survey
- Classified LAS Tiles: 10,000ft x 10,000ft tiles - See USGS LiDAR Base Specifications for technical approach for LAS version, file headers, and classification schema.
- Breaklines: One geodatabase containing all breaklines supporting USGS LiDAR Base Specifications (100ft or wider for river/streams and 2 acres or greater for lakes and ponds)
- Digital Terrain Model DTM and hydro-enforced break lines were used to generate contour lines of vertical interval of one-foot. Every fifth contour is noted as an index contour. DTM and contour vector files were delivered using an ESRI File Geodatabase format.
- Bare-Earth Surface (Raster Digital Elevation Model): 2ft hydro-flattened DEM using the same tiling scheme as above.
- FGDC Compliant metadata files for each of the derivative services.

Custodian

- Ozaukee County Land Information Office

Maintenance

- None required as the LiDAR data set is static. The county will consider acquiring an updated LiDAR dataset when the benefits outweigh the costs.

Standards

- United State Geological Survey (USGS) – LiDAR Base Specifications QL2.

Contours

Layer Status

- 1994 2' Contour Data – Vendor – Kapur and Associates
- 2015 1' contour Data – Vendor – Quantum Spatial

Custodian

- Ozaukee County Land Information Office

Maintenance

- None required as the LiDAR data set is static. The county will consider acquiring an updated LiDAR dataset when the benefits outweigh the costs.

Standards

- United State Geological Survey (USGS) – LiDAR Base Specifications QL2.

Orthoimagery

Orthoimagery

Layer Status

- **Most recent acquisition year:** 2024
- **Resolution:** 3"
- **Contractor's standard:** Wisconsin Regional Orthoimagery Consortium (WROC) standard
- **Next planned acquisition year:** 2026 – presumed 3" resolution

Custodian

- Ozaukee County Land Information Office

Maintenance

- Orthophotography acquisition is planned through a consortium organized by SEWRPC, usually every 2 years. Ozaukee County Land Information Office will assist in determining the vendor as well as selecting at the specifications of the data as the acquisition process continues. Ozaukee County will also verify the accuracy and clarity through quality assurance measures.

Standards

- The aerial imagery to support digital Orthoimagery meeting American Society for Photogrammetry and Remote Sensing (ASPRS) Class II standards for the appropriate mapping scale. Collect control for the project using Inertial Measurement Unit (IMU), Airborne Global Positioning System (ABGPS), and ground-based GPS technology

Historic Orthoimagery

Layer Status

- Ozaukee County has multiple years of historical Orthophotography imagery: 1941, 1950, 1963, 1970, 1980, 1990, 1995, 2000, 2005, 2007, 2010, 2015, 2020, 2022 and 2024. Ozaukee County has made all imagery available on the County GIS website's geo-Hub.

Custodian

- Ozaukee County Land Information Office

Maintenance

- Ozaukee County Land Information Office has completed the conversion of the historical imagery (1941-1990) from NAD27 to the NAD83 coordinate system. No further maintenance is required at this time.

Standards

- The aerial imagery to support digital Orthoimagery meeting American Society for Photogrammetry and Remote Sensing (ASPRS) Class II standards for the appropriate mapping scale. Collect control for the project using Inertial Measurement Unit (IMU), Airborne Global Positioning System (ABGPS), and ground-based GPS technology

Other Types of Imagery

Layer Status

- Ozaukee does not have any other types of imagery

Address Points and Street Centerlines

Address Point Data

Layer Status

Maintenance phase. The Land Information Office will continuously maintain addresses points based on orthophotography and other available information to support emergency response applications, NG-911 and CAD routing applications. The address points are generally placed at the driveway access or building entrance, dependent on the type of structure.

Custodian

- Ozaukee County Land Information Office

Maintenance

- Ozaukee County Land Information Office will maintain the address point data as notifications of new or changed addresses are received from the local municipalities.
- Ozaukee County Sheriff's Dept. created a geo-form to facilitate the communication of addresses from the municipalities to county staff.
- Ozaukee County Land Information Office will continue to comply with any changes necessary as it related to Next Generation 911 (NG-911) including modifying data to meet address standards proposed by NENA and the WLIP.

Standards

- Wisconsin GIS NG-911 GIS Data Standard (Site/Structure Address Point)
- Dept. of Military Affairs, Office of Emergency Communications
- National Emergency Number Association (NENA)

Building Footprints

Layer Status

- Ozaukee County has a building footprint dataset, which has not been updated in years.
- ArcGIS Online provides a free REST Service for Microsoft Building Footprints (MSBFP) that can be viewed in both 2D & 3D using ESRI's ArcPro software.

Custodian

- Ozaukee County Land Information Office

Maintenance

- Building footprints do not require maintenance.

Standards

- None

Other Types of Address Information

Eg., Address Ranges

Layer Status

- Maintenance phase. Ozaukee County Land Information Office maintains left & right address ranges in its road centerline features. The data follows the NG-911 Standards schema.
- Ozaukee County Sheriff's Dept. maintains the Master Street Address Guide (MSAG) which contains address ranges for every street in the county.

Custodian

- Ozaukee County Land Information Office
- Ozaukee County Sheriff's Department

Maintenance

- The Ozaukee County Land Information Office will maintain the address ranges in the road centerline feature as notifications are received from the local municipalities.

- The Ozaukee County Land Information Office shares the responsibility to maintain the MSAG with the Dispatch Supervisor in the Sheriff's Dept. to ensure consistency & integration, and plans to continue that relationship.
- Ozaukee County Land Information Office will continue to comply with any changes necessary as it related to Next Generation 911 (NG-911) including modifying data to meet address and road centerline standards proposed by NENA and the WLIP.

Standards

- Wisconsin GIS NG-911 GIS Data Standard
- Dept. of Military Affairs, Office of Emergency Communications
- National Emergency Number Association (NENA)

Street Centerlines

Layer Status

Maintenance phase. The Land Information Office will continuously maintain street centerlines based on orthophotography and other available information to support emergency response applications, NG-911 and CAD routing applications. The Land Information Office will continue to coordinate GIS data with the Sheriff's Dept. who maintains the Master Street Address Guide (MSAG) to ensure consistency and accuracy.

Custodian

- Ozaukee County Land Information Office
- Ozaukee County Sheriff's Department

Maintenance

- Street centerlines are added or modified as shown on recorded subdivision plats and certified survey maps. Locations are refined using current orthophotography.
- Ozaukee County Land Information Office will continue to comply with any changes necessary as it related to Next Generation 911 (NG9-11) including modifying data to meet road centerline standards proposed by NENA and the WLIP.

Standards

- Wisconsin GIS NG-911 GIS Data Standard (Road Centerline)
- Dept. of Military Affairs, Office of Emergency Communications
- National Emergency Number Association (NENA)

Rights of Way

Layer Status

- Maintenance phase. The right-of-way of public roads is a separate feature layer in the parcel dataset. Parcel type is identified with "Right of Way" as an attribute.

Custodian

- Ozaukee County Land Information Office

Maintenance

- Ozaukee County Land Information Office continuously updates the rights-of-way as part of the parcel mapping workflow.

Standards

- Right of ways are maintained utilizing survey records, plats, CSM's, legal descriptions, or by the default assumption of a 66' width.

Trails

eg., Recreational Trails, Snowmobile Trails

Layer Status

- Maintenance phase. The County will continue to maintain bicycle, pedestrian, snowmobile, ATV/UTV and other major named trails (Ozaukee Interurban Trail) layer in our geodatabase.

Custodian

- Ozaukee County Planning and Parks
- Ozaukee County Land Information Office

Maintenance

- To be maintained as needed by recorded documents, records, clubs and orthophotography.

Standards

- None

Land Use

Current Land Use

Layer Status

- The Ozaukee County Planning and Parks Department maintains a planned land use map for the Multi-jurisdictional Comprehensive Plan for Ozaukee County per State Stat 66.1001. The planned land use map is updated through regular amendments to the County's Comprehensive Plan. The Planning and Parks Department is currently working, in conjunction with the Southeastern Wisconsin Regional Planning Commission (SEWRPC) under an existing agreement, on a comprehensive update to the adopted Park and Open Space Plan for Ozaukee County, which will result in an update and formal amendment to the County Comprehensive Plan and planned land use map. The Planning and Parks Department anticipates adoption of the Park and Open Space Plan update and amendment to the County Comprehensive Plan in 2025. The Planning and Parks Department has also begun work on updating the County Farmland Preservation Plan, in conjunction with the SEWRPC. Completion of the Farmland Preservation Plan update (per formal DATCP extension) is December 31, 2025. The update to the Farmland Preservation Plan will also result in a formal amendment and update to the County's Comprehensive Plan and planned land use map in 2025. Finally, the County has initiated a separate update to the Multi-jurisdictional Comprehensive Plan for Ozaukee County to reflect updates to local municipal plans (incorporated municipalities), updates to inventory data not covered by the Park and Open Space Plan and Farmland Preservation Plan updates and updates to associated goals, objectives, policies, and programs of the County Comprehensive Plan. It is anticipated that this update and amendment to the County Comprehensive Plan (including updated planned land use map) will follow the above amendments and be completed over the next 5 years under an agreement with SEWRPC.

Custodian

- Local Municipalities
- Southeastern Wisconsin Regional Planning Commission (SEWRPC)

Maintenance

- Ozaukee County Planning and Parks Dept. updates as needed.

Standards

- s. 66.1001, Wis. Stats. Comprehensive planning. Land use maps are created locally through a community's comprehensive planning process. Land use mapping for the county is a patchwork of maps from comprehensive plans adopted by municipalities and the county.

Future Land Use

Layer Status

- The County Planning and Parks Department will be responsible for updating the planned land use according to the Multi-jurisdictional Comprehensive Plan for Ozaukee County and State Statute 66.1001, as laid out above

Custodian

- Ozaukee County Planning and Parks Dept.

Maintenance

- Ozaukee County Planning and Parks Dept. will update as needed.

Standards

- s. 66.1001, Wis. Stats. Comprehensive planning.

Zoning

County General Zoning

Layer Status

- Not administered by the County.

Shoreland Zoning

Layer Status

- The County does maintain a GIS representation of county shoreland zoning boundaries. Maintenance phase. Coverage includes navigable waterways and the shoreland area (The area within the following distances from the ordinary high-water mark of navigable waters: 1,000 feet from a lake, pond or flowage; and 300 feet from a river or stream or to the landward side of the floodplain, whichever distance is greater) in the unincorporated area of the County and follow the zoning districts adopted by the County Board.

Custodian

- Ozaukee County Land and Water Management

Maintenance

- Ozaukee County Land and Water Management and/or the Planning and Parks Dept. will edit the Shoreland Zoning mapping based on navigability study information received by the Wisconsin Department of Natural Resources and other agencies.

Standards

- s. 59.69 Wis. Stats. Planning and Zoning Authority
- s. 59.692 Wis. Stats. Zoning of shorelands on navigable waters
- s. 87.30 Wis. Stats. Floodplain Zoning
- s. 281.31 Wis. Stats. Navigable waters protection law

Farmland Preservation Zoning

Layer Status

- Not administered by the County

Floodplain Zoning

Layer Status

- The County does maintain a GIS representation of floodplain zoning boundaries. Ozaukee County requires a floodplain delineation be completed when landowners have an area of a potential floodplain. Upon identification of an amendment of a floodplain, the County is responsible to update the mapping to reflect the updated delineation.
- The County's floodplain zoning GIS data is the same as/identical to the FEMA map.
- **Letters of Maps Change** – FEMA Flood Insurance Rate Maps (FIRMs) can be changed through "Letters of Maps Change," which is comprised of a few things: Letters of Map Amendment, Letters of Map Revision, and Letters of Map Revision Based on Fill. These are documents issued by FEMA that officially remove a property and/or structure from the floodplain. They are collectively called Letters of Map Change. The County utilizes these LOMC in regulating floodplain areas.

Custodian

- Ozaukee County Land and Water Management
- Federal Emergency Management Agency
- Wisconsin Dept. of Natural Resources

Maintenance

- Ozaukee County Land Information Office will edit the Floodplain map LOMAs as they are received and forwarded by Land and Water Management

Standards

- FEMA floodplain mapping Standards

Airport Protection**Layer Status**

- Not administered by the County

Municipal Zoning Information Maintained by the County

eg., Town, City and Village, Shoreland, Floodplain, Airport Protection, Extra-Territorial, Temporary Zoning for Annexed Territory, and/or Zoning Pursuant to a Cooperative Plan

Layer Status

- Not administered by the County

Administrative Boundaries

Civil Division Boundaries

Layer Status

- Maintenance phase.

Custodian

- Ozaukee County Land Information Office

Maintenance

- Ozaukee County Land Information Office updates the Civil Divisions as part of the parcel mapping workflow when annexations are recorded in the Register of Deeds Office.

Standards

- None

School Districts

Layer Status

- **Progress toward completion/maintenance phase:** Layer complete
- **Relation to parcels:**
 - **Attributes linked to parcels:** The School District name and district tax code is included in the tax assessment roll and linked to the parcels via the parcel ID number.

Custodian

- Ozaukee County Land Information Office

Maintenance

- Ozaukee County Land Information Office will modify the school district boundaries as notifications from the Department of Public Instruction (DPI) or other County Departments are received.

Standards

- None

Election Boundaries – Wards

e.g., Voting Districts, Precincts, Wards, Polling Places, etc.

Layer Status

- Layer complete. Wards were created by the local municipalities during the Redistricting process in 2021.

Custodian

- Ozaukee County Clerk's Office
- Local Municipal Clerks
- Ozaukee County Land Information Office

Maintenance

- Ozaukee County Land Information Office modifies ward polygons when an annexation occurs.

Standards

- s. 5.15 Wis. Stat. Division of municipalities into wards

Election Boundaries – County Supervisory Districts

e.g., Voting Districts, Precincts, Wards, Polling Places, etc.

Layer Status

- Layer is complete. Supervisory Districts were created during the Redistricting process in 2021.

Custodian

- Ozaukee County Clerk's Office

- Ozaukee County Land Information Office

Maintenance

- This layer will not change until the next redistricting process after the census in 2030.

Standards

- s. 59.10 Wis. Stat. Boards: composition; election; terms; compensation; compatibility

Election Boundaries – Polling Places

e.g., Voting Districts, Precincts, Wards, Polling Places, etc.

Layer Status

- Layer is complete. Polling places were determined by the local municipalities during the Redistricting process in 2021.

Custodian

- Ozaukee County Clerk's Office
- Local Municipal Clerks
- Ozaukee County Land Information Office

Maintenance

- Ozaukee County Land Information Office modifies polling places when notified of a change by the municipal clerks.

Standards

- None

Utility Districts

eg., Water, Sanitary, Electric, etc.

Layer Status

- Layer is complete. Utilities are responsible for creating their own data sets; however, the County will make our base map data available to utilities, sanitary districts, etc. Ozaukee County does have formal agreements with We-Energies, American Transmission Company (ATC) and Milwaukee Metropolitan Sewage District (MMSD) for data sharing.

Custodian

- Ozaukee County Land Information Office

Maintenance

- Ozaukee County Land Information Office will add the static dataset to the central repository if/when it is received.

Standards

- None

Emergency Service Boundary – Law/Fire/EMS

Layer Status

- **Law Enforcement:** Layer is complete.
- **Fire:** Layer is complete.
- **EMS:** Layer is complete.

Custodian

- Ozaukee County Sheriff's Department
- Ozaukee County Land Information Office

Maintenance

- Ozaukee County Land Information Office updates as needed with changes to civil boundaries or response team agreements.
- Verification will be made for adjoining county gaps or overlaps per Wisconsin GIS NG-911.

Standards

- Wisconsin GIS NG-911 Data Standard (Emergency Service Boundary)

Public Safety Answering Points (PSAP) Boundary

Layer Status

- **PSAP Boundary:** Layer is complete. As of January 1, 2024, Ozaukee County has one PSAP which is the same as the county boundary.

Custodian

- Ozaukee County Sheriff's Department
- Ozaukee County Land Information Office

Maintenance

- Verification will be made for adjoining county gaps or overlaps per Wisconsin GIS NG-911.

Standards

- Wisconsin GIS NG-911 Data Standard (PSAP Boundary)

Provisioning Boundary

Layer Status

- Layer is complete.

Custodian

- Ozaukee County Sheriff's Department
- Ozaukee County Land Information Office

Maintenance

- Verification will be made for adjoining county gaps or overlaps per Wisconsin GIS NG-911.

Standards

- Wisconsin GIS NG-911 Data Standard (Provisioning Boundary)

Other Public Safety

e.g., Healthcare Facilities

Layer Status

- Maintenance phase. Hospitals, Clinics, Elderly Facilities, Police Depts., Fire Depts. and ambulance locations are mapped.

Custodian

- Ozaukee County Land Information Office

Maintenance

- Updated as needed.

Standards

- None

Lake Districts

Layer Status

- Not administered by the County

Native American/Tribal Lands

Layer Status

- Not administered by the County

Other Administrative Districts

e.g., County Forest Land, Parks/Open Space, etc.

Layer Status

- Maintenance phase. The tax database and the GIS parcel map can be used to determine public administered lands and district boundaries may be developed as the need arises.
- The County maintains a public and open space dataset.

Custodian

- Ozaukee County Planning and Parks Dept.

Maintenance

- Updated as needed by the Planning and Parks Department.

Standards

- None

Other Layers

Hydrography Maintained by County or Value-Added

e.g., Hydrography maintained separately from DNR or value-added, such as adjusted to orthos; Elevation-Derived Hydrography

Layer Status

- Layer is complete. Includes flowing water, lakes and ponds. This layer is critical and maintained as part of the shoreland zoning dataset.

Custodian

- Ozaukee County Land and Water Management
- Ozaukee County Land Information Office

Maintenance

- Hydrography is digitized using current Orthophotography.

Standards

- USGS Elevation-Derived Hydrography Specifications

Cell Phone Towers

Layer Status

- Ozaukee County does not have a GIS data layer for cell towers, but will be looking to develop this dataset when time allows.

Bridges and Culverts

Layer Status

- Maintenance phase
- An inventory by the County Highway Department for culverts began in late 2024.
- Ozaukee County will create an online app and collect field data throughout 2025.
- Data will be used to assist the DOT assessments of infrastructures

Custodian

Ozaukee County Highway Dept.

Maintenance

As needed

Standards

None

Other/Miscellaneous – Railroads

e.g., Pipelines, Railroads, Non-Metallic Mining, Sinkholes, Manure Storage Facilities, etc.

Layer Status

- Layer is complete.

Custodian

- Ozaukee County Land Information Office

Maintenance

- Railroad right-of-way is maintained in the parcel database.
- Railroad centerlines are digitized using current Orthophotography.

Standards

- None

3 LAND INFORMATION SYSTEM

The WLIP seeks to enable land information systems that are both modernized and integrated. Integration entails the coordination of land records to ensure that land information can be shared, distributed, and used within and between government at all levels, the private sector, and citizens.

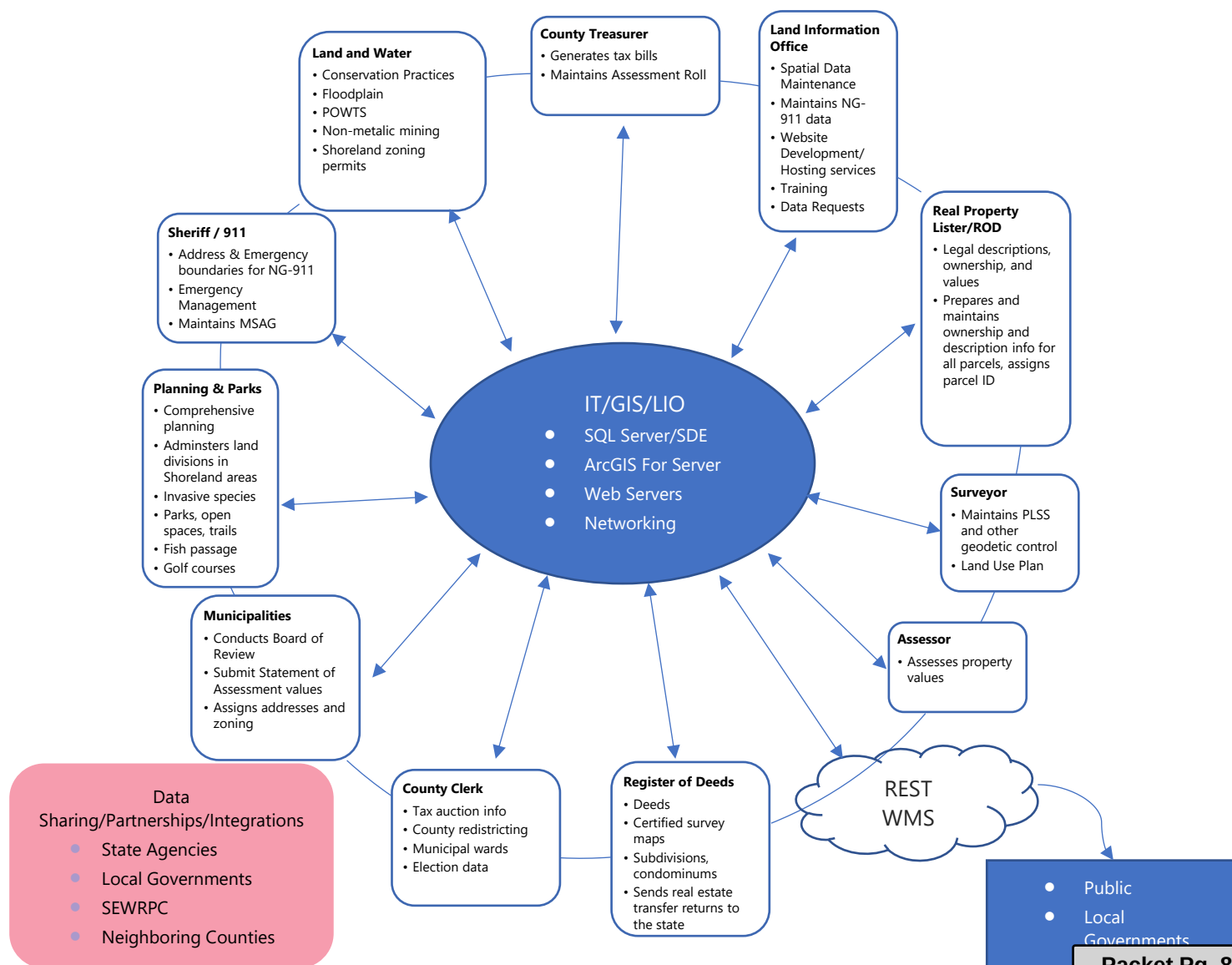
One integration requirement is listed under s. 16.967(7)(a)(1), Wis. Stats., which states that counties may apply for grants for:

The design, development, and implementation of a land information system that contains and integrates, at a minimum, property and ownership records with boundary information, including a parcel identifier referenced to the U.S. public land survey; tax and assessment information; soil surveys, if available; wetlands identified by the department of natural resources; a modern geodetic reference system; current zoning restrictions; and restrictive covenants.

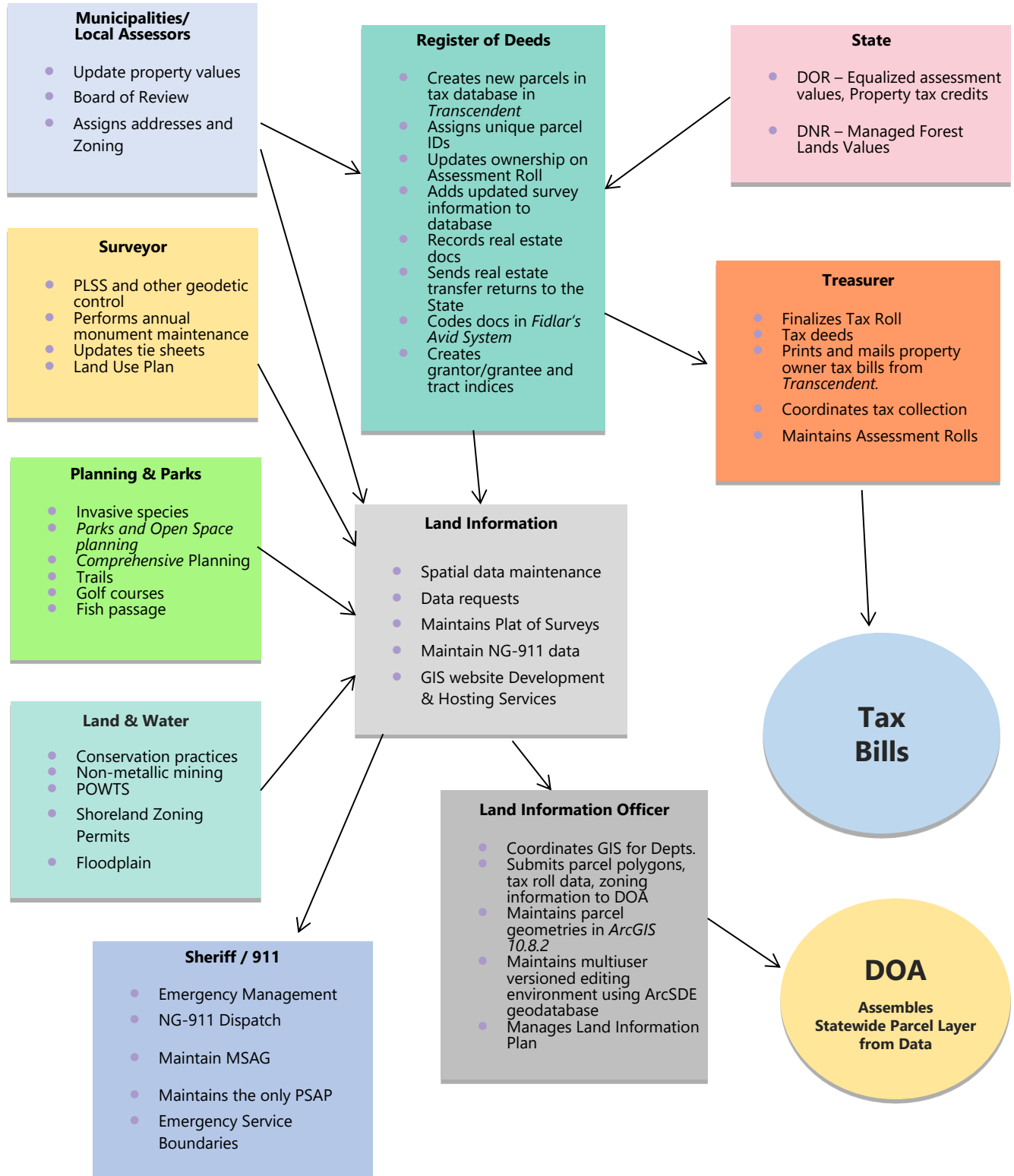
This chapter describes the design of the county land information system, with focus on how data related to land features and data describing land rights are integrated and made publicly available.

Current Land Information System

Diagram of County Land Information System



County Parcel Data Workflow Diagram



Technology Architecture and Database Design

This section refers to the hardware, software, and systems that the county uses to develop and operate computer systems and communication networks for the transmission of land information data.

Hardware

- The Land Information system is maintained by the IT Dept. The virtual Microsoft SQL Servers (SDE) have a backup schedule in place. All servers are in a climate-controlled environment.
- Users have access to both desktop and mobile devices. All have access to network drives.
- The Land Information Office has large format scanners and plotters in addition to desktop printers.

Software

County currently uses ArcGIS Pro: Yes, however some users continue to migrate from ArcMap.

- Ozaukee County uses ESRI software: ArcGIS Enterprise, Desktop 10.8.2, ArcGIS Pro 3.2.1 (Basic, Standard, Advanced), 3D Analyst and Spatial Analyst.
- Ozaukee County also utilizes ArcGIS Online for our geo-Hub, mapping apps, data downloads, field collection apps, dashboards and story maps.
- Fidar Technologies (Register of Deeds)
- Transcendent Technologies – Ascent Land Records (Treasurer's Dept.)

Website Development/Hosting

- Ozaukee County contracted with Mead & Hunt (formerly Symbiont) to develop an updated GIS website. This geo-Hub allows the public access to many web applications. These apps were created using ArcGIS Web App Builder which will be converted to Experience Builder. Free data downloads are available via our REST endpoint. An internal site was also created for the Sheriff's Dept. containing private data. Updated feature datasets are published on a weekly schedule.

Metadata and Data Dictionary Practices

Metadata Creation

- **Metadata creation and maintenance process:** The County maintains the Metadata for our existing GIS layers and will create Metadata for new layers and data sets.

Metadata Software

- **Metadata software:**
 - The County utilizes ArcCatalog to develop and provide access to geospatial metadata.
 - The software does generate metadata consistent with the [FGDC Content Standard for Digital Geospatial Metadata \(CSDGM\)](#), and the International Standards Organization (ISO) geographic metadata standard (19115).
- **Metadata fields manually populated:** All fields, where possible.

Metadata Policy

- **Metadata Policy:** No formal policy at this time

Municipal Data Integration Process

- Municipalities assign their own site addresses. The Site Structure Address Points (SSAP) are maintained as a county feature layer and are used for NG-911. This process is the same for new road centerlines.
- Municipalities can integrate current read-only county data into their own GIS software online applications through the county's REST endpoint.

Public Access and Website Information

Public Access and Website Information (URLs)

Public Access and Website Information

GIS Web mapping Application(s)

Link - URL	GIS Download Link - URL	Real Property Lister Link - URL	Register of Deeds Link - URL
https://ocgeohub-ozaukee.hub.arcgis.com/	https://ocgeohub-ozaukee.hub.arcgis.com/search	http://www.ascent.co.ozaukee.wi.us/LandRecords/PropertyListing/RealEstateTaxParcel#/Search	https://tapestry.fidlar.com/Tapestry2/LinkToTapestry.aspx?County=Ozaukee&State=WI

Web Services/REST End Points

URL

<https://gis2.co.ozaukee.wi.us/arcgis/rest/services/>

County Webpage with Link to Statewide Parcel Map (www.sco.wisc.edu/parcels/data)

URL

<https://www.ozaukeecounty.gov/339/Land-Information>

Municipal Website Information

Municipal Website	Municipal Website URL
City of Cedarburg GIS	https://www.cityofcedarburg.wi.gov/residents/pages/city-maps
City of Mequon	https://ocgeohub-ozaukee.hub.arcgis.com/
City of Port Washington	https://ocgeohub-ozaukee.hub.arcgis.com/
Village of Fredonia Zoning	https://fredoniawi.maps.arcgis.com/apps/webappviewer/index.html?id=03d6b79aadab44c7b22b522bf8f47502
Village of Grafton	https://vlg-grafton-wi.smartgovcommunity.com/Parcels/ParcelHome
Village of Saukville	https://village-of-saukville-gis-saukville.hub.arcgis.com/
Village of Thiensville	https://village-of-thiensville-r-m.hub.arcgis.com/
Village of Belgium Zoning	https://vbelgium.maps.arcgis.com/apps/Minimalist/index.html?appid=225ab40dfd6043b7adf5a58e9a542383
Town of Grafton	https://townofgraftonwi.gov/maps/

Data Sharing

Data Availability to Public

Data Sharing Policy

- Land data records are available to the public through free online applications. <https://ocgeohub-ozaukee.hub.arcgis.com/>
- Access to data is also available through publicly accessible REST services for free data download. <https://gis2.co.ozaukee.wi.us/arcgis/rest/services>
- Recorded documents in the Register of Deeds Office are available to the public with the required statutory fees. <https://www.ozaukeecounty.gov/199/Register-of-Deeds>

Open Records Compliance

- Ozaukee County is committed to adhering to Wisconsin's Open Records Law by providing free online access to data.

Data Sharing Restrictions and Government-to-Government Data Sharing

Data Sharing Restrictions

- Ozaukee County established a Product Distribution Policy which states the data provided by the County cannot be manipulated or sold for profit. All Data is provided as Read-Only.

Government-to-Government Data Sharing

- The Land Information Office offers free access to other counties and municipalities. All Data is provided as Read-Only.

Training and Education

- Ozaukee County is dedicated to the continuation of training and education. Land Information, along with other county departments are encouraged to attend regular conferences and meetings, such as Wisconsin Land Information Association (WLIA), Wisconsin Land Information Officers Network (LION), Wisconsin Real Property Listers Association (WRPLA), ESRI's User Conference, ESRI Wisconsin User Group (EWUG), Southeast Wisconsin ESRI Technical User Group (SEWETUG), Wisconsin Register of Deeds Association (WRDA), Fidar Technologies, etc.
- There are also many online courses and tutorials available through our software provider, ESRI that users can participate in at their convenience.

4 CURRENT & FUTURE PROJECTS

This chapter lists the current and future land information projects the county is currently undertaking or intends to pursue over its planning horizon. A project is defined as a temporary effort that is carefully planned to achieve a particular aim. Projects can be thought of as the means to achieving the county's mission for its land information system.

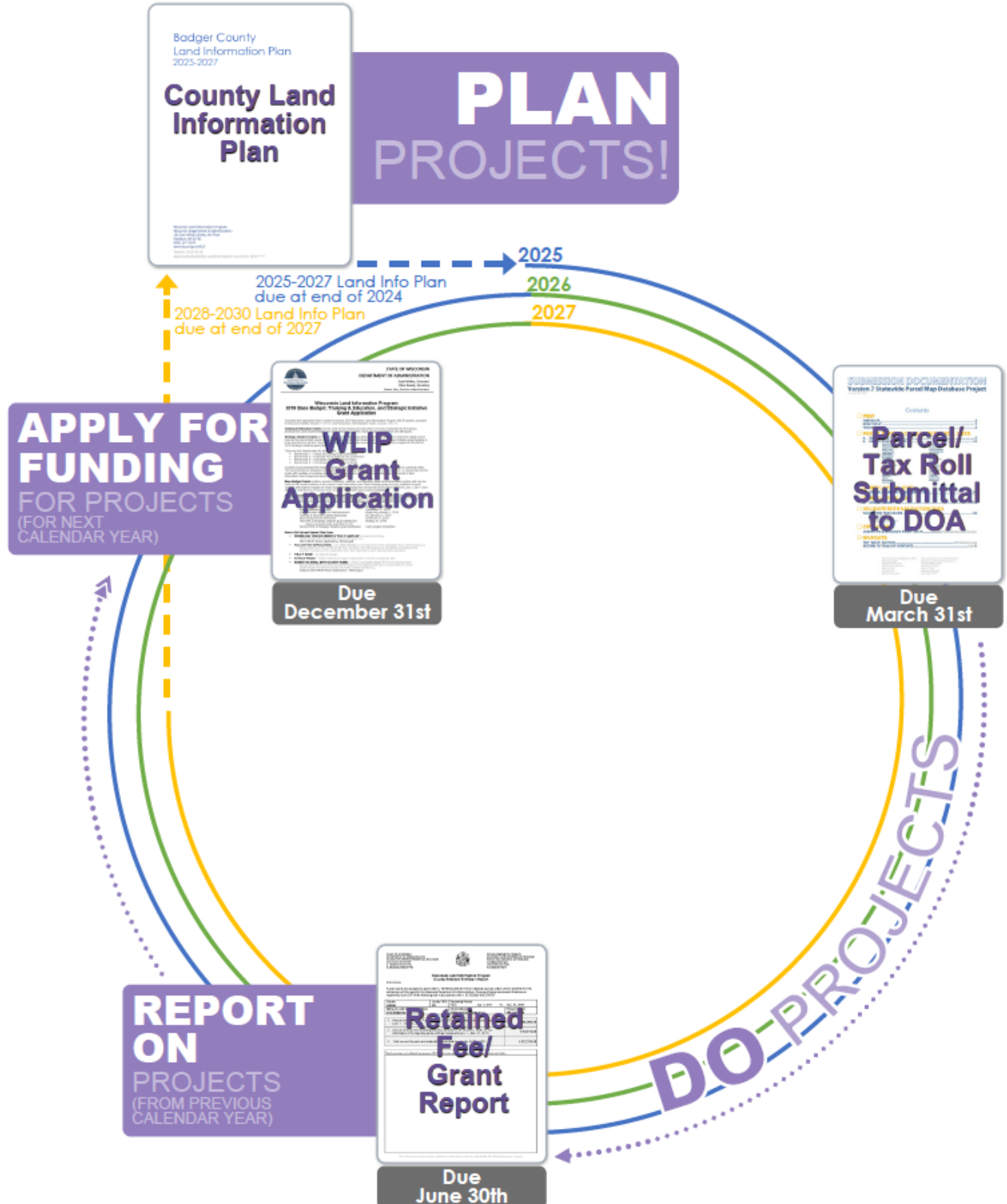


Figure 1. The WLIP Land Information Plan/Grant Project Cycle

Project Plan to Maintain Searchable Format (Benchmarks 1 & 2)

Project Description

How Searchable Format Will Be Maintained

- Ozaukee County will continue to maintain the searchable parcel layer through a script that can be scheduled and combine all datasets together. The County's parcel layer and tax assessment layer are completely separate databases and formats therefore we have contracted with an outside firm to facilitate the process. We are continually looking for solutions to make this process easier and therefor will continue to utilize grant funding to accommodate the schema requirements in order to meet Benchmarks 1 and 2.

Business Drivers

- Maintaining parcel data in a searchable format is necessary for the Statewide Parcel Map. A uniform schema allows direct integration to the state-wide layer.

Objectives/Measure of Success

- The objective is to continue to meet the Searchable Format for Benchmarks 1 & 2 (Parcel and Zoning Data Submission, Extended Parcel Attribute Set Submission).

Project Timeframes

Timeline – Project Plan to Maintain Searchable Format		
Milestone	Duration	Date
Project start	-	January 1, annually
Gather data	-	January 1-30
Contractor formats data	-	February 1-28
Project complete	-	By March 31

Responsible Parties

- Ozaukee County Land Information Office – Quality Control & compile data
- Ozaukee County Treasurer's Office – Custodian of Tax Roll data
- Ozaukee County IT Dept. – Export Tax Roll in searchable format
- Outside Contractor, David Flack – DOA submittal

Estimated Budget Information

- See table at the end of this chapter for project budget information.

Project #1: 2026 Orthophotography

Project Description

- Acquire 2026 Orthophotography along with the other SEWRPC Counties at a presumed base resolution of 3" pixels.
- **Land Info Spending Category:** Orthoimagery

Business Drivers

- Imagery is the most used data layers in our public and internal facing applications and is used to determine current ground condition and the measurement of ground features.
- Continuous land development may not be visible on imagery flown in 2–3-year increments
- Used for zoning enforcement, law enforcement, planning, assessment, emergency management, etc.
- Orthophotography is the base on which other layers such as surface water and address points are digitized.
- Enhanced resolution and update frequency will produce more clarity which, in some cases, could prevent field work.

Objectives/Measure of Success

- To have a product of increased image quality on a timeline to match land development.

Project Timeframes

Timeline – Project #1 2026 Orthophotography		
Milestone	Duration	Date
Capture of Data	-	March 2026
Receive Deliverables	-	December 2026

Responsible Parties

- SEWRPC – Contract administration, QA/QC data, consortium coordination
- Contracted Firm – Data collection and processing
- Ozaukee County Land Information Office – Oversee project, update files for GIS users and online applications.

Estimated Budget Information

- See table at the end of this chapter for project budget information.

Project #2: 2025 LiDAR Acquisition

Project Description

- Acquire countywide LiDAR
- Acquire LiDAR derivatives, such as 1-foot contours
- **Land Info Spending Category:** LiDAR

Business Drivers

- Existing LiDAR was acquired in 2015 and does not represent current land development.
- Accurate elevation data is critical for floodplain mapping.
- LiDAR data is used for a variety of road and other construction projects by state, county and local governments, as well as the private sector.

Objectives/Measure of Success

- Delivered data that meets industry and federal standards.

Project Timeframes

Timeline – Project #2 2025 LiDAR Acquisition		
Milestone	Duration	Date
Capture of Data	-	March/April 2025
Receive Deliverables	-	December 2025

Responsible Parties

- SEWRPC – Contract administration, QA/QC, consortium coordination
- Contracted Firm – Data collection and processing
- Ozaukee County Staff - Oversee project, update files for GIS users and online applications.

Estimated Budget Information

- See table at the end of this chapter.

Project #3: Website Development/Hosting Services

Project Description

- Update the county parcel map weekly with current data.
- Update base-maps as current Orthoimagery is obtained.
- Continue to maintain and enhance our geo-HUB for access to a number of free applications and data downloads. Convert apps created with Web App Builder to Experience Builder.
- Host feature layers used in municipal online applications.
- Maintain ESRI software used for creating, maintaining, analyzing and publishing land information.
- **Land Info Spending Category:** Website Development/Hosting Services

Business Drivers

- Provide fast and easy access to accurate land information.
- Increase productivity for county staff, local governments, real estate professionals, engineers, surveyors and the general public

Objectives/Measure of Success

- GIS web and mobile applications are heavily used to improve efficiency of daily tasks.
- Continuous, on-demand access to Land Information
- Online data reduced response times for Emergency personnel.

Project Timeframes

Timeline – Project #3 Website Development/Hosting Services		
Milestone	Duration	Date
Project #3 start	–	2006
Project Complete	–	Ongoing

Responsible Parties

- Ozaukee County Land Information Office, along with other county staff
- Contractor – Mead & Hunt

Estimated Budget Information

- See table at the end of this chapter.

Project #4: NG-911 Data Maintenance

Project Description

- Ozaukee County Land Information will continue to update and maintain GIS data layers including address points, street centerlines, emergency service boundaries and provisioning boundary to comply with National Emergency Number Association (NENA) standards. The development of standards is an ongoing process that will eventually become a nation-wide communications infrastructure for Next Generation 911.
- **Land Info Spending Category:** Address Points and Street Centerlines

Business Drivers

- Next Generation 911 initiative across the US and Canada.
- NG-911 will enhance emergency number services to create a faster, more resilient system that allows callers to send voice, photos, videos and text messages to the NG-911 network.
- NG-911 will improve call overload, management of natural disasters and the transfer of calls to the Public Safety Answering Points (PSAPs), decreasing response times.

Objectives/Measure of Success

- Completed the migration of all NG-911 data to the geodatabase developed by Geo-Comm.
- Ability to implement NG-911 in Ozaukee County.

Project Timeframes

Timeline – Project #4 Prepare for NG-911		
Milestone	Duration	Date
Project #4 start	–	2020
Data Compliant	–	2024
Future Modifications and Maintenance	–	Ongoing

Responsible Parties

- Ozaukee County Land Information Office
- Ozaukee County Sheriff's Department
- Wisconsin Dept. of Military Affairs (DMA) – Office of Emergency Communications (OEC)

Estimated Budget Information

- See table at the end of this chapter.

Project #5: Document Scanning and Indexing

Project Description

- Ozaukee County Register of Deeds continues to back-index documents into the Grantor-Grantee books. This is being performed in-house and is currently completed going back to 1895. These records can be viewed online through Fidlar's Tapestry software.
- Ozaukee County Land Information Office continues to scan and index Plat of Surveys. These plats can be viewed on our GIS website.
- **Land Info Spending Category:** Other Parcel work

Business Drivers

- Provide online access for records in a searchable format, thereby increasing efficiency for property owners, abstract & title companies, banks, realtors, lawyers, utility companies, land surveyors and the general public.
- Preserve historic records in old books that are deteriorating

Objectives/Measure of Success

- Grantor/Grantee documents are indexed and searchable
- There is a high demand for online access of plat of surveys for surveyors, property owners and other land use professionals.

Project Timeframes

Timeline – Project #5 Document Scanning and Indexing		
Milestone	Duration	Date
Project #5	-	Ongoing

Responsible Parties

- Register of Deeds office
- Land Information Office

Estimated Budget Information

- See table at the end of this chapter.

Project #6: Training and Education

Project Description

- Continued Training is necessary for existing and new Ozaukee County staff. Opportunities for education include but not limited to conferences, workshops, training courses, and presentations by:
 - WLIA - Wisconsin Land Information Association
 - EWUG - ESRI Wisconsin User Group
 - ESRI Users Conference – San Diego, CA
 - SEWEUG - Southeast Wisconsin ESRI Technical User Group
 - Vendor sponsored demonstrations and training sessions
 - ESRI Training Courses – Virtual or in-person
- Some county staff is in the process of migrating to ArcPro which is replacing ArcMap.
- Many of the existing online applications were created with ArcGIS Web App Builder. This is being replaced with ArcGIS Experience Builder, requiring training for modifying existing apps and the creation of any new apps.

Land Info Spending Category: Training and Education

Business Drivers

- Evolving technology requires the need to learn and understand ever-changing software and processes and to improve efficiency.
- End users expect Ozaukee County to stay current with technology.

Objectives/Measure of Success

- Continue the land records modernization of Ozaukee County.

Project Timeframes

Timeline – Project #6 Training and Education

Milestone	Duration	Date
Project #6	–	Ongoing

Responsible Parties

- Ozaukee County Staff

Estimated Budget Information

- See table at the end of this chapter.

Project #7: Development of POWTS Layer

Project Description

- Determine the location and characteristics of Private On-Site Wastewater Treatment System (POWTS) in Ozaukee County and publish the layer for online access to the public.
- The Land and Water Management Dept. will maintain the data which will be updated online weekly.
- Ozaukee County IT will provide links to allow users to view POWTS permits online.
- **Land Info Spending Category:** Other (Data Development)

Business Drivers

- Will help facilitate planning for septic system replacement areas and ensure areas of adequate space for future systems.
- Will help to ensure that systems stay with the structure with parcel splits and are not installed on the wrong parcel.
- Will help to ensure that other contractors do not inadvertently encroach the system area.
- Will help new owners and contractors locate the system for proper maintenance and inspection.

Objectives/Measure of Success

- Completion of a POWTS data layer that the public can view online.

Project Timeframes

Timeline – Project #7 Development of POWTS Layer		
Milestone	Duration	Date
Project #7 start - collect data	-	2022
Create online app	-	2025
Project complete	-	Ongoing

Responsible Parties

- Land & Water Management

Estimated Budget Information

- See table at the end of this chapter.

Project #8: Culvert Inventory

Project Description

- To collect, map and develop an assessment of local bridges and culverts that are more than 6-feet and less than 20-feet in span under a roadway in all of Ozaukee County.
- **Land Info Spending Category:** Other (Data Development)

Business Drivers

- The county lacks any culvert and bridge dataset.
- Dataset is required to help with the Wisconsin Department of Transportation's request for inventory and assessment information.
- To better understand the state of our infrastructure throughout the county.

Objectives/Measure of Success

- Completion of culvert inventory for maintenance.
- To help in the addition of information to the Wisconsin Department of Transportation Highway Structures Information System (HSIS) to potentially create an opportunity for receiving funding for replacement of old deteriorated structures.
- To better understand the state of our infrastructure throughout the county.

Project Timeframes

Timeline – Project #8 Culvert Inventory		
Milestone	Duration	Date
Project #8 start	-	end 2024
Create online app, Collect data	-	Throughout 2025
Project complete	-	Ongoing

Responsible Parties

- Ozaukee County Highway Department

Estimated Budget Information

- See table at the end of this chapter.

Project #9: Administrative Activities and Management

Project Description

- Project includes, but not limited to:
 - General mapping – create & maintain numerous data layers
 - NG-911 data prep & maintenance, coordinate with Sheriff's Dept.
 - Map, scan and index plat of surveys
 - Coordinate GIS data with other departments & municipalities, SDE access/privileges, creation of geodatabases, online apps & maps, monitor GIS website for updates and errors
 - Maintain ESRI software licenses & updates
 - Process data requests, assist other departments with legal descriptions and maps
 - Conferences, meetings, training, budgets, review RFPs, invoices
 - Maintain Land Information Plan
 - WLIP Grant applications & Retained Fees Report
 - Boundary & Annexation Survey
 - Maintain Searchable Format (Benchmarks 1 & 2) and data submittal used for the Statewide Parcel Initiative
 - Assist with redistricting, submit revised wards to LTSB for municipalities
 - Training
- **Land Info Spending Category:** Administrative Activities and Management

Business Drivers

- Assure all elements of the Land Information Plan are followed
- The demand for GIS services is continually growing.

Objectives/Measure of Success

- All required searchable-format data, grant applications, report submittals are on time.
- Many people rely on Ozaukee County's GIS data for vital services, including 911 Dispatch. All users of supplied GIS data are able to complete their daily tasks efficiently.

Project Timeframes

Timeline – Project #9 Administrative Activities & Management

Milestone	Duration	Date
Project #9	-	Ongoing

Responsible Parties

- Land Information Office

Estimated Budget Information

- See table at the end of this chapter.

Estimated Budget Information (All Projects) for Planning Period 2025-2027

Estimated Budget Information

Project Title	Item	Unit Cost/Cost	Land Info	Project Total
			Plan Citations Page # or section ref.	
Maintain Searchable Format (Benchmarks 1 & 2)	GIS Coordinator	25% = \$20,345 /yr	Page 32	
	Contractor – David Flack	\$3,000 /yr		\$70,035
1) 2026 Orthophotography	Contractor – Ayres Associates	\$22,000	Page 33	
	Contractor – Mead & Hunt	\$4,000		\$26,000
2) 2025 LiDAR Acquisition	Contractor – Ayres Associates	\$25,000	Page 34	
	Contractor – Mead & Hunt	\$4,000		\$29,000
3) Website Development/Hosting Services	GIS Coordinator	10 % = \$8,138 /yr	Page 35	
	Potential GIS Tech	\$4,000 /yr		
	Contractor - Mead & Hunt	\$30,000 /yr		\$126,414
4) NG-911 Data Maintenance	GIS Coordinator	10 % = \$8,138 /yr	Page 36	
	Potential GIS Tech	\$10,000 /yr		
	Contractor - Mead & Hunt	\$5,000		\$59,414
5) Document Scanning & Indexing	GIS Coordinator	10 % = \$8,138 /yr	Page 37	
	Potential GIS Tech	\$8,000 / yr		
	ROD Staff	25% = \$9,000 /yr		\$75,414
6) Training and Education	GIS Coordinator	\$1,500 /yr	Page 38	\$9,000
	Potential GIS Tech	\$1,500 /yr		
7) Development of POWTS Layer	Land & Water Mngt. , IT staff	\$10,000 /yr	Page 39	
	Contractor - Mead & Hunt	\$3,000 /yr		\$39,000
8) Culvert Inventory	County Highway staff	\$5,000 / yr	Page 40	
	Contractor – Mead & Hunt	\$7,000		\$22,000
9) Administrative Activities & Management	GIS Coordinator	25 % = \$20,475 /yr	Page 41	\$91,425
	Potential GIS Tech	\$10,000 /yr		
GRAND TOTAL				\$547,702

Note: These estimates are provided for planning purpose only, budget is subject to change. Optional items may be considered by Land Information Council but are not guaranteed projects to be included in grant application, each year will vary by availability of funds and actual expenses. Optional items not included in bolded category totals; however, they are included in higher end of all project grand total.

■ ■ ■

ORDINANCE NO. 24-5

SHORELAND & FLOODPLAIN ZONING MAP AMENDMENT - TOWN OF GRAFTON,
SECTION 9

The Ozaukee County Board of Supervisors does ordain that the County Shoreland and Floodplain Zoning Map be amended in accordance with Section 19.156 of the Ozaukee County Code of Ordinances to indicate a Zoning Classification change from Shoreland to Shoreland-Wetland.

Affecting the following described real estate: **Town of Grafton**, T10N, R22E in part of the NW 1/4 and the NE 1/4 of the SE 1/4 of Section 9, Lot 1 CSM #4264 Doc. 1160067.

Parcel Key #'s 06-009-13-002.00, North of 1788 Lake Shore Road owned by SLJ Stables LLC; and Lot 2 CSM #4264 Doc. 1160067, 1788 Lake Shore Road owned by Sommersberger Revocable Trust.

This Ordinance shall take effect upon enactment and publication.

Dated at Port Washington, Wisconsin, September 4, 2024.

SUMMARY: Shoreland and Floodplain Zoning Map Amendment, Town of Grafton, Section 9

VOTE REQUIRED: Majority

08/08/24

Natural Resources Committee

APPROVED

RESULT: **APPROVED [UNANIMOUS]**
MOVER: T. Matera, Supervisor District 7
SECONDER: K. Schoessow, Supervisor District 23
AYES: Holyoke, Ross, Jobs, Matera, Schoessow

NATURAL RESOURCES COMMITTEE

Natural Resources Committee
AGENDA INFORMATION SHEET

AGENDA DATE:	September 4, 2024
DEPARTMENT:	Land and Water Management
DIRECTOR:	Katie Vogeler
PREPARER:	Katie Vogeler

Agenda Summary Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9

BACKGROUND INFORMATION: Request by **Sommersberger Revocable Trust (Gregory Summersberger)**, owner of one of two lots, to petition the committee for a Zoning Classification change from Non-Wetland to Wetland in the Shoreland-Wetland District, per Section 19.15600 of the Ozaukee County Shoreland Protection Ordinance, to reflect the results of a wetland delineation report and survey for the two properties as described below.

Affecting the following described real estate: **Town of Grafton**, T10N, R22E in part of the NW 1/4 and the NE 1/4 of the SE 1/4 of Section 9, Lot 1 CSM #4264 Doc. 1160067,

Parcel Key #'s 06-009-13-002.00, North of 1788 Lake Shore Road owned by SLJ Stables LLC; and Lot 2 CSM #4264 Doc. 1160067, 1788 Lake Shore Road owned by Sommersberger Revocable Trust.

ANALYSIS: The Shoreland and Floodplain is to reflect the wetland delineation report conducted by Heartland Ecological Group INC, dated May 17, 2024.

Per section 19.156 of the County Shoreland Protection Ordinance, any change to a wetland boundary shown on a Shoreland and Floodplain Zoning Map requires County Board approval.

FISCAL IMPACT: N/A FUNDING SOURCE: N/A

RECOMMENDED MOTION: Approval to amend the Shoreland & Floodplain Zoning Map to reflect the change in the wetland delineation as a result of the survey completed by Heartland Ecological Group INC, dated May 17, 2024.

ATTACHMENTS:

- Sommersberger Rezoning (PDF)

RECEIVED

9.a



LAND AND WATER MANAGEMENT DEPARTMENT

JUL 02 2024

OZAUKEE COUNTY
LAND & WATER
MANAGEMENT DEPT

Katie Vogeler, Director

Edward J. Pfister, Sanitation & Zoning Coordinator

Geoff Schramm, Land & Water Coordinator

www.co.ozaukee.wi.us

PETITION TO CHANGE ZONING CLASSIFICATION

TO THE OZAUKEE COUNTY NATURAL RESOURCES COMMITTEE:

Ladies & Gentleman:

The undersigned hereby petitions the Ozaukee County Natural Resource Committee to change the zoning classification of the following land in Ozaukee County, Wisconsin from:

Shoreland - Wetland

(Existing Zoning District)

to

Shoreland

(Proposed Zoning District)

Owner:

The Sommersberger Rev. Trust

Telephone Number:

920 254-2385

E-Mail Address:

gsommersberger@rwbaird.com

Mailing Address:

893 Tallgrass Drive

City, State, Zip:

Grafton WI 53024

Project Address (if different than mailing address):

1788 Lake Shore Rd.
Grafton WI 53024

Agent:

Telephone Number:

E-Mail Address:

Mailing Address:

City, State, Zip:

Tax Key Number:

06-009-13-002.00 06-009-13-003

Legal Description (1/4, Section, Township-Range, Municipality):

Town of Grafton NW 1/4 & NE 1/4 of SE 1/4 Section 9 T10N R22E

Lot Number:

1+2

Block Number:

N/A

Subdivision Name or CSM #

CSM # 4264 Doc. 11600617

Additional Information:

NOTICE TO PETITIONERS:

The procedure to rezone / amend the Ozaukee County Shoreland and Floodplain Zoning Ordinance must comply with the statute and administrative rule provisions described in Sections 7.1300-7.1305. The criteria that the board must consider to reach a decision on the petition are stated in the ordinance [Sections 7.1300 (comprehensive), 7.1302 (floodplain), and 7.1305 (shoreland-wetland)].

This petition (original only) and any support documents must be filed with the Ozaukee County Land & Water Management Department one month in advance of the applicable Natural Resources Committee meeting date. Required support documents include:

- (1) A survey clearly showing the boundaries (wetland / floodplain) of any area to be rezoned, and
- (2) A written statement that addresses the criteria in ordinance Sections 7.1300-7.1305 as they relate to the proposed rezoning, if applicable (see descriptions on back page). Application materials shall be limited to 8.50 x 11.50, 8.50 x 14.00, or 11.00 x 17.00 sheets. Petitions will be considered at the next available committee meeting.

(continue on page 2)

121 W. Main Street, P. O. Box 984, Port Washington, WI 53074

Phone: (262) 284-8313 Fax: (262) 284-8367

Packet Pg. 102

Attachment: Sommersberger Rezoning (ORD-24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)

NOTICE TO PETITIONERS (continued)

Notice of a public hearing on the petition will be published as a Class II notice under CH. 985, Wisconsin Statutes. The applicant will be notified of the date, time, and location of the hearing. It is advisable for the applicant or an agent for the applicant to attend the hearing.

A rezoning application fee of \$330.00, payable to Ozaukee County, is due at the time the petition is filed.

Comprehensive Rezoning

Section 7.1300 - Applies to all areas within the shoreland zoning jurisdictional area except floodplain and wetland areas. Rezoning of floodplain or wetland areas are regulated under Sections 7.1302 & 7.1305 (see below).

Floodplain Rezoning

Section 7.1302 - Floodplain management regulations may only be removed by rezoning the area to remove it from the floodplain provided the property:

- (a) is filled to an elevation 2 feet above the regional flood elevation and is contiguous to lands outside the floodplain, or
- (b) was above the regional flood elevation at the time of the effective date of the floodplain zoning map (mapped floodplain error).

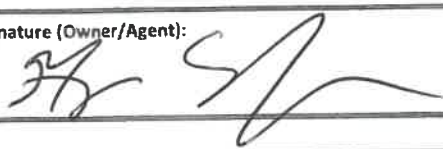
Shoreland-Wetland Rezoning

Section 7.1305 - A wetland, or portion thereof, in the shoreland-wetland district shall not be rezoned if the proposed rezoning may result in a significant adverse impact upon any of the following:

1. Storm and flood water storage capacity;
2. Preservation of dry season stream flow, the discharge of groundwater to a wetland, the recharge of groundwater from a wetland to another area, or the flow of groundwater through a wetland;
3. Filtering or storage of sediments, nutrients, heavy metals, or organic compounds that would otherwise drain into navigable waters;
4. Shoreline protection against soil erosion;
5. Fish spawning, breeding, nursery or feeding grounds;
6. Wildlife habitat;
7. Areas of special recreational, scenic, or scientific interest, including scarce wetland types.

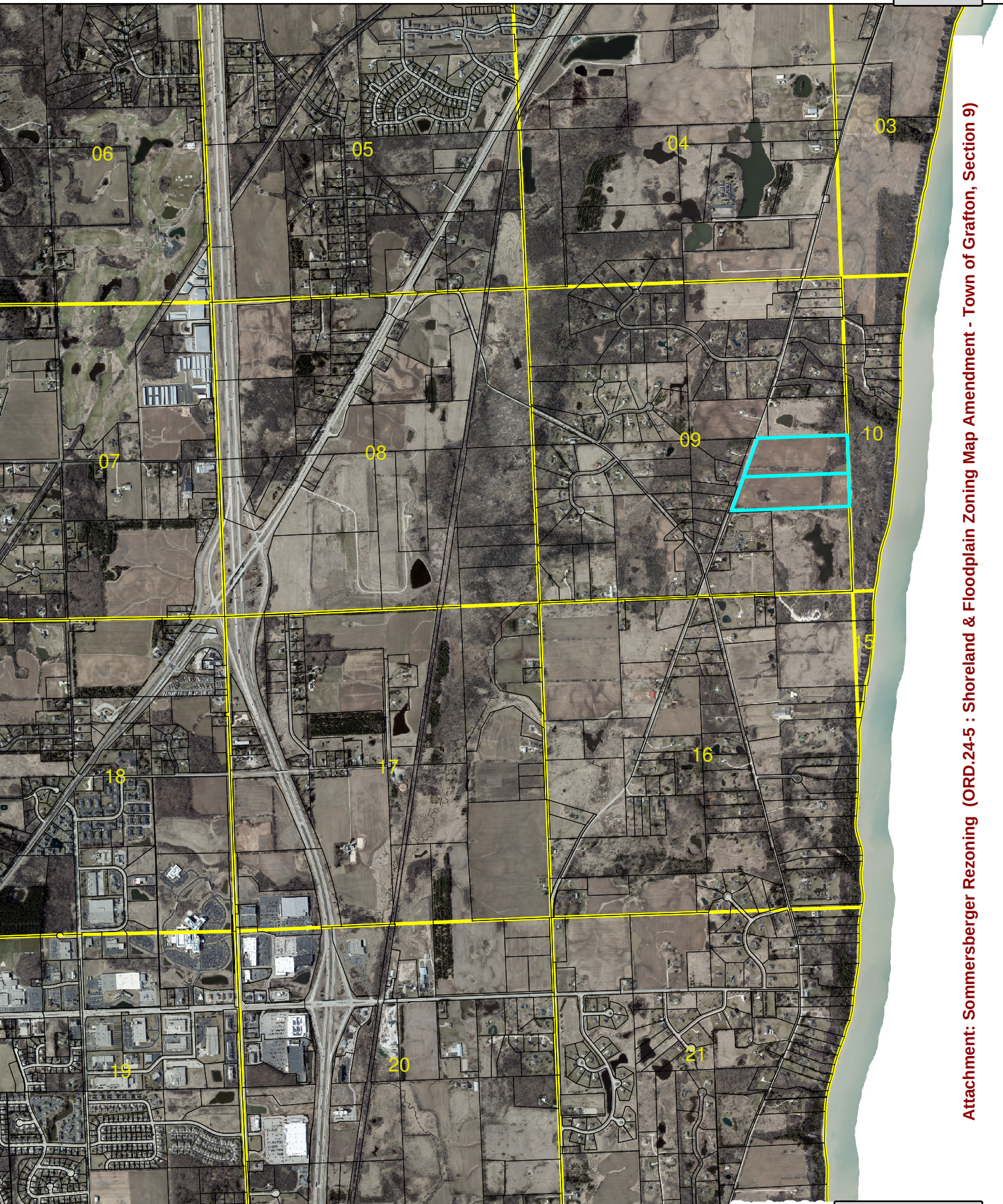
Section 7.1305(C) - If the Wisconsin Department of Natural Resources notifies the natural resources committee or county board that a proposed text or map amendment to the shoreland-wetland provisions of this ordinance may have a significant adverse impact upon any of the criteria listed above, that amendment, if approved by the county board, shall contain the following provision:

"This amendment shall not take effect until more than 30 days have elapsed after written notice of the county board approval of this amendment is mailed to the DNR. During that 30-day period the department may notify the county board that it will adopt a superseding shoreland ordinance for the county under Section 59.692 (6), Wis. Stats. If the department does so notify the county board, the effect of this amendment shall be stayed until the Section 59.692 (6) adoption procedure is completed or otherwise terminated."

Signature (Owner/Agent): 		Date: 7-1-24	Petition Fee: 330.00
(For Department use only)		Petition Date: 7/2/2024	
Date of NR Committee Approval:		Check / Receipt Number: 7610 / 17610	
Date of County Board Approval:		Comments:	

PROPERTY LOCATION MAP

9.a



Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)

0 500 1,000 2,000 Feet
2022 AERIAL



Map produced by the Oza
Water Management Dept.
The information on the aer
It is based on the best available information at
the time of its printing.

Packet Pg. 104

Legend

9.a

06-009-03-002.00
18.000 ACS

06-009-04-003.00
20.000 ACS

06-009-14-013.00
CSM #3877 LOT 3 DOC #0997365
6.525 Acs

06-009-13-003.00

CSM #4264 Lot 1 Doc #1160067

06-009-14-011.00
SM #3877 LOT 1 DOC #0997365
3.157 Acs

06-009-13-002.00
CSM #4264 Lot 2 Doc #1160067

06-009-15-012.00
CSM #1752 LOTS 1-4 DOC #0372636
12.850 ACS

06-009-13-001.00
44.190 ACS

06-009-15-011.00
CSM #2914 LOT 1 DOC #0563243
15.000 ACS

Legend

 OZ_Hydroline_ALL	 <all other values>	 FLOODWAY
 Wetlands_WithinShoreland	LN_TYP	 LIMIT OF DETAILED STUDY
 Wetlands_OtherRegulated	0.2 PCT ANNUAL CHANCE FLOOD HAZARD	 LIMIT OF FLOODWAY
 Wetlands_OpenWater	1 PCT ANNUAL CHANCE FLOOD HAZARD	 LIMIT OF STUDY
s fld haz in	 END OF SPATIAL EXTENT	 ZONE BREAK

0 80 160 320 Feet

2022 AERIAL

Map produced by the Oza
Water Management Dept.
The information on the aer
It is based on the best available information at
the time of its printing.

Packet Pg. 105

Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)



Assured Wetland Delineation Report

50-Acre Parcel

Town of Grafton, Ozaukee County, Wisconsin

May 20, 2024

Project Number: 20241269

50-Acre Parcel

Town of Grafton, Ozaukee County, Wisconsin

May 20, 2024

Prepared for:

Mr. Gregory T. Sommersberger

893 Tallgrass Drive

Grafton, WI 53024

Prepared by:

Heartland Ecological Group, Inc.

506 Springdale Street

Mount Horeb, WI 53572

608-490-2450

www.heartlandecological.com



Prepared by: Matthew Stangel, Senior
Scientist



Reviewed by: Eric C. Parker, SPWS
Principal Scientist

Table of Contents

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Appendix B | APT Analysis

Appendix C | Wetland Determination Data Sheets

Appendix D | Site Photographs

Appendix E | Delineator Qualifications

Appendix F | NAIP Imagery / Off-Site Analysis



Gregory T. Sommersberger
50-Acre Parcel
Project #: 20241269
May 20, 2024

1.0 Introduction

Heartland Ecological Group, Inc. (“Heartland”) completed an assured wetland determination and delineation on the 50-Acre Parcel site on May 10th and 15th, 2024 at the request of the landowner, Gregory T. Sommersberger. Fieldwork was completed by Matt Stangel, an assured delineator qualified via the Wisconsin Department of Natural Resources’ (WDNR’s) Wetland Delineation Assurance Program (Appendix E, Qualifications). The 49.57-acre site (the “Study Area”) is northeast of the intersection of Lake Shore Road and Ulao Parkway, in the southeast ¼ of Section 9, T10N, R22E, Town of Grafton, Ozaukee County, WI (Figure 1, Appendix A). The purpose of the wetland delineation was to determine the location and extent of wetlands within the Study Area.

Four (4) wetland areas totaling approximately 2.71 acres were delineated and mapped within the Study Area (Figure 7, Appendix A). Two (2) waterways were also identified and mapped within the Study Area. No water bodies were identified within the Study Area. Wetlands, waterways, and water bodies discussed in this report may be subject to federal regulation under the jurisdiction of the U.S. Army Corps of Engineers (USACE), state regulation under the jurisdiction of the WDNR, and local zoning authorities. Heartland recommends this report be submitted to local authorities, the WDNR, and USACE for final jurisdictional review and concurrence.



Gregory T. Sommersberger
50-Acre Parcel
Project #: 20241269
May 20, 2024

2.0 Methods

2.1 Wetlands

Wetlands were determined and delineated using the criteria and methods described in the USACE Wetland Delineation Manual, T.R. Y-87-1 (“1987 Corps Manual”) and the applicable *Regional Supplement to the Corps of Engineers Wetland Delineation Manual*. In addition, the *Guidance for Submittal of Delineation Reports to the St. Paul District USACE and the WDNR* (WDNR, 2015) was followed in completing the wetland delineation and report.

Determinations and delineations utilized available resources including the U.S. Geological Survey’s (USGS) *WI 7.5 Minute Series (Topographic) Map* (Figure 2, Appendix A), the U.S. Department of Agriculture (USDA) Natural Resource Conservation Service’s (NRCS) Soil Survey Geographic Database (SSURGO) *Web Soil Survey* (Figure 3, Appendix A), the WDNR’s *Wetland Indicator* data layer (Figure 4, Appendix A), the WDNR’s *Wisconsin Wetland Inventory* data layer (Figure 5, Appendix A), the WDNR’s *24k Hydro Flowlines (Rivers and Streams)* data layer (Figure 2 and 5, Appendix A), the WDNR’s *Color-Stretch LiDAR and Hillshade Image Service Layer* (Figure 6, Appendix A), and aerial imagery available through the USDA Farm Service Agency’s (FSA) National Agriculture Imagery Program (NAIP) and Ozaukee County’s Land Information Office.

Wetland determinations were completed on-site at sample points, often along transects, using the three (3) criteria (vegetation, soil, and hydrology) approach per the 1987 Corps Manual and the Regional Supplement. Procedures in these sources were followed to demonstrate that, under normal circumstances, wetlands were present or not present based on a predominance of hydrophytic vegetation, hydric soils, and wetland hydrology.

Atypical conditions were encountered within the Study Area due to the presence of agricultural fields including row-cropping and hay fields in areas with soils that may be hydric based on the *Web Soil Survey* and the WDNR *Surface Water Data Viewer’s* wetland indicator data layer. Therefore, procedures for managed plant communities in the *Problematic hydrophytic vegetation* section described in Chapter 5 of the Regional Supplement were used. NAIP imagery were reviewed for evidence of crop stress, saturation, or inundation signatures. Sample point placements for the wetland delineation were partially determined based on such signatures.



Gregory T. Sommersberger
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In actively farmed areas within the Study Area where hydric soils may be present, methods described in Chapter 5 (Difficult Wetland Situations) of the Regional Supplement were followed. Available aerial imagery was analyzed using procedures described in the *Guidance for Offsite Hydrology/Wetland Determinations* (USACE and Minnesota Board of Water and Soil Resources, July 2016 – “July 2016 Guidance”). An off-site aerial imagery analysis (Off-Site Analysis) was completed to document the presence or absence of wetland signatures and assist in the wetland determination. A wetland signature is evidence, recorded by aerial imagery, of ponding, flooding, or impacts of saturation for sufficient duration to meet wetland hydrology and possibly wetland vegetation criteria. Wetland signatures often vary based on the type and seasonal date of the aerial imagery. For example, there are seven (7) standardized signature types in actively farmed settings described in the July 2016 Guidance. To assist in interpretations of wetland signatures, a WETS analysis was used to compare antecedent precipitation in the three (3) months leading up to each aerial image to the long-term (30-year) precipitation averages and standard deviation to determine if antecedent precipitation conditions for each image was normal, wet, or dry. Areas within agricultural fields are typically determined to be wetland if hydric soils and wetland hydrology indicators are present and aerial images taken in the five (5) (or more) most recent normal antecedent precipitation images show at least one (1) of the wetland signatures per the July 2016 Guidance. Although the off-site analysis concentrates on imagery taken under normal antecedent precipitation conditions, the images determined to be taken under wet and dry antecedent precipitation conditions were also analyzed and considered. Determinations and delineation of wetlands in agricultural areas are typically based on an outline of the largest wetland signature on an image taken under “normal” antecedent conditions and based on the consistency of the signatures (USDA, NRCS 1998).

Recent weather conditions influence the visibility or presence of certain wetland hydrology indicators. An assessment of recent precipitation patterns helps to determine if climatic/hydrologic conditions were typical when the field investigation was completed. Therefore, a review of antecedent precipitation in the 90 days leading up to the field investigation was completed. Using an Antecedent Precipitation Tool (APT) analysis developed by the USACE (Deters & Gutenson 2021), the amount of precipitation over these 90 days was compared to averages and standard deviation thresholds observed over the past 30 years to generally represent if conditions encountered during the investigation were



Gregory T. Sommersberger
50-Acre Parcel
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normal, wet, or dry. Recent precipitation events in the weeks prior to the investigation were also considered while interpreting wetland hydrology indicators. Additionally, the Palmer Drought Severity Index was checked for long-term drought or moist conditions (NOAA, 2018).

The uppermost wetland boundary and sample points were identified and marked with wetland flagging and located with a Global Navigation Satellite System (GNSS) receiver capable of sub-meter accuracy. In some cases, wetland flagging was not utilized to mark the boundary and the location was only recorded with a GNSS receiver, particularly in active agricultural areas. The GNSS data was then used to map the wetlands using ESRI ArcGIS Pro™ software.

3.0 Results and Discussion

3.1 Desktop Review

Climatic Conditions

According to the APT analysis using the previous 90 days of precipitation data, conditions encountered at the time of the fieldwork were expected to be wetter than normal for the time of year (Appendix B). The Palmer Drought Severity Index was checked as part of the APT analysis, and the long-term conditions at the time of the fieldwork were in the mild wetness range. Fieldwork was completed outside the dry-season based on long-term regional hydrology data utilized in the WebWIMP Climatic Water Balance and computed as part of the APT analysis.

General Topography and Land Use

The topography within the Study Area was rolling, with a steep ravine present on the east side and northeast corner. A topographic high of approximately 713 feet above mean sea level (msl) is present on the west side near Lake Shore Road, and a topographic low of approximately 641 feet above msl is present near the northeast corner (Figures 2, 6, and 7 Appendix A). Land uses within the Study Area and surrounding areas are primarily agricultural row cropping with residential, pasture, and woodland areas also present. General drainage is to WW-1, which lies mainly on the east side of the Study Area and flows off-site to the north, and eventually empties to Lake Michigan.



Gregory T. Sommersberger
50-Acre Parcel
Project #: 20241269
May 20, 2024

Soil Mapping

Soils mapped by the NRCS Soil Survey within the Study Area and their hydric status are summarized in Table 1. Wetlands identified during the field investigation are located primarily within areas mapped as hydric or partially hydric soils including wetland indicator soils (Figures 3 and 4, Appendix A).

Table 1. Summary of NRCS Mapped Soils within the Study Area

Soil symbol: Soil Unit Name	Soil Unit Component	Soil Unit Component Percentage	Landform	Hydric status
AzA: Aztalan loam, 0-2% slopes	Aztalan	85-95	Glacial lakes (relict)	No
	Navan	3-9	Depressions, ground moraines	Yes
	Colwood	2-6	Lakebeds (relict)	Yes
KnB2: Kewaunee silt loam, 2-6% slopes, eroded	Kewaunee-Eroded	85-91	Ground moraines	No
	Manawa	8-12	Drainageways	No
	Poygan-Occasionally ponded	1-3	Depressions	Yes
KoB2: Kewaunee silty clay loam, 2-6% slopes, eroded	Kewaunee-Eroded	85-95	Moraines	No
	Kewaunee	2-7	Moraines	No
	Manawa	3-8	Drainageways	No
KoC2: Kewaunee silty clay loam, 6-12% slopes, eroded	Kewaunee-Eroded	85-95	Moraines	No
	Kewaunee	5-5	Moraines	No
	Sisson	0-5	Moraines	No
	Omro	0-5	Moraines	No
KrC3: Kewaunee silty clay, 6-12% slopes, severely eroded	Kewaunee-Severely eroded	92-97	Moraines	No
	Kewaunee-Eroded	3-8	Moraines	No

ASSURED WETLAND DELINEATION REPORT



Gregory T. Sommersberger
50-Acre Parcel
Project #: 20241269
May 20, 2024

Soil symbol: Soil Unit Name	Soil Unit Component	Soil Unit Component Percentage	Landform	Hydric status
KrD3: Kewaunee silty clay, 12-20% slopes, severely eroded	Kewaunee-Severely eroded	93-98	Moraines	No
	Kewaunee-Eroded	2-7	Moraines	No
MaA: Manawa silt loam, 0-3% slopes	Manawa	80-91	Drainageways on ground moraines	No
	Kewaunee	6-11	Ground moraines	No
	Poygan-Occasionally ponded	3-9	Depressions	Yes
Na: Navan silt loam	Navan	100	Drainageways, depressions	Yes
Ry: Rough broken land	Rough broken land	100	Bluffs	No

Wetland Mapping

The Wisconsin Wetlands Inventory (WWI) mapping (Figure 5, Appendix A) depicts one (1) wetland area within the Study Area: One (1) emergent/wet meadow (E2K) located along the southern Study Area boundary. One (1) WWI Point Symbol is also depicted in the southwest corner of the Study Area.

Waterway Mapping

The WDNR's Rivers and Streams data layer (Figure 5, Appendix A) depicts one (1) unnamed intermittent waterway on the east side within the Study Area.

Previous Delineations and Landowner Contacts

Heartland is not aware of any previous wetland delineations completed within the Study Area.

Aerial Photography

Available aerial imagery of the Study Area from the period of 1993-2022 (Appendix F) was reviewed for evidence of wetland signatures and to gain insight into the site's recent



Gregory T. Sommersberger
50-Acre Parcel
Project #: 20241269
May 20, 2024

history. The site has remained unchanged throughout the review period with areas of active agricultural fields and woodlands present.

Off-Site Analysis

Agricultural fields within the Study Area have significant mapped hydric or potentially hydric soils and were the focus of the Off-Site Analysis (OSA) (Appendix F). From the aerial imagery, the secondary wetland hydrology indicators of "Saturation Visible on Aerial Imagery" (C9) and "Stunted or Stressed Plants" (D1) were noted in two (2) depressional areas. No primary wetland hydrology indicators were noted based on the OSA.

A total of 20 aerial images were selected and reviewed based on availability and quality of the imagery. Of these images, 13 were taken under normal antecedent precipitation conditions. Signatures were noted in four (4) areas within the Study Area within landscape positions described by the NRCS to support hydric soil components and were the focus of the OSA. At least one (1) of the seven (7) described wetland signatures per the July 2016 Guidance were consistently noted in one (1) of these areas on imagery taken under normal antecedent precipitation conditions. In imagery taken under wet antecedent precipitation conditions, such wetland signatures were noted in four (4) of the six (6) images. In imagery taken under dry antecedent precipitation conditions, wetland signatures were not noted within the single image.

Based on the off-site analysis, one (1) area was likely to be wetland prior to the fieldwork. This area appeared to be within an isolated depression. There were no drain tile signatures noted in the off-site analysis.

3.2 Field Review

Four (4) wetlands were identified and delineated within the Study Area. Wetland determination data sheets (Appendix C) were completed at 16 sample points that were representative of the wetland and upland conditions near the boundary and where potential wetlands may be present based on the desktop review and field reconnaissance. Appendix D provides photographs, typically at the sample point locations of the wetlands and adjacent uplands. The wetland boundary and sample point locations are shown on Figure 7 (Appendix A) and the wetlands are summarized in Table 2 and detailed in the following sections.

ASSURED WETLAND DELINEATION REPORT



Gregory T. Sommersberger
50-Acre Parcel
Project #: 20241269
May 20, 2024

Table 2. Summary of Wetlands Identified within the Study Area

Wetland ID	Wetland Description	*Surface Water Connections	*NR151 Protective Area	Acreage (on-site)
W-1	Shrub Carr	Potentially isolated	Less susceptible, 10-30 feet	0.30
W-2	Shrub Carr/Hardwood Swamp	Contiguous with WW-1	Moderately susceptible, 50 feet	0.60
W-3	Shrub Carr/Wet Meadow	Contiguous with WW-2	Moderately susceptible, 50 feet	1.75
W-4	Farmed Wet Meadow	Potentially isolated	Less susceptible, 10-30 feet	0.06
*Classification based on Heartland's professional opinion. Jurisdictional authority of wetland and waterway protective areas under NR 151 lies with the WDNR. Local zoning authorities may have additional restrictions. USACE has authority for determining federal jurisdiction of wetlands and waterways.				2.71

Wetland 1 (W-1)

Wetland 1 (W-1) is a 0.30-acre potentially isolated shrub carr located in the southwestern corner of the Study Area.

Dominant vegetation observed in W-1 included sandbar willow (*Salix interior*, FACW), reed canary grass (*Phalaris arundinacea*, FACW), hybrid cattail (*Typha X glauca*, OBL), and giant goldenrod (*Solidago gigantea*, FACW). Therefore, the wetland vegetation parameter was met.

The Depleted Matrix (F3) hydric soil indicators were noted in W-1, which is consistent with depressions within the mapped Manawa silt loam soil type. Thus, the hydric soil parameter was met.

The primary wetland hydrology indicators of Surface Water (A1), High Water Table (A2), and Saturation (A3) were noted within W-1, while secondary indicators included Geomorphic Position (D2) and a positive FAC-Neutral Test (D5). Therefore, the wetland hydrology parameter was met.

Wetland W-1 is potentially isolated on the landscape. The boundary of W-1 generally followed a moderately-defined topographic break.



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Wetland 2 (W-2)

Wetland 2 (W-2) is a 0.60-acre shrub carr/hardwood swamp wetland which is contiguous with a waterway (WW-1) in the southeast portion of the Study Area.

Dominant vegetation observed in W-2 included sandbar willow, Bell's honeysuckle (*Lonicera X bella*, FACU), orange jewelweed (*Impatiens capensis*, FACW), and white avens (*Geum canadense*, FAC). Therefore, the wetland vegetation parameter was met. Dead green ash (*Fraxinus pennsylvanica*, FACW) was also noted within W-2.

The Depleted Below Dark Surface (A11), Depleted Matrix (F3), and Redox Dark Surface (F6) hydric soil indicators were noted in W-2, which is consistent within the predominantly mapped Navan silt loam. Thus, the hydric soil parameter was met.

The primary wetland hydrology indicator of Drift Deposits (B3) was noted within W-2, while secondary indicators included Drainage Patterns (B10), Geomorphic Position (D2), and a positive FAC-Neutral Test (D5). Therefore, the wetland hydrology parameter was met.

Wetland W-2 is located along a drainageway that includes WW-1. The boundary of W-2 generally followed a moderate-to-well-defined topographic break.

Wetland 3 (W-3)

Wetland 3 (W-3) is a 1.75-acre shrub carr/wet meadow wetland which is contiguous with a waterway (WW-2) in the central portion of the Study Area, extending west to east.

Dominant vegetation observed in W-3 included black walnut (*Juglans nigra*, FACU), crack willow (*Salix X fragilis*, FAC), Bell's honeysuckle, sandbar willow, cow parsnip (*Heracleum maximum*, FACW), orange jewelweed, reed canary grass, fowl manna grass (*Glyceria striata*, OBL), and riverbank grape (*Vitis riparia*, FAC). Therefore, the wetland vegetation parameter was met. Dead green ash (*Fraxinus pennsylvanica*, FACW) was also noted within W-3.

The Depleted Below Dark Surface (A11) and Redox Dark Surface (F6) hydric soil indicators were noted in W-3, which is consistent within depressions of the mapped Manawa silt loam. Thus, the hydric soil parameter was met.

The primary wetland hydrology indicators of High Water Table (A2), Saturation (A3), and Drift Deposits (B3) were noted within W-3, while secondary indicators included Drainage



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Patterns (B10), Geomorphic Position (D2), and a positive FAC-Neutral Test (D5). Therefore, the wetland hydrology parameter was met.

Wetland W-3 is located along a drainageway that includes WW-2. The boundary of W-3 generally followed a moderately-defined topographic break.

Wetland 4 (W-4)

Wetland W-4 is a 0.06 acre farmed wet meadow wetland that is positioned within a depression on the southern Study Area boundary. W-4 was typically plowed and planted regularly and has a partial success rate of row-cropping over the 20 years that were reviewed in the OSA.

Dominant vegetation observed in W-4 included reed canary grass. Weeds were sparse within W-4 due to agricultural activities and surface water. No crops had been planted at the time of sampling.

The Redox Dark Surface (F6) hydric soil indicator was noted in W-4 and is consistent with depressions of the mapped Kewaunee silt loam loam soil type.

The primary wetland hydrology indicators of Surface Water (A1), High Water Table (A2), and Saturation (A3) were noted in W-4, while the secondary indicators of Saturation Visible on Aerial Imagery (C9), Stunted or Stressed Plants (D1), Geomorphic Position (D2), and a positive FAC-Neutral Test (D5) were also noted.

The boundaries of W-4 were determined primarily from the OSA and located in the field. The boundary correlated mostly with a poorly-defined topographic break that correlated with the wetland signatures observed on the desktop review.

Waterways

Two (2) waterways were observed within the Study Area. The waterways converge near the east-central portion of the Study Area and continue to flow off-site to the north down a steep ravine. Based on topographic mapping, this ravine eventually turns east and the waterway empties into Lake Michigan. The approximate centerline of the waterways was recorded in the field and is mapped on Figure 7, Appendix A.



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3.3 Other Considerations

This report is limited to the identification and delineation of wetlands within the Study Area. Other regulated environmental resources that result in land use restrictions may be present within the Study Area that were not evaluated by Heartland (e.g. navigable waterways, floodplains, cultural resources, and threatened or endangered species).

Wisconsin Act 183 provides exemptions to permitting requirements for certain nonfederal wetlands. Nonfederal wetlands are wetlands that are not subject to federal jurisdiction. Exemptions apply to projects in urban areas with wetland impacts up to 1-acre per parcel. An urban area is defined as an incorporated area; an area within ½ mile of an incorporated area; or an area served by a sewerage system. Exemptions for nonfederal wetlands also apply to projects in rural areas with wetland impacts up to three (3) acres per parcel. Exemptions in rural areas only apply to structures with an agricultural purpose such as buildings, roads, and driveways. The determination of federal and nonfederal wetlands MUST be made by the USACE through an Approved Jurisdictional Determination (AJD). This report may be submitted to the USACE to assist with their determination.

Wis. Adm. Code NR 151 ("NR 151") requires that a "protective area" (buffer) be determined from the Ordinary High-Water Mark (OHWM) of lakes, streams and rivers, or at the delineated boundary of wetlands. Per NR 151.12, the protective area width for "less susceptible" wetlands is determined by using 10% of the average wetland width, no less than 10 feet or more than 30 feet. "Moderately susceptible" wetlands, lakes, and perennial and intermittent streams identified on recent mapping require a protective area width of 50 feet; while "highly susceptible wetlands" are associated with outstanding or exceptional resource waters in areas of special natural resource interest and require protective area width of 75 feet. Table 2 above lists the potential wetland buffers per NR 151 for each wetland identified based on Heartland's professional opinion. Please note that jurisdictional authority on wetland and waterway protective areas under NR 151 lies with the WDNR. Local zoning authorities and regional planning organizations may have additional land use restrictions within or adjacent to wetlands.



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4.0 Conclusion

Heartland completed an assured wetland determination and delineation within the 50-Acre Parcel on May 10th and 15th, 2024 at the request of the landowner, Gregory T.

Sommersberger. Fieldwork was completed by Matt Stangel, an assured delineator qualified via the WDNR's Wetland Delineation Assurance Program (Appendix E). The Study Area lies in Section 9, T10N, R22E, Town of Grafton, Ozaukee County, WI (Figure 1, Appendix A).

Four (4) wetland areas were delineated and mapped within the 49.57-acre Study Area (Figure 7, Appendix A). The wetlands, which may be classified as farmed wet meadow, wet meadow, shrub carr, and hardwood swamp, total approximately 2.71 acres within the Study Area. Two (2) unnamed tributaries to Lake Michigan were observed within the Study Area.

Wetlands, waterways, and water bodies discussed in this report may be subject to federal regulation under the jurisdiction of the USACE, state regulation under the jurisdiction of the WDNR, and the local zoning authority. Heartland recommends this report be submitted to the USACE for final jurisdictional review and concurrence. Review by local authorities may be necessary for determination of any applicable zoning and setback restrictions.

Heartland recommends that all applicable regulatory agency reviews and permits are obtained prior to beginning work within the Study Area or within or adjacent to wetlands or waterways. Heartland can assist with evaluating the need for additional environmental reviews, surveys, or regulatory agency coordination in consideration of the proposed activity and land use as requested but is outside of the scope of the wetland delineation.

Experienced and qualified professionals completed the wetland determination and delineation using standard practices and professional judgment. Wetland boundaries may be affected by conditions present within the Study Area at the time of the fieldwork. All final decisions on wetlands and their boundaries are made by the USACE, the WDNR, and/or sometimes a local unit of government. Wetland determination and boundary reviews by regulatory agencies may result in modifications to the findings presented to the Client. These modifications may result from varying conditions between the time the wetland delineation was completed and the time of the review. Factors that may influence the findings may include but not limited to precipitation patterns, drainage modifications, changes or modification to vegetation, and the time of year.



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50-Acre Parcel
Project #: 20241269
May 20, 2024

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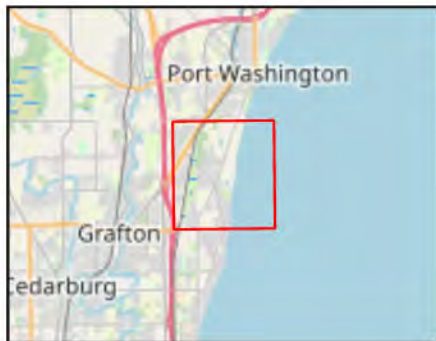
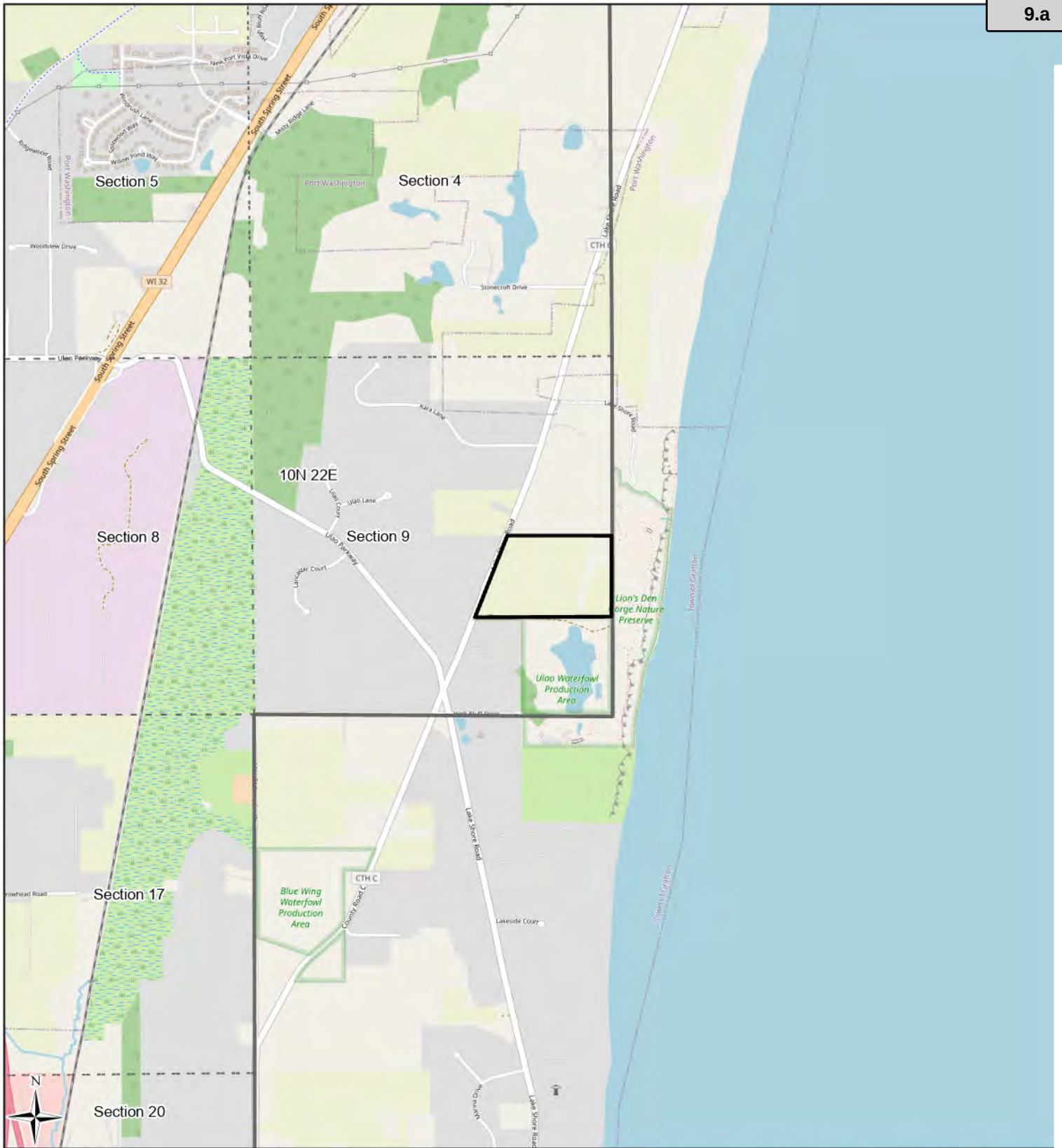
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May 20, 2024

Appendix A | Figures



- Study Area (49.57 ac)
- Township
- Section

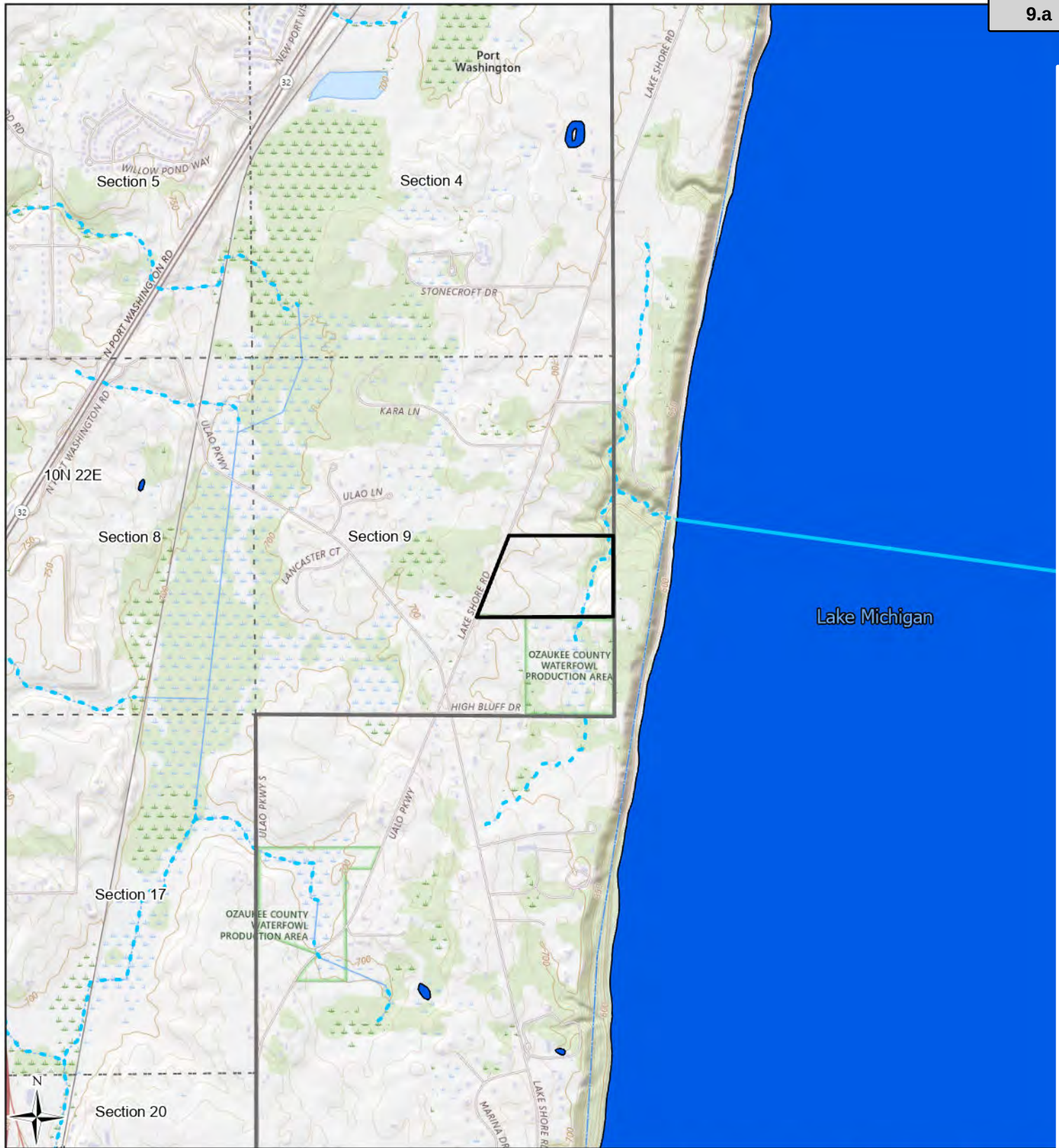
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Heartland
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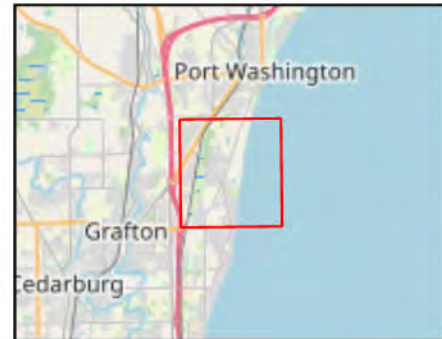
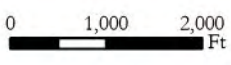
Figure 1. Project Location

50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

OpenStreetMap
ESRI



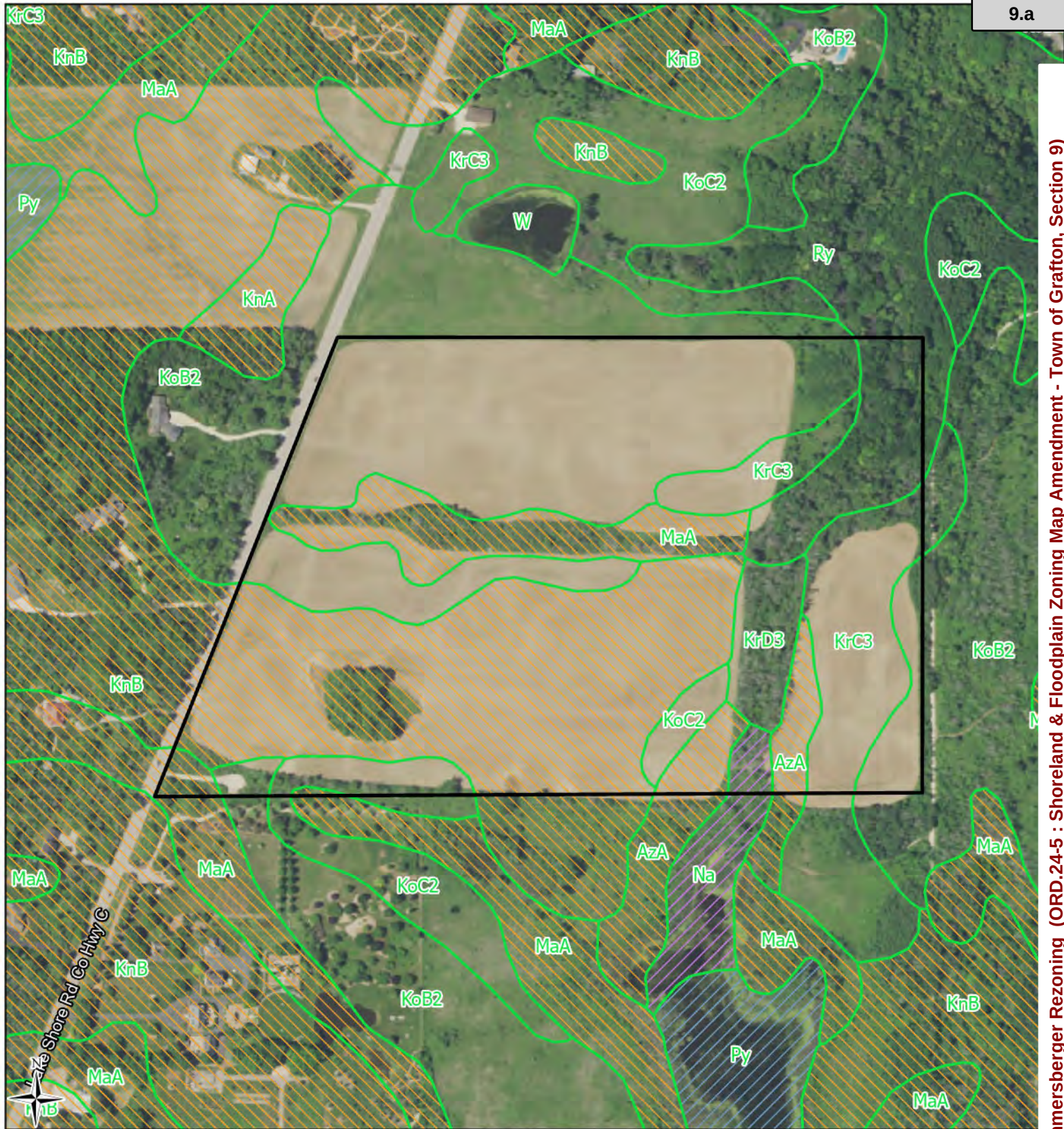
- Study Area (49.57 ac)
- Township
- Section
- Waterbodies
- Rivers and Streams**
- Perennial Streams
- Intermittent Streams



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Figure 2. USGS
Topography
50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozauxee Co

USGSTopo
USGS, WDNR



Study Area (49.57 ac)

NRCS Soil Survey Data

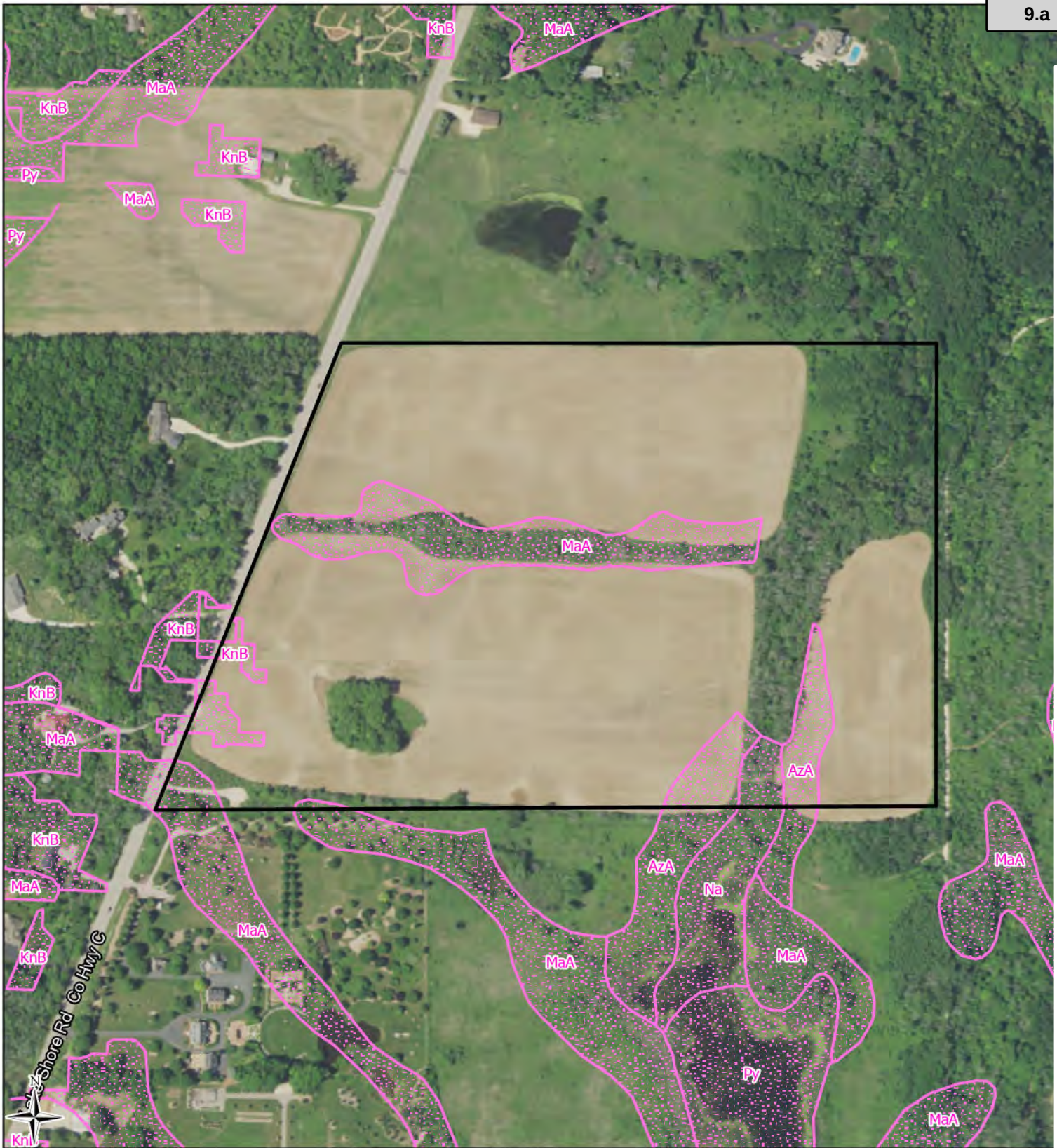
- Hydric (100%)
- Predominantly Hydric (85-99%)
- Partially Hydric (16-84%)
- Predominantly Non-Hydric (1-15%)
- Non-Hydric (0%)



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Figure 3. NRCS
Hydric Soils
50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

2022 NAIP
NRCS



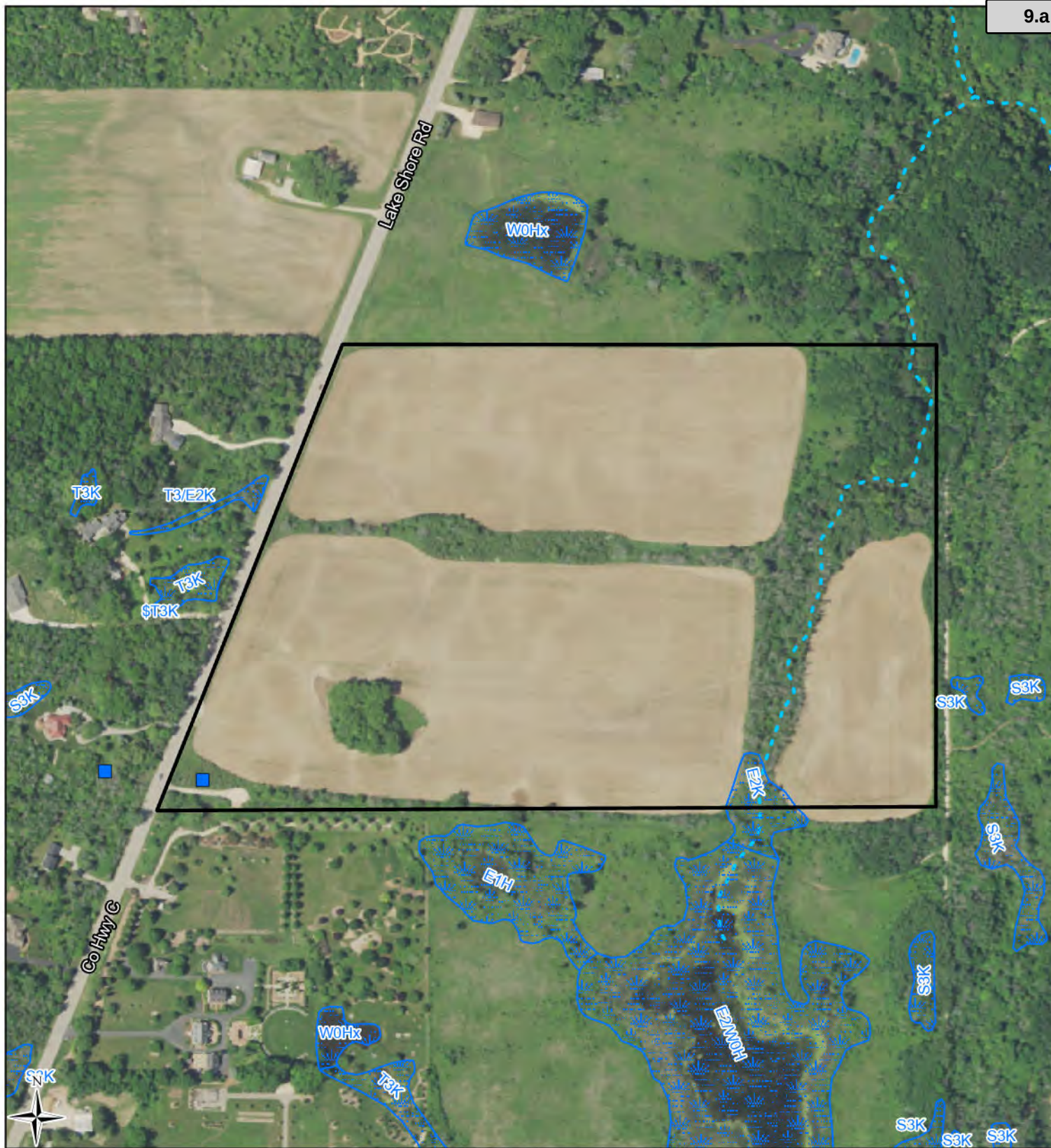
- Study Area (49.57 ac)
- SWDV Wetland Indicators

0 350 Ft

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Figure 4. SWDV
Wetland Indicators
50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

2022 NAIP
WDNR



- Study Area (49.57 ac)
- WWI Polygons
- WWI Points
- Waterbodies (None in Map Extent)

Rivers and Streams

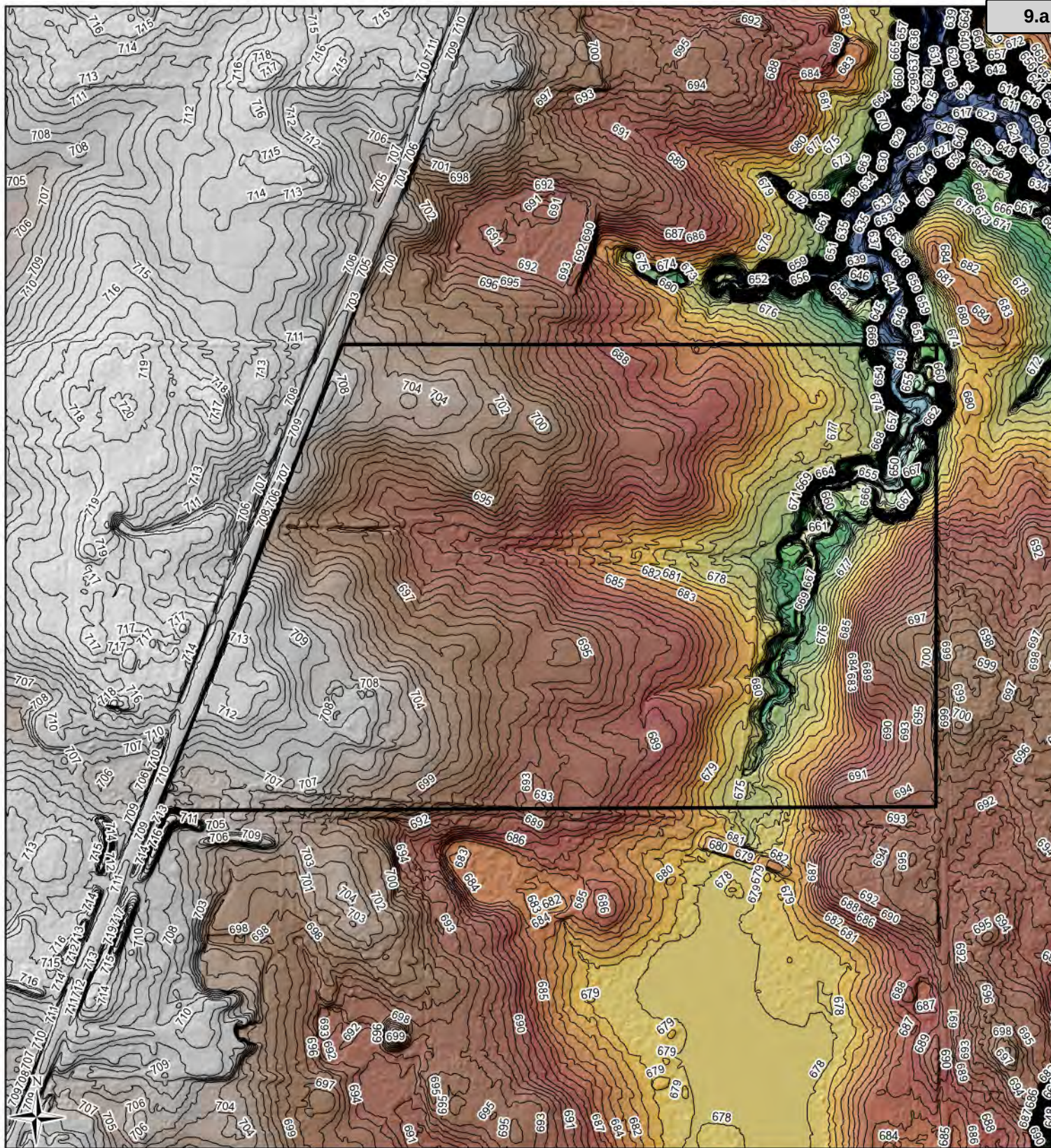
- Perennial Streams (None in Map Extent)
- Intermittent Streams

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Figure 5. Wisconsin Wetland Inventory
50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

2022 NAIP
WDNR, USFWS



- Study Area (49.57 ac)
- ~ Ozaukee Co 1' Contours

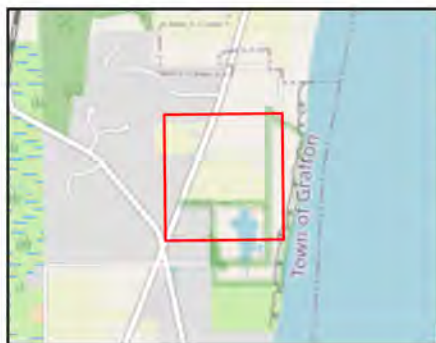
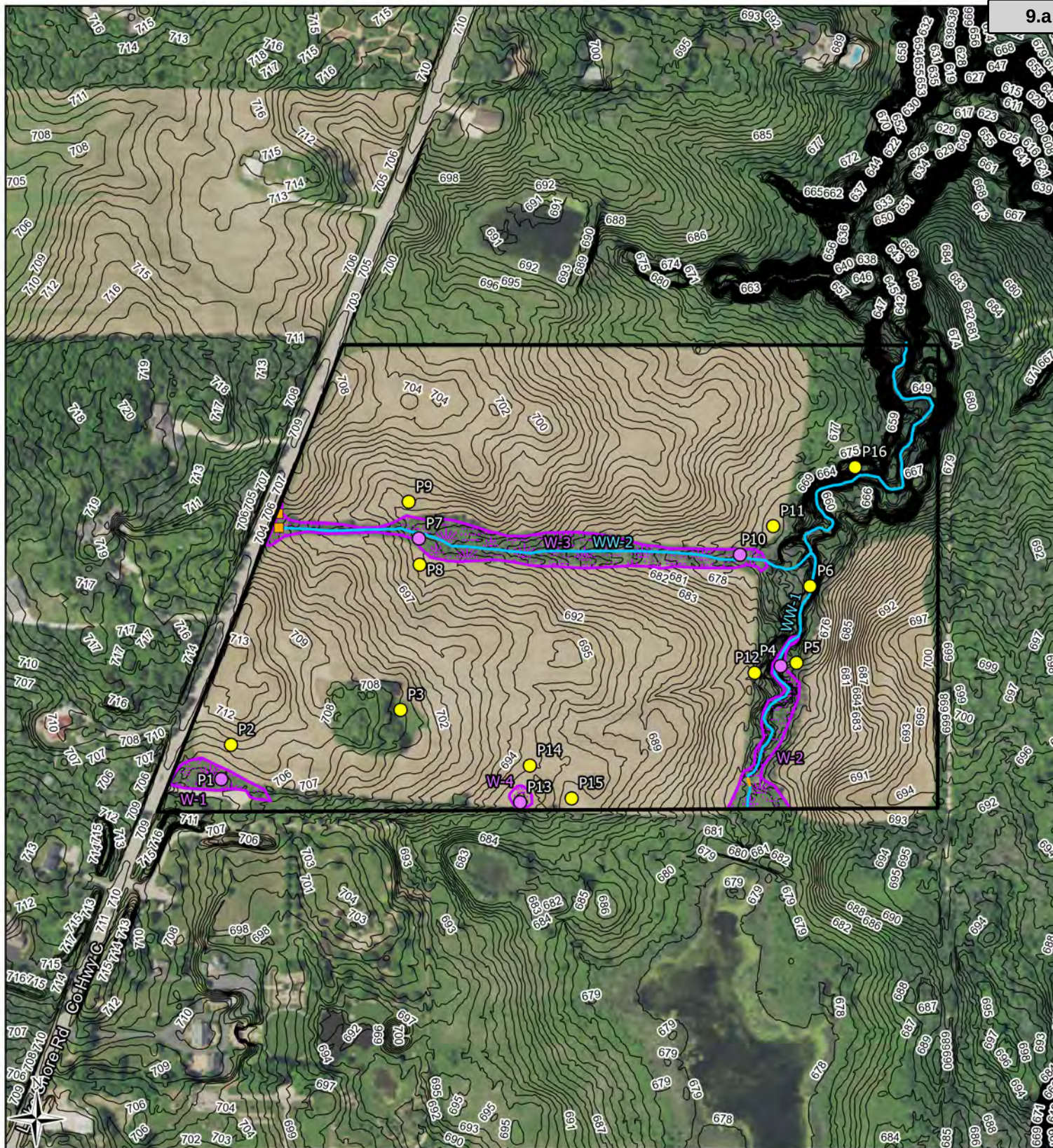
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**Figure 6. Color-Stretch
Digital Elevation Model**

50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

DNR Lidar Service
WDNR



- Study Area (49.57 ac)
- Field Delineated Wetland (2.71 ac)
- Culvert
- Ozaukee Co 1' Contours
- Waterway
- Culvert End
- Sample Point**
 - Upland
 - Wetland

0 350
Ft

Heartland
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Figure 7. Field Delineated Wetlands

50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

2022 NAIP
Ozaukee Co

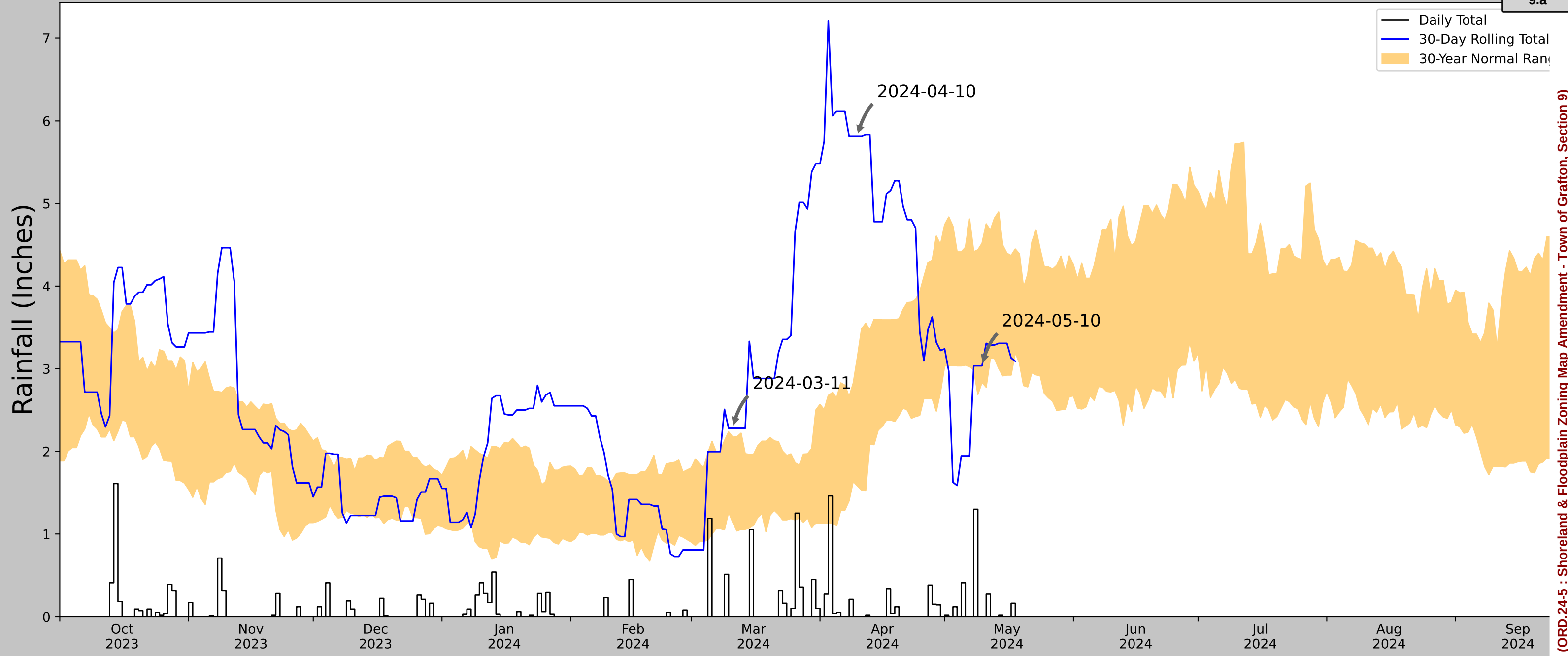
ASSURED WETLAND DELINEATION REPORT



Gregory T. Sommersberger
50-Acre Parcel
Project #: 20241269
May 20, 2024

Appendix B | APT Analysis

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	43.343379, -87.890107
Observation Date	2024-05-10
Elevation (ft)	697.346
Drought Index (PDSI)	Mild wetness (2024-04)
WebWIMP H ₂ O Balance	Wet Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2024-05-10	2.835433	4.517323	3.035433	Normal	2	3	6
2024-04-10	1.581102	3.137008	5.811024	Wet	3	2	6
2024-03-11	1.140945	2.171654	2.279528	Wet	3	1	3
Result							Wetter than Normal - 15



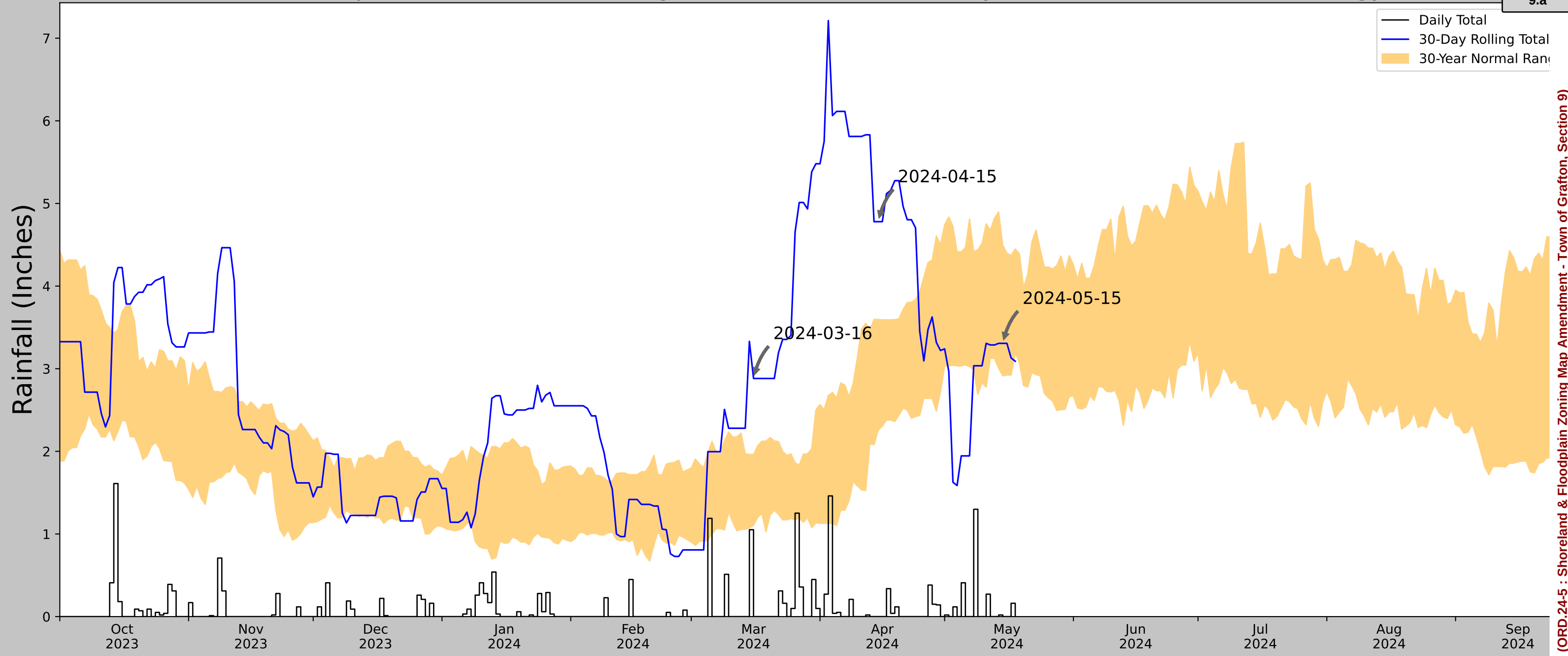
Figure and tables made by the
Antecedent Precipitation Tool
Version 1.0

Written by Jason Deters
U.S. Army Corps of Engineers

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecede
GERMANTOWN WASTEWATER UTILITY	43.2389, -88.1222	870.079	13.724	172.733	8.546	11306	8
GERMANTOWN 0.6 S	43.2268, -88.1214	855.971	0.837	14.108	0.388	5	
GERMANTOWN 1.3 NE	43.2313, -88.1023	887.139	1.131	17.06	0.528	2	
HUBERTUS 3.1 E	43.2368, -88.1589	890.092	1.853	20.013	0.871	2	
MENOMONEE FALLS 3.2 NNW	43.1882, -88.1555	881.89	3.884	11.811	1.794	2	
CEDARBURG 3.7 WSW	43.2788, -88.0566	878.937	4.301	8.858	1.974	2	
JACKSON 0.5 SSE	43.3144, -88.1617	895.997	5.582	25.918	2.657	3	
JACKSON	43.3197, -88.1681	892.06	6.041	21.981	2.851	4	
WEST BEND	43.3681, -88.0858	939.961	9.113	69.882	4.738	20	0
W BEND FIRE STN #2	43.4319, -88.1603	895.013	13.472	24.934	6.398	4	
MT MARY COLLEGE	43.0722, -88.0294	714.895	12.431	155.184	7.523	2	

Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)

Antecedent Precipitation vs Normal Range based on NOAA's Daily Global Historical Climatology Network



Coordinates	43.343564, -87.889695
Observation Date	2024-05-15
Elevation (ft)	694.966
Drought Index (PDSI)	Mild wetness (2024-04)
WebWIMP H ₂ O Balance	Wet Season

30 Days Ending	30 th %ile (in)	70 th %ile (in)	Observed (in)	Wetness Condition	Condition Value	Month Weight	Product
2024-05-15	2.914173	4.494095	3.307087	Normal	2	3	6
2024-04-15	2.256693	3.596063	4.779528	Wet	3	2	6
2024-03-16	1.106299	1.962598	2.88189	Wet	3	1	3
Result							Wetter than Normal - 15



Figure and tables made by the
Antecedent Precipitation Tool
Version 1.0

Written by Jason Deters
U.S. Army Corps of Engineers

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecede
GERMANTOWN WASTEWATER UTILITY	43.2389, -88.1222	870.079	13.749	175.113	8.594	11306	8
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GERMANTOWN 1.3 NE	43.2313, -88.1023	887.139	1.131	17.06	0.528	2	
HUBERTUS 3.1 E	43.2368, -88.1589	890.092	1.853	20.013	0.871	2	
MENOMONEE FALLS 3.2 NNW	43.1882, -88.1555	881.89	3.884	11.811	1.794	2	
CEDARBURG 3.7 WSW	43.2788, -88.0566	878.937	4.301	8.858	1.974	2	
JACKSON 0.5 SSE	43.3144, -88.1617	895.997	5.582	25.918	2.657	3	
JACKSON	43.3197, -88.1681	892.06	6.041	21.981	2.851	4	
WEST BEND	43.3681, -88.0858	939.961	9.113	69.882	4.738	20	0
W BEND FIRE STN #2	43.4319, -88.1603	895.013	13.472	24.934	6.398	4	
MT MARY COLLEGE	43.0722, -88.0294	714.895	12.431	155.184	7.523	2	

ASSURED WETLAND DELINEATION REPORT



Gregory T. Sommersberger
50-Acre Parcel
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Appendix C | Wetland Determination Data Sheets

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 50-Acre Parcel City/County: Ozaukee County Sampling Date: 2024-05-10
 Applicant/Owner: Gregory T. Sommersberger State: Wisconsin Sampling Point: P1
 Investigator(s): Matt Stangel Section, Township, Range: sec 09 T010N R022E
 Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): Concave Slope (%): 0-2
 Subregion (LRR or MLRA): LRR L, MLRA 95 Lat: 43.342988 Long: -87.892638 Datum: WGS84
 Soil Map Unit Name: Kewaunee silt loam, 2 to 6 percent slopes, eroded NWI classification: WWI Point Symbol

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 ☐
 Hydric Soil Present? Yes ☒ No ☐
 Wetland Hydrology Present? Yes ☒ No ☐

Is the Sampled Area within a Wetland? Yes ☒ No ☐
 If yes, optional Wetland Site ID: _____

Remarks: (Explain alternative procedures here or in a separate report.)

Sample point located in a shrub carr wetland. APT analysis indicates climatic conditions are wetter than normal for the time of year.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one is required; check all that apply)

☒ Surface Water (A1) ☐ Water-Stained Leaves (B9)
☒ High Water Table (A2) ☐ Aquatic Fauna (B13)
☒ Saturation (A3) ☐ Marl Deposits (B15)
☐ Water Marks (B1) ☐ Hydrogen Sulfide Odor (C1)
☐ Sediment Deposits (B2) ☐ Oxidized Rhizospheres on Living Roots (C3)
☐ Drift Deposits (B3) ☐ Presence of Reduced Iron (C4)
☐ Algal Mat or Crust (B4) ☐ Recent Iron Reduction in Tilled Soils (C6)
☐ Iron Deposits (B5) ☐ Thin Muck Surface (C7)
☐ Inundation Visible on Aerial Imagery (B7) ☐ Other (Explain in Remarks)
☐ Sparsely Vegetated Concave Surface (B8)

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): 3
 Water Table Present? Yes ☒ No ☐ Depth (inches): 0
 Saturation Present? Yes ☒ No ☐ Depth (inches): 0
 (includes capillary fringe)

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: P1

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>0</u> = Total Cover			

Sapling/Shrub Stratum (Plot size: <u>15</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Salix interior</u>	<u>60</u>	<u>Y</u>	<u>FACW</u>
2. <u>Cornus alba</u>	<u>10</u>	<u>N</u>	<u>FACW</u>
3. <u>Fraxinus pennsylvanica</u>	<u>5</u>	<u>N</u>	<u>FACW</u>
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>75.0</u> = Total Cover			

Herb Stratum (Plot size: <u>5</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Phalaris arundinacea</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>
2. <u>Typha X glauca</u>	<u>10</u>	<u>Y</u>	<u>OBL</u>
3. <u>Solidago gigantea</u>	<u>10</u>	<u>Y</u>	<u>FACW</u>
4. <u>Equisetum arvense</u>	<u>5</u>	<u>N</u>	<u>FAC</u>
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____
<u>40.0</u> = Total Cover			

Woody Vine Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
<u>0</u> = Total Cover			

Remarks: (Include photo numbers here or on a separate sheet.)

Dominance Test worksheet:Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)Total Number of Dominant Species Across All Strata: 4 (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 <u>10.00</u>	x 1 = <u>10.00</u>
FACW species <u>100.00</u>	x 2 = <u>200.00</u>
FAC species <u>5.00</u>	x 3 = <u>15.00</u>
FACU species <u>0.00</u>	x 4 = <u>0.00</u>
UPL species <u>0.00</u>	x 5 = <u>0.00</u>
Column Totals: <u>115.00</u> (A)	<u>225.00</u> (B)

Prevalence Index = B/A = 1.96**Hydrophytic Vegetation Indicators:**

- ☒ 1 - Rapid Test for Hydrophytic Vegetation
- ☒ 2 - Dominance Test is >50%
- ☒ 3 - Prevalence Index is ≤3.0¹
- ☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
- ☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators 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 ☐

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 50-Acre Parcel City/County: Ozaukee County Sampling Date: 2024-05-10
 Applicant/Owner: Gregory T. Sommersberger State: Wisconsin Sampling Point: P2
 Investigator(s): Matt Stangel Section, Township, Range: sec 09 T010N R022E
 Landform (hillslope, terrace, etc.): Shoulder Local relief (concave, convex, none): Convex Slope (%): 3-7
 Subregion (LRR or MLRA): LRR L, MLRA 95 Lat: 43.343197 Long: -87.892549 Datum: WGS84
 Soil Map Unit Name: Kewaunee silt loam, 2 to 6 percent slopes, eroded 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.)

Sample point located in an upland agricultural field. Normal circumstances not present and vegetation significantly disturbed due to agricultural activities. APT analysis indicates climatic conditions are wetter than normal for the time of year.

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
☐ Surface Water (A1)	☐ Water-Stained Leaves (B9)	☐ Surface Soil Cracks (B6)
☐ High Water Table (A2)	☐ Aquatic Fauna (B13)	☐ Drainage Patterns (B10)
☐ Saturation (A3)	☐ Marl Deposits (B15)	☐ Moss Trim Lines (B16)
☐ Water Marks (B1)	☐ Hydrogen Sulfide Odor (C1)	☐ Dry-Season Water Table (C2)
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	☐ Crayfish Burrows (C8)
☐ Drift Deposits (B3)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)
☐ Algal Mat or Crust (B4)	☐ Recent Iron Reduction in Tilled Soils (C6)	☐ Stunted or Stressed Plants (D1)
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ Shallow Aquitard (D3)
☐ Sparsely Vegetated Concave Surface (B8)		☐ 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 ☒
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

OSA Review Area 1

Remarks:
 No wetland hydrology indicators observed.

VEGETATION – Use scientific names of plants.

Sampling Point: P2

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.00</u> (A/B)														
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>0</u> = Total Cover				Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th style="width: 50%;">Total % Cover of:</th> <th style="width: 50%;">Multiply by:</th> </tr> <tr> <td>OBL species <u>0.00</u></td> <td>x 1 = <u>0.00</u></td> </tr> <tr> <td>FACW species <u>0.00</u></td> <td>x 2 = <u>0.00</u></td> </tr> <tr> <td>FAC species <u>0.00</u></td> <td>x 3 = <u>0.00</u></td> </tr> <tr> <td>FACU species <u>20.00</u></td> <td>x 4 = <u>80.00</u></td> </tr> <tr> <td>UPL species <u>15.00</u></td> <td>x 5 = <u>75.00</u></td> </tr> <tr> <td>Column Totals: <u>35.00</u> (A)</td> <td><u>155.00</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>4.43</u>	Total % Cover of:	Multiply by:	OBL species <u>0.00</u>	x 1 = <u>0.00</u>	FACW species <u>0.00</u>	x 2 = <u>0.00</u>	FAC species <u>0.00</u>	x 3 = <u>0.00</u>	FACU species <u>20.00</u>	x 4 = <u>80.00</u>	UPL species <u>15.00</u>	x 5 = <u>75.00</u>	Column Totals: <u>35.00</u> (A)	<u>155.00</u> (B)
Total % Cover of:	Multiply by:																	
OBL species <u>0.00</u>	x 1 = <u>0.00</u>																	
FACW species <u>0.00</u>	x 2 = <u>0.00</u>																	
FAC species <u>0.00</u>	x 3 = <u>0.00</u>																	
FACU species <u>20.00</u>	x 4 = <u>80.00</u>																	
UPL species <u>15.00</u>	x 5 = <u>75.00</u>																	
Column Totals: <u>35.00</u> (A)	<u>155.00</u> (B)																	
<u>0</u> = Total Cover																		
Sapling/Shrub Stratum (Plot size: <u>15</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>0</u> = Total Cover																		
Herb Stratum (Plot size: <u>5</u>)																		
1. <u>Thlaspi arvense</u>	<u>15</u>	<u>Y</u>	<u>UPL</u>	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.														
2. <u>Taraxacum officinale</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>															
3. <u>Plantago major</u>	<u>5</u>	<u>N</u>	<u>FACU</u>															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
8. _____	_____	_____	_____															
9. _____	_____	_____	_____															
10. _____	_____	_____	_____															
11. _____	_____	_____	_____															
12. _____	_____	_____	_____															
<u>35.0</u> = Total Cover																		
Woody Vine Stratum (Plot size: <u>30</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
<u>0</u> = Total Cover																		
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.) No crops present. Weeds abundant.																		

Sampling Point: P2

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|--|---|---|
| ☐ Histosol (A1) | ☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| ☐ Histic Epipedon (A2) | ☐ MLRA 149B | ☐ Coast Prairie Redox (A16) (LRR K, L, R) |
| ☐ Black Histic (A3) | ☐ Thin Dark Surface (S9) (LRR R, MLRA 149B) | ☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| ☐ Hydrogen Sulfide (A4) | ☐ Loamy Mucky Mineral (F1) (LRR K, L) | ☐ Dark Surface (S7) (LRR K, L) |
| ☐ Stratified Layers (A5) | ☐ Loamy Gleyed Matrix (F2) | ☐ Polyvalue Below Surface (S8) (LRR K, L) |
| ☐ Depleted Below Dark Surface (A11) | ☐ Depleted Matrix (F3) | ☐ Thin Dark Surface (S9) (LRR K, L) |
| ☐ Thick Dark Surface (A12) | ☐ Redox Dark Surface (F6) | ☐ Iron-Manganese Masses (F12) (LRR K, L, R) |
| ☐ Sandy Mucky Mineral (S1) | ☐ Depleted Dark Surface (F7) | ☐ Piedmont Floodplain Soils (F19) (MLRA 149B) |
| ☐ Sandy Gleyed Matrix (S4) | ☐ Redox Depressions (F8) | ☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| ☐ Sandy Redox (S5) | | ☐ Red Parent Material (F21) |
| ☐ Stripped Matrix (S6) | | ☐ Very Shallow Dark Surface (TF12) |
| ☐ Dark Surface (S7) (LRR R, MLRA 149B) | | ☐ Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____

Depth (inches): _____

Hydric Soil Present?	Yes	No	✓
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Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 50-Acre Parcel City/County: Ozaukee County Sampling Date: 2024-05-10
 Applicant/Owner: Gregory T. Sommersberger State: Wisconsin Sampling Point: P3
 Investigator(s): Matt Stangel Section, Township, Range: sec 09 T010N R022E
 Landform (hillslope, terrace, etc.): Backslope Local relief (concave, convex, none): None Slope (%): 3-7
 Subregion (LRR or MLRA): LRR L, MLRA 95 Lat: 43.343491 Long: -87.890911 Datum: WGS84
 Soil Map Unit Name: Kewaunee silt loam, 2 to 6 percent slopes, eroded 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 ☒ If yes, optional Wetland Site ID: _____
Hydric Soil Present? Yes _____ No ☒	
Wetland Hydrology Present? Yes _____ No ☒	
Remarks: (Explain alternative procedures here or in a separate report.) Sample point located in an upland meadow. APT analysis indicates climatic conditions are wetter than normal for the time of year.	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)	
Primary Indicators (minimum of one is required; check all that apply)			
☐ Surface Water (A1)	☐ Water-Stained Leaves (B9)	☐ Surface Soil Cracks (B6)	
☐ High Water Table (A2)	☐ Aquatic Fauna (B13)	☐ Drainage Patterns (B10)	
☐ Saturation (A3)	☐ Marl Deposits (B15)	☐ Moss Trim Lines (B16)	
☐ Water Marks (B1)	☐ Hydrogen Sulfide Odor (C1)	☐ Dry-Season Water Table (C2)	
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	☐ Crayfish Burrows (C8)	
☐ Drift Deposits (B3)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)	
☐ Algal Mat or Crust (B4)	☐ Recent Iron Reduction in Tilled Soils (C6)	☐ Stunted or Stressed Plants (D1)	
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)	
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ Shallow Aquitard (D3)	
☐ Sparsely Vegetated Concave Surface (B8)		☐ Microtopographic Relief (D4)	
		☐ FAC-Neutral Test (D5)	
Field Observations:			
Surface Water Present? Yes _____ No ☒ Depth (inches): _____	Wetland Hydrology Present? Yes _____ No ☒		
Water Table Present? Yes _____ No ☒ Depth (inches): _____			
Saturation Present? (includes capillary fringe) Yes _____ No ☒ Depth (inches): _____			
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:			
Remarks: No wetland hydrology indicators observed.			

VEGETATION – Use scientific names of plants.

Sampling Point: P3

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>0</u> = Total Cover			

Sapling/Shrub Stratum (Plot size: <u>15</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Lonicera X bella</u>	<u>5</u>	<u>Y</u>	<u>FACU</u>
2. <u>Juglans nigra</u>	<u>5</u>	<u>Y</u>	<u>FACU</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>10.0</u> = Total Cover			

Herb Stratum (Plot size: <u>5</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Poa pratensis</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>
2. <u>Solidago canadensis</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>
3. <u>Glechoma hederacea</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>
4. <u>Trifolium pratense</u>	<u>10</u>	<u>N</u>	<u>FACU</u>
5. <u>Phalaris arundinacea</u>	<u>10</u>	<u>N</u>	<u>FACW</u>
6. <u>Daucus carota</u>	<u>5</u>	<u>N</u>	<u>UPL</u>
7. <u>HIBISCUS TRIONUM</u>	<u>5</u>	<u>N</u>	<u>UPL</u>
8. <u>Potentilla simplex</u>	<u>5</u>	<u>N</u>	<u>FACU</u>
9. <u>Barbarea vulgaris</u>	<u>5</u>	<u>N</u>	<u>FAC</u>
10. <u>Cirsium arvense</u>	<u>3</u>	<u>N</u>	<u>FACU</u>
11. _____	_____	_____	_____
12. _____	_____	_____	_____
<u>93.0</u> = Total Cover			

Woody Vine Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
<u>0</u> = Total Cover			

Remarks: (Include photo numbers here or on a separate sheet.)

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 5 (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 <u>0.00</u>	x 1 = <u>0.00</u>
FACW species <u>10.00</u>	x 2 = <u>20.00</u>
FAC species <u>5.00</u>	x 3 = <u>15.00</u>
FACU species <u>78.00</u>	x 4 = <u>312.00</u>
UPL species <u>10.00</u>	x 5 = <u>50.00</u>
Column Totals: <u>103.00</u> (A)	<u>397.00</u> (B)

Prevalence Index = B/A = 3.85

Hydrophytic Vegetation Indicators:

- ☐ 1 - Rapid Test for Hydrophytic Vegetation
- ☐ 2 - Dominance Test is >50%
- ☐ 3 - Prevalence Index is ≤3.0¹
- ☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
- ☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators 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 ☒

Sampling Point: P3

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|--|---|---|
| ☐ Histosol (A1) | ☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| ☐ Histic Epipedon (A2) | ☐ MLRA 149B | ☐ Coast Prairie Redox (A16) (LRR K, L, R) |
| ☐ Black Histic (A3) | ☐ Thin Dark Surface (S9) (LRR R, MLRA 149B) | ☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| ☐ Hydrogen Sulfide (A4) | ☐ Loamy Mucky Mineral (F1) (LRR K, L) | ☐ Dark Surface (S7) (LRR K, L) |
| ☐ Stratified Layers (A5) | ☐ Loamy Gleyed Matrix (F2) | ☐ Polyvalue Below Surface (S8) (LRR K, L) |
| ☐ Depleted Below Dark Surface (A11) | ☐ Depleted Matrix (F3) | ☐ Thin Dark Surface (S9) (LRR K, L) |
| ☐ Thick Dark Surface (A12) | ☐ Redox Dark Surface (F6) | ☐ Iron-Manganese Masses (F12) (LRR K, L, R) |
| ☐ Sandy Mucky Mineral (S1) | ☐ Depleted Dark Surface (F7) | ☐ Piedmont Floodplain Soils (F19) (MLRA 149B) |
| ☐ Sandy Gleyed Matrix (S4) | ☐ Redox Depressions (F8) | ☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| ☐ Sandy Redox (S5) | | ☐ Red Parent Material (F21) |
| ☐ Stripped Matrix (S6) | | ☐ Very Shallow Dark Surface (TF12) |
| ☐ Dark Surface (S7) (LRR R, MLRA 149B) | | ☐ Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____

Depth (inches): _____

Hydric Soil Present?	Yes	No	✓
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Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 50-Acre Parcel City/County: Ozaukee County Sampling Date: 2024-05-10
 Applicant/Owner: Gregory T. Sommersberger State: Wisconsin Sampling Point: P4
 Investigator(s): Matt Stangel Section, Township, Range: sec 09 T010N R022E
 Landform (hillslope, terrace, etc.): Toeslope Local relief (concave, convex, none): Concave Slope (%): 0-2
 Subregion (LRR or MLRA): LRR L, MLRA 95 Lat: 43.343871 Long: -87.887158 Datum: WGS84
 Soil Map Unit Name: Kewaunee silty clay, 12 to 20 percent slopes, severely eroded 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.)

Sample point located in a shrub carr wetland near edge of waterway. APT analysis indicates climatic conditions are wetter than normal for the time of year.

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
☐ Surface Water (A1)	☐ Water-Stained Leaves (B9)	☐ Surface Soil Cracks (B6)
☐ High Water Table (A2)	☐ Aquatic Fauna (B13)	☒ Drainage Patterns (B10)
☐ Saturation (A3)	☐ Marl Deposits (B15)	☐ Moss Trim Lines (B16)
☐ Water Marks (B1)	☐ Hydrogen Sulfide Odor (C1)	☐ Dry-Season Water Table (C2)
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	☐ Crayfish Burrows (C8)
☒ Drift Deposits (B3)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)
☐ Algal Mat or Crust (B4)	☐ Recent Iron Reduction in Tilled Soils (C6)	☐ Stunted or Stressed Plants (D1)
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☒ Geomorphic Position (D2)
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ Shallow Aquitard (D3)
☐ Sparsely Vegetated Concave Surface (B8)		☐ Microtopographic Relief (D4)
		☒ FAC-Neutral Test (D5)

Field Observations:		Wetland Hydrology Present? Yes ☒ No ☐
Surface Water Present? Yes ☐ No ☒ Depth (inches): _____		
Water Table Present? Yes ☐ No ☒ Depth (inches): _____		
Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

VEGETATION – Use scientific names of plants.

Sampling Point: P4

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>3</u> (A) Total Number of Dominant Species Across All Strata: <u>4</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>75.00</u> (A/B)														
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>0</u> = Total Cover				Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th style="width: 50%;">Total % Cover of:</th> <th style="width: 50%;">Multiply by:</th> </tr> <tr> <td>OBL species <u>0.00</u></td> <td>x 1 = <u>0.00</u></td> </tr> <tr> <td>FACW species <u>45.00</u></td> <td>x 2 = <u>90.00</u></td> </tr> <tr> <td>FAC species <u>10.00</u></td> <td>x 3 = <u>30.00</u></td> </tr> <tr> <td>FACU species <u>25.00</u></td> <td>x 4 = <u>100.00</u></td> </tr> <tr> <td>UPL species <u>0.00</u></td> <td>x 5 = <u>0.00</u></td> </tr> <tr> <td>Column Totals: <u>80.00</u> (A)</td> <td><u>220.00</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>2.75</u>	Total % Cover of:	Multiply by:	OBL species <u>0.00</u>	x 1 = <u>0.00</u>	FACW species <u>45.00</u>	x 2 = <u>90.00</u>	FAC species <u>10.00</u>	x 3 = <u>30.00</u>	FACU species <u>25.00</u>	x 4 = <u>100.00</u>	UPL species <u>0.00</u>	x 5 = <u>0.00</u>	Column Totals: <u>80.00</u> (A)	<u>220.00</u> (B)
Total % Cover of:	Multiply by:																	
OBL species <u>0.00</u>	x 1 = <u>0.00</u>																	
FACW species <u>45.00</u>	x 2 = <u>90.00</u>																	
FAC species <u>10.00</u>	x 3 = <u>30.00</u>																	
FACU species <u>25.00</u>	x 4 = <u>100.00</u>																	
UPL species <u>0.00</u>	x 5 = <u>0.00</u>																	
Column Totals: <u>80.00</u> (A)	<u>220.00</u> (B)																	
Sapling/Shrub Stratum (Plot size: <u>15</u>)																		
1. <u>Salix interior</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>															
2. <u>Lonicera X bella</u>	<u>25</u>	<u>Y</u>	<u>FACU</u>															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>50.0</u> = Total Cover																		
Herb Stratum (Plot size: <u>5</u>)																		
1. <u>Impatiens capensis</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>															
2. <u>Geum canadense</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
8. _____	_____	_____	_____															
9. _____	_____	_____	_____															
10. _____	_____	_____	_____															
11. _____	_____	_____	_____															
12. _____	_____	_____	_____															
<u>30.0</u> = Total Cover																		
Woody Vine Stratum (Plot size: <u>30</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
<u>0</u> = Total Cover																		
Remarks: (Include photo numbers here or on a separate sheet.) Dead Fraxinus pennsylvanica in tree stratum.																		

Hydrophytic Vegetation Indicators:
☐ 1 - Rapid Test for Hydrophytic Vegetation
☒ 2 - Dominance Test is >50%
☒ 3 - Prevalence Index is ≤3.0¹
☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation¹ (Explain)

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 ☐

Sampling Point: P4

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| ☐ Histosol (A1) | ☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| ☐ Histic Epipedon (A2) | | ☐ Coast Prairie Redox (A16) (LRR K, L, R) |
| ☐ Black Histic (A3) | ☐ Thin Dark Surface (S9) (LRR R, MLRA 149B) | ☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| ☐ Hydrogen Sulfide (A4) | ☐ Loamy Mucky Mineral (F1) (LRR K, L) | ☐ Dark Surface (S7) (LRR K, L) |
| ☐ Stratified Layers (A5) | ☐ Loamy Gleyed Matrix (F2) | ☐ Polyvalue Below Surface (S8) (LRR K, L) |
| ☒ Depleted Below Dark Surface (A11) | ☒ Depleted Matrix (F3) | ☐ Thin Dark Surface (S9) (LRR K, L) |
| ☐ Thick Dark Surface (A12) | ☒ Redox Dark Surface (F6) | ☐ Iron-Manganese Masses (F12) (LRR K, L, R) |
| ☐ Sandy Mucky Mineral (S1) | ☐ Depleted Dark Surface (F7) | ☐ Piedmont Floodplain Soils (F19) (MLRA 149B) |
| ☐ Sandy Gleyed Matrix (S4) | ☐ Redox Depressions (F8) | ☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| ☐ Sandy Redox (S5) | | ☐ Red Parent Material (F21) |
| ☐ Stripped Matrix (S6) | | ☐ Very Shallow Dark Surface (TF12) |
| ☐ Dark Surface (S7) (LRR R, MLRA 149B) | | ☐ Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____

Depth (inches): _____

Hydric Soil Present?	Yes	✓	No
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Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 50-Acre Parcel City/County: Ozaukee County Sampling Date: 2024-05-10
 Applicant/Owner: Gregory T. Sommersberger State: Wisconsin Sampling Point: P5
 Investigator(s): Matt Stangel Section, Township, Range: sec 09 T010N R022E
 Landform (hillslope, terrace, etc.): Shoulder Local relief (concave, convex, none): Convex Slope (%): 8-15
 Subregion (LRR or MLRA): LRR L, MLRA 95 Lat: 43.343855 Long: -87.886994 Datum: WGS84
 Soil Map Unit Name: Kewaunee silty clay, 12 to 20 percent slopes, severely eroded 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 ☒
 Hydric Soil Present? Yes ☐ No ☒
 Wetland Hydrology Present? Yes ☐ No ☒

Is the Sampled Area within a Wetland? Yes ☐ No ☒
 If yes, optional Wetland Site ID: _____

Remarks: (Explain alternative procedures here or in a separate report.)

Sample point located in an upland forest. APT analysis indicates climatic conditions are wetter than normal for the time of year.

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:

No wetland hydrology indicators observed.

VEGETATION – Use scientific names of plants.

Sampling Point: P5

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Thuja occidentalis</u>	<u>10</u>	<u>Y</u>	<u>FACW</u>
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>10.0</u> = Total Cover			
Sapling/Shrub Stratum (Plot size: <u>15</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Lonicera X bella</u>	<u>50</u>	<u>Y</u>	<u>FACU</u>
2. <u>Rhamnus cathartica</u>	<u>10</u>	<u>N</u>	<u>FAC</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>60.0</u> = Total Cover			
Herb Stratum (Plot size: <u>5</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Geum canadense</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>
2. <u>Hesperis matronalis</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>
3. <u>Alliaria petiolata</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>
4. <u>Arctium minus</u>	<u>10</u>	<u>N</u>	<u>FACU</u>
5. <u>Fragaria virginiana</u>	<u>10</u>	<u>N</u>	<u>FACU</u>
6. <u>Rosa multiflora</u>	<u>5</u>	<u>N</u>	<u>FACU</u>
7. <u>Monarda fistulosa</u>	<u>3</u>	<u>N</u>	<u>FACU</u>
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____
<u>73.0</u> = Total Cover			
Woody Vine Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
<u>0</u> = Total Cover			

Remarks: (Include photo numbers here or on a separate sheet.)
Dead Fraxinus pennsylvanica in tree stratum

Dominance Test worksheet:
 Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)
 Total Number of Dominant Species Across All Strata: 5 (B)
 Percent of Dominant Species That Are OBL, FACW, or FAC: 40.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>0.00</u>	x 1 = <u>0.00</u>
FACW species <u>10.00</u>	x 2 = <u>20.00</u>
FAC species <u>25.00</u>	x 3 = <u>75.00</u>
FACU species <u>108.00</u>	x 4 = <u>432.00</u>
UPL species <u>0.00</u>	x 5 = <u>0.00</u>
Column Totals: <u>143.00</u> (A)	<u>527.00</u> (B)

 Prevalence Index = B/A = 3.69

Hydrophytic Vegetation Indicators:
☐ 1 - Rapid Test for Hydrophytic Vegetation
☐ 2 - Dominance Test is >50%
☐ 3 - Prevalence Index is ≤3.0¹
☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators 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 ✓

Sampling Point: P5

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|---|--|--|
| ☐ Histosol (A1) | ☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| ☐ Histic Epipedon (A2) | ☐ MLRA 149B) | ☐ Coast Prairie Redox (A16) (LRR K, L, R) |
| ☐ Black Histic (A3) | ☐ Thin Dark Surface (S9) (LRR R, MLRA 149B) | ☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| ☐ Hydrogen Sulfide (A4) | ☐ Loamy Mucky Mineral (F1) (LRR K, L) | ☐ Dark Surface (S7) (LRR K, L) |
| ☐ Stratified Layers (A5) | ☐ Loamy Gleyed Matrix (F2) | ☐ Polyvalue Below Surface (S8) (LRR K, L) |
| ☐ Depleted Below Dark Surface (A11) | ☐ Depleted Matrix (F3) | ☐ Thin Dark Surface (S9) (LRR K, L) |
| ☐ Thick Dark Surface (A12) | ☐ Redox Dark Surface (F6) | ☐ Iron-Manganese Masses (F12) (LRR K, L, R) |
| ☐ Sandy Mucky Mineral (S1) | ☐ Depleted Dark Surface (F7) | ☐ Piedmont Floodplain Soils (F19) (MLRA 149B) |
| ☐ Sandy Gleyed Matrix (S4) | ☐ Redox Depressions (F8) | ☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| ☐ Sandy Redox (S5) | | ☐ Red Parent Material (F21) |
| ☐ Stripped Matrix (S6) | | ☐ Very Shallow Dark Surface (TF12) |
| ☐ Dark Surface (S7) (LRR R, MLRA 149B) | | ☐ Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____

Depth (inches): _____

Hydric Soil Present?	Yes	No	✓
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Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 50-Acre Parcel City/County: Ozaukee County Sampling Date: 2024-05-10
 Applicant/Owner: Gregory T. Sommersberger State: Wisconsin Sampling Point: P6
 Investigator(s): Matt Stangel Section, Township, Range: sec 09 T010N R022E
 Landform (hillslope, terrace, etc.): Shoulder Local relief (concave, convex, none): Convex Slope (%): 16-25
 Subregion (LRR or MLRA): LRR L, MLRA 95 Lat: 43.344442 Long: -87.886910 Datum: WGS84
 Soil Map Unit Name: Kewaunee silty clay, 12 to 20 percent slopes, severely eroded 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 ☒ If yes, optional Wetland Site ID: _____
Hydric Soil Present? Yes _____ No ☒	
Wetland Hydrology Present? Yes _____ No ☒	
Remarks: (Explain alternative procedures here or in a separate report.) Sample point located in an upland shrub thicket on a steep river bank. APT analysis indicates climatic conditions are wetter than normal for the time of year.	

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply)		Secondary Indicators (minimum of two required)
☐ 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)	☐ 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: No wetland hydrology indicators observed.		

VEGETATION – Use scientific names of plants.

Sampling Point: P6

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Prunus serotina</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>10.0</u> = Total Cover			

Sapling/Shrub Stratum (Plot size: <u>15</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Lonicera X bella</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>
2. <u>Prunus serotina</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>
3. <u>Juglans nigra</u>	<u>10</u>	<u>N</u>	<u>FACU</u>
4. <u>Rhamnus cathartica</u>	<u>10</u>	<u>N</u>	<u>FAC</u>
5. <u>Crataegus mollis</u>	<u>10</u>	<u>N</u>	<u>FAC</u>
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>80.0</u> = Total Cover			

Herb Stratum (Plot size: <u>5</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Alliaria petiolata</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>
2. <u>Impatiens capensis</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>
3. <u>Rosa multiflora</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>
4. <u>Hesperis matronalis</u>	<u>10</u>	<u>N</u>	<u>FACU</u>
5. <u>Arctium minus</u>	<u>10</u>	<u>N</u>	<u>FACU</u>
6. <u>Geum canadense</u>	<u>5</u>	<u>N</u>	<u>FAC</u>
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____
<u>75.0</u> = Total Cover			

Woody Vine Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
<u>0</u> = Total Cover			

Remarks: (Include photo numbers here or on a separate sheet.)
Dead Fraxinus pennsylvanica in tree stratum

Dominance Test worksheet:Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)Total Number of Dominant Species Across All Strata: 6 (B)Percent of Dominant Species That Are OBL, FACW, or FAC: 16.67 (A/B)**Prevalence Index worksheet:**

Total % Cover of:	Multiply by:
OBL species <u>0.00</u>	x 1 = <u>0.00</u>
FACW species <u>15.00</u>	x 2 = <u>30.00</u>
FAC species <u>25.00</u>	x 3 = <u>75.00</u>
FACU species <u>125.00</u>	x 4 = <u>500.00</u>
UPL species <u>0.00</u>	x 5 = <u>0.00</u>
Column Totals: <u>165.00</u> (A)	<u>605.00</u> (B)

Prevalence Index = B/A = 3.67**Hydrophytic Vegetation Indicators:**

- ☐ 1 - Rapid Test for Hydrophytic Vegetation
☐ 2 - Dominance Test is >50%
☐ 3 - Prevalence Index is ≤3.0¹
☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators 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 ☒

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 50-Acre Parcel City/County: Ozaukee County Sampling Date: 2024-05-15
 Applicant/Owner: Gregory T. Sommersberger State: Wisconsin Sampling Point: P7
 Investigator(s): Matt Stangel Section, Township, Range: sec 09 T010N R022E
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): Concave Slope (%): 0-2
 Subregion (LRR or MLRA): LRR L, MLRA 95 Lat: 43.344691 Long: -87.890765 Datum: WGS84
 Soil Map Unit Name: Manawa silt loam, 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 _____ If yes, optional Wetland Site ID: _____
Hydric Soil Present? Yes ☒ No _____	
Wetland Hydrology Present? Yes ☒ No _____	
Remarks: (Explain alternative procedures here or in a separate report.) Sample point located in a shrub carr wetland near edge of waterway. APT analysis indicates climatic conditions are wetter than normal for the time of year.	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
☐ Surface Water (A1)	☐ Water-Stained Leaves (B9)	☐ Surface Soil Cracks (B6)
☒ High Water Table (A2)	☐ Aquatic Fauna (B13)	☒ Drainage Patterns (B10)
☒ Saturation (A3)	☐ Marl Deposits (B15)	☐ Moss Trim Lines (B16)
☐ Water Marks (B1)	☐ Hydrogen Sulfide Odor (C1)	☐ Dry-Season Water Table (C2)
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	☐ Crayfish Burrows (C8)
☒ Drift Deposits (B3)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)
☐ Algal Mat or Crust (B4)	☐ Recent Iron Reduction in Tilled Soils (C6)	☐ Stunted or Stressed Plants (D1)
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☒ Geomorphic Position (D2)
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ Shallow Aquitard (D3)
☐ Sparsely Vegetated Concave Surface (B8)		☐ Microtopographic Relief (D4)
		☒ FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes _____ No ☒ Depth (inches): _____	Wetland Hydrology Present? Yes ☒ No _____	
Water Table Present? Yes ☒ No _____ Depth (inches): <u>10</u>		
Saturation Present? (includes capillary fringe) Yes ☒ No _____ Depth (inches): <u>5</u>		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

VEGETATION – Use scientific names of plants.

Sampling Point: P7

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
	<u>0</u> = Total Cover		

Sapling/Shrub Stratum (Plot size: <u>15</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Lonicera X bella</u>	<u>25</u>	<u>Y</u>	<u>FACU</u>
2. <u>Salix interior</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
	<u>45.0</u> = Total Cover		

Herb Stratum (Plot size: <u>5</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Impatiens capensis</u>	<u>30</u>	<u>Y</u>	<u>FACW</u>
2. <u>Phalaris arundinacea</u>	<u>15</u>	<u>Y</u>	<u>FACW</u>
3. <u>Glyceria striata</u>	<u>15</u>	<u>Y</u>	<u>OBL</u>
4. <u>Solidago gigantea</u>	<u>10</u>	<u>N</u>	<u>FACW</u>
5. <u>Heracleum maximum</u>	<u>10</u>	<u>N</u>	<u>FACW</u>
6. <u>Geum canadense</u>	<u>5</u>	<u>N</u>	<u>FAC</u>
7. <u>Carex vulpinoidea</u>	<u>5</u>	<u>N</u>	<u>OBL</u>
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____
	<u>90.0</u> = Total Cover		

Woody Vine Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
	<u>0</u> = Total Cover		

Remarks: (Include photo numbers here or on a separate sheet.)
Dead Fraxinus pennsylvanica in tree stratum.

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)

Total Number of Dominant Species Across All Strata: 5 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 80.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <u>20.00</u>	x 1 = <u>20.00</u>
FACW species <u>85.00</u>	x 2 = <u>170.00</u>
FAC species <u>5.00</u>	x 3 = <u>15.00</u>
FACU species <u>25.00</u>	x 4 = <u>100.00</u>
UPL species <u>0.00</u>	x 5 = <u>0.00</u>
Column Totals: <u>135.00</u> (A)	<u>305.00</u> (B)

Prevalence Index = B/A = 2.26

Hydrophytic Vegetation Indicators:

- ☐ 1 - Rapid Test for Hydrophytic Vegetation
- ☒ 2 - Dominance Test is >50%
- ☒ 3 - Prevalence Index is ≤3.0¹
- ☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
- ☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators 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 ☐

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 50-Acre Parcel City/County: Ozaukee County Sampling Date: 2024-05-10
 Applicant/Owner: Gregory T. Sommersberger State: Wisconsin Sampling Point: P8
 Investigator(s): Matt Stangel Section, Township, Range: sec 09 T010N R022E
 Landform (hillslope, terrace, etc.): Backslope Local relief (concave, convex, none): None Slope (%): 3-7
 Subregion (LRR or MLRA): LRR L, MLRA 95 Lat: 43.344501 Long: -87.890749 Datum: WGS84
 Soil Map Unit Name: Manawa silt loam, 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.) Sample point located in an upland agricultural field. Normal circumstances not present and vegetation significantly disturbed due to agricultural activities. APT analysis indicates climatic conditions are wetter than normal for the time of year.	

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
☐ Surface Water (A1)	☐ Water-Stained Leaves (B9)	☐ Surface Soil Cracks (B6)
☐ High Water Table (A2)	☐ Aquatic Fauna (B13)	☐ Drainage Patterns (B10)
☐ Saturation (A3)	☐ Marl Deposits (B15)	☐ Moss Trim Lines (B16)
☐ Water Marks (B1)	☐ Hydrogen Sulfide Odor (C1)	☐ Dry-Season Water Table (C2)
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	☐ Crayfish Burrows (C8)
☐ Drift Deposits (B3)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)
☐ Algal Mat or Crust (B4)	☐ Recent Iron Reduction in Tilled Soils (C6)	☐ Stunted or Stressed Plants (D1)
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ Shallow Aquitard (D3)
☐ Sparsely Vegetated Concave Surface (B8)		☐ Microtopographic Relief (D4)
		☐ FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes _____ No ☒ Depth (inches): _____	Wetland Hydrology Present? Yes _____ No ☒	
Water Table Present? Yes _____ No ☒ Depth (inches): _____		
Saturation Present? (includes capillary fringe) Yes _____ No ☒ Depth (inches): _____		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: No wetland hydrology indicators observed.		

VEGETATION – Use scientific names of plants.

Sampling Point: P8

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
	<u>0</u> = Total Cover		

Sapling/Shrub Stratum (Plot size: <u>15</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
	<u>0</u> = Total Cover		

Herb Stratum (Plot size: <u>5</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Persicaria maculosa</u>	<u>15</u>	<u>Y</u>	<u>FAC</u>
2. <u>Trifolium pratense</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>
3. <u>Thlaspi arvense</u>	<u>5</u>	<u>N</u>	<u>UPL</u>
4. <u>Taraxacum officinale</u>	<u>2</u>	<u>N</u>	<u>FACU</u>
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____
	<u>32.0</u> = Total Cover		

Woody Vine Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
	<u>0</u> = Total Cover		

Remarks: (Include photo numbers here or on a separate sheet.)
No crops present. Weeds abundant.

Dominance Test worksheet:Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)Total Number of Dominant Species Across All Strata: 2 (B)Percent of Dominant Species That Are OBL, FACW, or FAC: 50.00 (A/B)**Prevalence Index worksheet:**

Total % Cover of:	Multiply by:
OBL species <u>0.00</u>	x 1 = <u>0.00</u>
FACW species <u>0.00</u>	x 2 = <u>0.00</u>
FAC species <u>15.00</u>	x 3 = <u>45.00</u>
FACU species <u>12.00</u>	x 4 = <u>48.00</u>
UPL species <u>5.00</u>	x 5 = <u>25.00</u>
Column Totals: <u>32.00</u> (A)	<u>118.00</u> (B)

Prevalence Index = B/A = 3.69**Hydrophytic Vegetation Indicators:**

- ☐ 1 - Rapid Test for Hydrophytic Vegetation
☐ 2 - Dominance Test is >50%
☐ 3 - Prevalence Index is ≤3.0¹
☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators 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 ☒

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 50-Acre Parcel City/County: Ozaukee County Sampling Date: 2024-05-15
 Applicant/Owner: Gregory T. Sommersberger State: Wisconsin Sampling Point: P9
 Investigator(s): Matt Stangel Section, Township, Range: sec 09 T010N R022E
 Landform (hillslope, terrace, etc.): Backslope Local relief (concave, convex, none): None Slope (%): 3-7
 Subregion (LRR or MLRA): LRR L, MLRA 95 Lat: 43.344953 Long: -87.890862 Datum: WGS84
 Soil Map Unit Name: Manawa silt loam, 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 ☒
 Hydric Soil Present? Yes ☐ No ☒
 Wetland Hydrology Present? Yes ☐ No ☒

Is the Sampled Area within a Wetland? Yes ☐ No ☒
 If yes, optional Wetland Site ID: _____

Remarks: (Explain alternative procedures here or in a separate report.)

Sample point located in an upland agricultural field. Normal circumstances not present and vegetation significantly disturbed due to agricultural activities. APT analysis indicates climatic conditions are wetter than normal for the time of year.

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? Yes ☐ No ☒ Depth (inches): _____
 (includes capillary fringe)

Wetland Hydrology Present? Yes ☐ No ☒

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators observed.

VEGETATION – Use scientific names of plants.

Sampling Point: P9

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>4</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>25.00</u> (A/B)														
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>0</u> = Total Cover				Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th style="width: 50%;">Total % Cover of:</th> <th style="width: 50%;">Multiply by:</th> </tr> <tr> <td>OBL species <u>0.00</u></td> <td>x 1 = <u>0.00</u></td> </tr> <tr> <td>FACW species <u>0.00</u></td> <td>x 2 = <u>0.00</u></td> </tr> <tr> <td>FAC species <u>5.00</u></td> <td>x 3 = <u>15.00</u></td> </tr> <tr> <td>FACU species <u>20.00</u></td> <td>x 4 = <u>80.00</u></td> </tr> <tr> <td>UPL species <u>0.00</u></td> <td>x 5 = <u>0.00</u></td> </tr> <tr> <td>Column Totals: <u>25.00</u> (A)</td> <td><u>95.00</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>3.8</u>	Total % Cover of:	Multiply by:	OBL species <u>0.00</u>	x 1 = <u>0.00</u>	FACW species <u>0.00</u>	x 2 = <u>0.00</u>	FAC species <u>5.00</u>	x 3 = <u>15.00</u>	FACU species <u>20.00</u>	x 4 = <u>80.00</u>	UPL species <u>0.00</u>	x 5 = <u>0.00</u>	Column Totals: <u>25.00</u> (A)	<u>95.00</u> (B)
Total % Cover of:	Multiply by:																	
OBL species <u>0.00</u>	x 1 = <u>0.00</u>																	
FACW species <u>0.00</u>	x 2 = <u>0.00</u>																	
FAC species <u>5.00</u>	x 3 = <u>15.00</u>																	
FACU species <u>20.00</u>	x 4 = <u>80.00</u>																	
UPL species <u>0.00</u>	x 5 = <u>0.00</u>																	
Column Totals: <u>25.00</u> (A)	<u>95.00</u> (B)																	
Sapling/Shrub Stratum (Plot size: <u>15</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>0</u> = Total Cover																		
Herb Stratum (Plot size: <u>5</u>)																		
1. <u>Ambrosia artemisiifolia</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>	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.														
2. <u>Trifolium repens</u>	<u>5</u>	<u>Y</u>	<u>FACU</u>															
3. <u>Rumex crispus</u>	<u>5</u>	<u>Y</u>	<u>FAC</u>															
4. <u>Rosa multiflora</u>	<u>5</u>	<u>Y</u>	<u>FACU</u>															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
8. _____	_____	_____	_____															
9. _____	_____	_____	_____															
10. _____	_____	_____	_____															
11. _____	_____	_____	_____															
12. _____	_____	_____	_____															
<u>25.0</u> = Total Cover																		
Woody Vine Stratum (Plot size: <u>30</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
<u>0</u> = Total Cover																		
Remarks: (Include photo numbers here or on a separate sheet.) <u>No crops present. Weeds abundant.</u>																		

Sampling Point: P9[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|--|---|---|
| ☐ Histosol (A1) | ☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| ☐ Histic Epipedon (A2) | ☐ MLRA 149B | ☐ Coast Prairie Redox (A16) (LRR K, L, R) |
| ☐ Black Histic (A3) | ☐ Thin Dark Surface (S9) (LRR R, MLRA 149B) | ☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| ☐ Hydrogen Sulfide (A4) | ☐ Loamy Mucky Mineral (F1) (LRR K, L) | ☐ Dark Surface (S7) (LRR K, L) |
| ☐ Stratified Layers (A5) | ☐ Loamy Gleyed Matrix (F2) | ☐ Polyvalue Below Surface (S8) (LRR K, L) |
| ☐ Depleted Below Dark Surface (A11) | ☐ Depleted Matrix (F3) | ☐ Thin Dark Surface (S9) (LRR K, L) |
| ☐ Thick Dark Surface (A12) | ☐ Redox Dark Surface (F6) | ☐ Iron-Manganese Masses (F12) (LRR K, L, R) |
| ☐ Sandy Mucky Mineral (S1) | ☐ Depleted Dark Surface (F7) | ☐ Piedmont Floodplain Soils (F19) (MLRA 149B) |
| ☐ Sandy Gleyed Matrix (S4) | ☐ Redox Depressions (F8) | ☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| ☐ Sandy Redox (S5) | | ☐ Red Parent Material (F21) |
| ☐ Stripped Matrix (S6) | | ☐ Very Shallow Dark Surface (TF12) |
| ☐ Dark Surface (S7) (LRR R, MLRA 149B) | | ☐ Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____

Depth (inches): _____

Hydric Soil Present?	Yes	No	✓
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Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 50-Acre Parcel City/County: Ozaukee County Sampling Date: 2024-05-15
 Applicant/Owner: Gregory T. Sommersberger State: Wisconsin Sampling Point: P10
 Investigator(s): Matt Stangel Section, Township, Range: sec 09 T010N R022E
 Landform (hillslope, terrace, etc.): Swale Local relief (concave, convex, none): Concave Slope (%): 0-2
 Subregion (LRR or MLRA): LRR L, MLRA 95 Lat: 43.344599 Long: -87.887618 Datum: WGS84
 Soil Map Unit Name: Manawa silt loam, 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 _____
 Hydric Soil Present? Yes ☒ No _____
 Wetland Hydrology Present? Yes ☒ No _____

Is the Sampled Area within a Wetland? Yes ☒ No _____
 If yes, optional Wetland Site ID: _____

Remarks: (Explain alternative procedures here or in a separate report.)

Sample point located in a wet meadow wetland near edge of waterway. APT analysis indicates climatic conditions are wetter than normal for the time of year.

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): 12
 Saturation Present? Yes ☒ No _____ Depth (inches): 6
 (includes capillary fringe)

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: P10

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Juglans nigra</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>
2. <u>Salix X fragilis</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>25.0</u> = Total Cover			

Sapling/Shrub Stratum (Plot size: <u>15</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Lonicera X bella</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>10.0</u> = Total Cover			

Herb Stratum (Plot size: <u>5</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Phalaris arundinacea</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>
2. <u>Heracleum maximum</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>
3. <u>Solidago gigantea</u>	<u>10</u>	<u>N</u>	<u>FACW</u>
4. <u>Ribes americanum</u>	<u>10</u>	<u>N</u>	<u>FACW</u>
5. <u>Impatiens capensis</u>	<u>5</u>	<u>N</u>	<u>FACW</u>
6. <u>Geum canadense</u>	<u>5</u>	<u>N</u>	<u>FAC</u>
7. <u>Carex vulpinoidea</u>	<u>5</u>	<u>N</u>	<u>OBL</u>
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____
<u>95.0</u> = Total Cover			

Woody Vine Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Vitis riparia</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
<u>10.0</u> = Total Cover			

Remarks: (Include photo numbers here or on a separate sheet.)
Dead Fraxinus pennsylvanica in tree stratum.

Dominance Test worksheet:Number of Dominant Species That Are OBL, FACW, or FAC: 4 (A)Total Number of Dominant Species Across All Strata: 6 (B)Percent of Dominant Species That Are OBL, FACW, or FAC: 66.67 (A/B)**Prevalence Index worksheet:**

Total % Cover of:	Multiply by:
OBL species <u>5.00</u>	x 1 = <u>5.00</u>
FACW species <u>85.00</u>	x 2 = <u>170.00</u>
FAC species <u>25.00</u>	x 3 = <u>75.00</u>
FACU species <u>25.00</u>	x 4 = <u>100.00</u>
UPL species <u>0.00</u>	x 5 = <u>0.00</u>
Column Totals: <u>140.00</u> (A)	<u>350.00</u> (B)

Prevalence Index = B/A = 2.5**Hydrophytic Vegetation Indicators:**

- ☐ 1 - Rapid Test for Hydrophytic Vegetation
- ☒ 2 - Dominance Test is >50%
- ☒ 3 - Prevalence Index is ≤3.0¹
- ☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
- ☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators 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 ☐

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

☐ Histosol (A1)	☐ Polyvalue Below Surface (S8) (LRR R,
☐ Histic Epipedon (A2)	MLRA 149B)
☐ Black Histic (A3)	☐ Thin Dark Surface (S9) (LRR R, MLRA 149B)
☐ Hydrogen Sulfide (A4)	☐ Loamy Mucky Mineral (F1) (LRR K, L)
☐ Stratified Layers (A5)	☐ Loamy Gleyed Matrix (F2)
☒ Depleted Below Dark Surface (A11)	☐ Depleted Matrix (F3)
☐ Thick Dark Surface (A12)	☒ Redox Dark Surface (F6)
☐ Sandy Mucky Mineral (S1)	☐ Depleted Dark Surface (F7)
☐ Sandy Gleyed Matrix (S4)	☐ Redox Depressions (F8)
☐ Sandy Redox (S5)	
☐ Stripped Matrix (S6)	
☐ Dark Surface (S7) (LRR R, MLRA 149B)	

Indicators for Problematic Hydric Soils³:

☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L**)
☐ 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**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators 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
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Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 50-Acre Parcel City/County: Ozaukee County Sampling Date: 2024-05-15
 Applicant/Owner: Gregory T. Sommersberger State: Wisconsin Sampling Point: P11
 Investigator(s): Matt Stangel Section, Township, Range: sec 09 T010N R022E
 Landform (hillslope, terrace, etc.): Backslope Local relief (concave, convex, none): None Slope (%): 3-7
 Subregion (LRR or MLRA): LRR L, MLRA 95 Lat: 43.344806 Long: -87.887309 Datum: WGS84
 Soil Map Unit Name: Rough broken land 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.)

Sample point located in an upland agricultural field. Normal circumstances not present and vegetation significantly disturbed due to agricultural activities. APT analysis indicates climatic conditions are wetter than normal for the time of year.

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
☐ Surface Water (A1)	☐ Water-Stained Leaves (B9)	☐ Surface Soil Cracks (B6)
☐ High Water Table (A2)	☐ Aquatic Fauna (B13)	☐ Drainage Patterns (B10)
☐ Saturation (A3)	☐ Marl Deposits (B15)	☐ Moss Trim Lines (B16)
☐ Water Marks (B1)	☐ Hydrogen Sulfide Odor (C1)	☐ Dry-Season Water Table (C2)
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	☐ Crayfish Burrows (C8)
☐ Drift Deposits (B3)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)
☐ Algal Mat or Crust (B4)	☐ Recent Iron Reduction in Tilled Soils (C6)	☐ Stunted or Stressed Plants (D1)
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ Shallow Aquitard (D3)
☐ Sparsely Vegetated Concave Surface (B8)		☐ Microtopographic Relief (D4)
		☐ FAC-Neutral Test (D5)

Field Observations:		Wetland Hydrology Present? Yes _____ No ☒
Surface Water Present? Yes _____ No ☒ Depth (inches): _____		
Water Table Present? Yes _____ No ☒ Depth (inches): _____		
Saturation Present? (includes capillary fringe) Yes _____ No ☒ Depth (inches): _____		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: No wetland hydrology indicators observed.		

VEGETATION – Use scientific names of plants.

Sampling Point: P11

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.00</u> (A/B)														
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>0</u> = Total Cover				Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th style="width: 50%;">Total % Cover of:</th> <th style="width: 50%;">Multiply by:</th> </tr> <tr> <td>OBL species <u>0.00</u></td> <td>x 1 = <u>0.00</u></td> </tr> <tr> <td>FACW species <u>0.00</u></td> <td>x 2 = <u>0.00</u></td> </tr> <tr> <td>FAC species <u>5.00</u></td> <td>x 3 = <u>15.00</u></td> </tr> <tr> <td>FACU species <u>25.00</u></td> <td>x 4 = <u>100.00</u></td> </tr> <tr> <td>UPL species <u>0.00</u></td> <td>x 5 = <u>0.00</u></td> </tr> <tr> <td>Column Totals: <u>30.00</u> (A)</td> <td><u>115.00</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>3.83</u>	Total % Cover of:	Multiply by:	OBL species <u>0.00</u>	x 1 = <u>0.00</u>	FACW species <u>0.00</u>	x 2 = <u>0.00</u>	FAC species <u>5.00</u>	x 3 = <u>15.00</u>	FACU species <u>25.00</u>	x 4 = <u>100.00</u>	UPL species <u>0.00</u>	x 5 = <u>0.00</u>	Column Totals: <u>30.00</u> (A)	<u>115.00</u> (B)
Total % Cover of:	Multiply by:																	
OBL species <u>0.00</u>	x 1 = <u>0.00</u>																	
FACW species <u>0.00</u>	x 2 = <u>0.00</u>																	
FAC species <u>5.00</u>	x 3 = <u>15.00</u>																	
FACU species <u>25.00</u>	x 4 = <u>100.00</u>																	
UPL species <u>0.00</u>	x 5 = <u>0.00</u>																	
Column Totals: <u>30.00</u> (A)	<u>115.00</u> (B)																	
<u>0</u> = Total Cover																		
Sapling/Shrub Stratum (Plot size: <u>15</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>0</u> = Total Cover				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)														
Herb Stratum (Plot size: <u>5</u>)																		
1. <u>Taraxacum officinale</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>															
2. <u>Plantago major</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>															
3. <u>Persicaria maculosa</u>	<u>5</u>	<u>N</u>	<u>FAC</u>															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
8. _____	_____	_____	_____															
9. _____	_____	_____	_____															
10. _____	_____	_____	_____															
11. _____	_____	_____	_____															
12. _____	_____	_____	_____															
<u>30.0</u> = Total Cover				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.														
Woody Vine Stratum (Plot size: <u>30</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
<u>0</u> = Total Cover																		
Remarks: (Include photo numbers here or on a separate sheet.) No crops present. Weeds abundant.																		

Sampling Point: P11

[illegible]²Location: PL=Pore Lining, M=Matrix.

Indicators for Problematic Hydric Soils³:

- | | | |
|--|---|---|
| ☐ Histosol (A1) | ☐ Polyvalue Below Surface (S8) (LRR R, MLRA 149B) | ☐ 2 cm Muck (A10) (LRR K, L, MLRA 149B) |
| ☐ Histic Epipedon (A2) | ☐ MLRA 149B | ☐ Coast Prairie Redox (A16) (LRR K, L, R) |
| ☐ Black Histic (A3) | ☐ Thin Dark Surface (S9) (LRR R, MLRA 149B) | ☐ 5 cm Mucky Peat or Peat (S3) (LRR K, L, R) |
| ☐ Hydrogen Sulfide (A4) | ☐ Loamy Mucky Mineral (F1) (LRR K, L) | ☐ Dark Surface (S7) (LRR K, L) |
| ☐ Stratified Layers (A5) | ☐ Loamy Gleyed Matrix (F2) | ☐ Polyvalue Below Surface (S8) (LRR K, L) |
| ☐ Depleted Below Dark Surface (A11) | ☐ Depleted Matrix (F3) | ☐ Thin Dark Surface (S9) (LRR K, L) |
| ☐ Thick Dark Surface (A12) | ☐ Redox Dark Surface (F6) | ☐ Iron-Manganese Masses (F12) (LRR K, L, R) |
| ☐ Sandy Mucky Mineral (S1) | ☐ Depleted Dark Surface (F7) | ☐ Piedmont Floodplain Soils (F19) (MLRA 149B) |
| ☐ Sandy Gleyed Matrix (S4) | ☐ Redox Depressions (F8) | ☐ Mesic Spodic (TA6) (MLRA 144A, 145, 149B) |
| ☐ Sandy Redox (S5) | | ☐ Red Parent Material (F21) |
| ☐ Stripped Matrix (S6) | | ☐ Very Shallow Dark Surface (TF12) |
| ☐ Dark Surface (S7) (LRR R, MLRA 149B) | | ☐ Other (Explain in Remarks) |

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Type: _____

Depth (inches): _____

Hydric Soil Present?	Yes	No	✓
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Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 50-Acre Parcel City/County: Ozaukee County Sampling Date: 2024-05-15
 Applicant/Owner: Gregory T. Sommersberger State: Wisconsin Sampling Point: P12
 Investigator(s): Matt Stangel Section, Township, Range: sec 09 T010N R022E
 Landform (hillslope, terrace, etc.): Shoulder Local relief (concave, convex, none): Convex Slope (%): 16-25
 Subregion (LRR or MLRA): LRR L, MLRA 95 Lat: 43.343768 Long: -87.887459 Datum: WGS84
 Soil Map Unit Name: Kewaunee silty clay, 12 to 20 percent slopes, severely eroded 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.)
 Sample point located in an upland meadow on edge of shrub thicket. APT analysis indicates climatic conditions are wetter than normal for the time of year.

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
☐ Surface Water (A1)	☐ Water-Stained Leaves (B9)	☐ Surface Soil Cracks (B6)
☐ High Water Table (A2)	☐ Aquatic Fauna (B13)	☐ Drainage Patterns (B10)
☐ Saturation (A3)	☐ Marl Deposits (B15)	☐ Moss Trim Lines (B16)
☐ Water Marks (B1)	☐ Hydrogen Sulfide Odor (C1)	☐ Dry-Season Water Table (C2)
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	☐ Crayfish Burrows (C8)
☐ Drift Deposits (B3)	☐ Presence of Reduced Iron (C4)	☐ Saturation Visible on Aerial Imagery (C9)
☐ Algal Mat or Crust (B4)	☐ Recent Iron Reduction in Tilled Soils (C6)	☐ Stunted or Stressed Plants (D1)
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Geomorphic Position (D2)
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ Shallow Aquitard (D3)
☐ Sparsely Vegetated Concave Surface (B8)		☐ Microtopographic Relief (D4)
		☐ FAC-Neutral Test (D5)

Field Observations:	Wetland Hydrology Present? Yes ☐ No ☒
Surface Water Present? Yes ☐ No ☒ Depth (inches): _____	
Water Table Present? Yes ☐ No ☒ Depth (inches): _____	
Saturation Present? (includes capillary fringe) Yes ☐ No ☒ Depth (inches): _____	

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:
 No wetland hydrology indicators observed.

VEGETATION – Use scientific names of plants.

Sampling Point: P12

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
	<u>0</u> = Total Cover		

Sapling/Shrub Stratum (Plot size: <u>15</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Lonicera X bella</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>
2. <u>Rosa multiflora</u>	<u>15</u>	<u>Y</u>	<u>FACU</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
	<u>45.0</u> = Total Cover		

Herb Stratum (Plot size: <u>5</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Bromus inermis</u>	<u>40</u>	<u>Y</u>	<u>UPL</u>
2. <u>Cirsium arvense</u>	<u>30</u>	<u>Y</u>	<u>FACU</u>
3. <u>Arctium minus</u>	<u>10</u>	<u>N</u>	<u>FACU</u>
4. <u>Hesperis matronalis</u>	<u>10</u>	<u>N</u>	<u>FACU</u>
5. <u>Taraxacum officinale</u>	<u>5</u>	<u>N</u>	<u>FACU</u>
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____
	<u>95.0</u> = Total Cover		

Woody Vine Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
	<u>0</u> = Total Cover		

Remarks: (Include photo numbers here or on a separate sheet.)
Dead Fraxinus pennsylvanica in tree stratum

Dominance Test worksheet:Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)Total Number of Dominant Species Across All Strata: 4 (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 <u>0.00</u>	x 1 = <u>0.00</u>
FACW species <u>0.00</u>	x 2 = <u>0.00</u>
FAC species <u>0.00</u>	x 3 = <u>0.00</u>
FACU species <u>100.00</u>	x 4 = <u>400.00</u>
UPL species <u>40.00</u>	x 5 = <u>200.00</u>
Column Totals: <u>140.00</u> (A)	<u>600.00</u> (B)

Prevalence Index = B/A = 4.29**Hydrophytic Vegetation Indicators:**

- ☐ 1 - Rapid Test for Hydrophytic Vegetation
☐ 2 - Dominance Test is >50%
☐ 3 - Prevalence Index is ≤3.0¹
☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators 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 ✓

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- | | |
|--|---|
| ___ Histosol (A1) | ___ Polyvalue Below Surface (S8) (LRR R, |
| ___ Histic Epipedon (A2) | MLRA 149B) |
| ___ Black Histic (A3) | ___ Thin Dark Surface (S9) (LRR R, MLRA 149B) |
| ___ Hydrogen Sulfide (A4) | ___ Loamy Mucky Mineral (F1) (LRR K, L) |
| ___ Stratified Layers (A5) | ___ Loamy Gleyed Matrix (F2) |
| ___ Depleted Below Dark Surface (A11) | ___ Depleted Matrix (F3) |
| ___ Thick Dark Surface (A12) | ___ Redox Dark Surface (F6) |
| ___ Sandy Mucky Mineral (S1) | ___ Depleted Dark Surface (F7) |
| ___ Sandy Gleyed Matrix (S4) | ___ Redox Depressions (F8) |
| ___ Sandy Redox (S5) | |
| ___ Stripped Matrix (S6) | |
| ___ Dark Surface (S7) (LRR R, MLRA 149B) | |

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L**)
☐ 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**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators 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	✓
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Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 50-Acre Parcel City/County: Ozaukee County Sampling Date: 2024-05-15
 Applicant/Owner: Gregory T. Sommersberger State: Wisconsin Sampling Point: P13
 Investigator(s): Matt Stangel Section, Township, Range: sec 09 T010N R022E
 Landform (hillslope, terrace, etc.): Depression Local relief (concave, convex, none): Concave Slope (%): 0-2
 Subregion (LRR or MLRA): LRR L, MLRA 95 Lat: 43.342822 Long: -87.889734 Datum: WGS84
 Soil Map Unit Name: Kewaunee silt loam, 2 to 6 percent slopes, eroded 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.)
 Sample point located in a farmed wet meadow. Normal circumstances not present and vegetation significantly disturbed due to agricultural activities. APT analysis indicates climatic conditions are wetter than normal for the time of year.

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
☒ Surface Water (A1)	☐ Water-Stained Leaves (B9)	☐ Surface Soil Cracks (B6)
☒ High Water Table (A2)	☐ Aquatic Fauna (B13)	☐ Drainage Patterns (B10)
☒ Saturation (A3)	☐ Marl Deposits (B15)	☐ Moss Trim Lines (B16)
☐ Water Marks (B1)	☐ Hydrogen Sulfide Odor (C1)	☐ Dry-Season Water Table (C2)
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	☒ Crayfish Burrows (C8)
☐ Drift Deposits (B3)	☐ Presence of Reduced Iron (C4)	☒ Saturation Visible on Aerial Imagery (C9)
☐ Algal Mat or Crust (B4)	☐ Recent Iron Reduction in Tilled Soils (C6)	☒ Stunted or Stressed Plants (D1)
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☒ Geomorphic Position (D2)
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ Shallow Aquitard (D3)
☐ Sparsely Vegetated Concave Surface (B8)		☐ Microtopographic Relief (D4)
		☒ FAC-Neutral Test (D5)
Field Observations:		
Surface Water Present? Yes ☒ No ☐ Depth (inches): <u>5</u>	Wetland Hydrology Present? Yes ☒ No ☐	
Water Table Present? Yes ☒ No ☐ Depth (inches): <u>0</u>		
Saturation Present? (includes capillary fringe) Yes ☒ No ☐ Depth (inches): <u>0</u>		
Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
OSA Review Area 2		
Remarks: D1 indicator derived from OSA; no crops planted at time of sampling.		

VEGETATION – Use scientific names of plants.

Sampling Point: P13

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100.00</u> (A/B)														
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>0</u> = Total Cover				Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th style="width: 50%;">Total % Cover of:</th> <th style="width: 50%;">Multiply by:</th> </tr> <tr> <td>OBL species <u>0.00</u></td> <td>x 1 = <u>0.00</u></td> </tr> <tr> <td>FACW species <u>5.00</u></td> <td>x 2 = <u>10.00</u></td> </tr> <tr> <td>FAC species <u>0.00</u></td> <td>x 3 = <u>0.00</u></td> </tr> <tr> <td>FACU species <u>0.00</u></td> <td>x 4 = <u>0.00</u></td> </tr> <tr> <td>UPL species <u>0.00</u></td> <td>x 5 = <u>0.00</u></td> </tr> <tr> <td>Column Totals: <u>5.00</u> (A)</td> <td><u>10.00</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>2.0</u>	Total % Cover of:	Multiply by:	OBL species <u>0.00</u>	x 1 = <u>0.00</u>	FACW species <u>5.00</u>	x 2 = <u>10.00</u>	FAC species <u>0.00</u>	x 3 = <u>0.00</u>	FACU species <u>0.00</u>	x 4 = <u>0.00</u>	UPL species <u>0.00</u>	x 5 = <u>0.00</u>	Column Totals: <u>5.00</u> (A)	<u>10.00</u> (B)
Total % Cover of:	Multiply by:																	
OBL species <u>0.00</u>	x 1 = <u>0.00</u>																	
FACW species <u>5.00</u>	x 2 = <u>10.00</u>																	
FAC species <u>0.00</u>	x 3 = <u>0.00</u>																	
FACU species <u>0.00</u>	x 4 = <u>0.00</u>																	
UPL species <u>0.00</u>	x 5 = <u>0.00</u>																	
Column Totals: <u>5.00</u> (A)	<u>10.00</u> (B)																	
Sapling/Shrub Stratum (Plot size: <u>15</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>0</u> = Total Cover																		
Herb Stratum (Plot size: <u>5</u>)																		
1. <u>Phalaris arundinacea</u>	<u>5</u>	<u>Y</u>	<u>FACW</u>	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.														
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
8. _____	_____	_____	_____															
9. _____	_____	_____	_____															
10. _____	_____	_____	_____															
11. _____	_____	_____	_____															
12. _____	_____	_____	_____															
<u>5.0</u> = Total Cover																		
Woody Vine Stratum (Plot size: <u>30</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
<u>0</u> = Total Cover																		
Remarks: (Include photo numbers here or on a separate sheet.) No crops present. Weeds sparse/drowned out within wetland area.																		

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- | | |
|---|--|
| ☐ Histosol (A1) | ☐ Polyvalue Below Surface (S8) (LRR R, |
| ☐ Histic Epipedon (A2) | MLRA 149B) |
| ☐ Black Histic (A3) | ☐ Thin Dark Surface (S9) (LRR R, MLRA 149B) |
| ☐ Hydrogen Sulfide (A4) | ☐ Loamy Mucky Mineral (F1) (LRR K, L) |
| ☐ Stratified Layers (A5) | ☐ Loamy Gleyed Matrix (F2) |
| ☐ Depleted Below Dark Surface (A11) | ☐ Depleted Matrix (F3) |
| ☐ Thick Dark Surface (A12) | ☒ Redox Dark Surface (F6) |
| ☐ Sandy Mucky Mineral (S1) | ☐ Depleted Dark Surface (F7) |
| ☐ Sandy Gleyed Matrix (S4) | ☐ Redox Depressions (F8) |
| ☐ Sandy Redox (S5) | |
| ☐ Stripped Matrix (S6) | |
| ☐ Dark Surface (S7) (LRR R, MLRA 149B) | |

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L**)
☐ 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**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators 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
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Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 50-Acre Parcel City/County: Ozaukee County Sampling Date: 2024-05-15
 Applicant/Owner: Gregory T. Sommersberger State: Wisconsin Sampling Point: P14
 Investigator(s): Matt Stangel Section, Township, Range: sec 09 T010N R022E
 Landform (hillslope, terrace, etc.): Backslope Local relief (concave, convex, none): None Slope (%): 0-2
 Subregion (LRR or MLRA): LRR L, MLRA 95 Lat: 43.343119 Long: -87.889704 Datum: WGS84
 Soil Map Unit Name: Kewaunee silt loam, 2 to 6 percent slopes, eroded 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.)

Sample point located in an upland agricultural field. Normal circumstances not present and vegetation significantly disturbed due to agricultural activities. APT analysis indicates climatic conditions are wetter than normal for the time of year.

HYDROLOGY

Wetland Hydrology Indicators: Primary Indicators (minimum of one is required; check all that apply) ☐ Surface Water (A1) ☐ Water-Stained Leaves (B9) ☐ High Water Table (A2) ☐ Aquatic Fauna (B13) ☐ Saturation (A3) ☐ Marl Deposits (B15) ☐ Water Marks (B1) ☐ Hydrogen Sulfide Odor (C1) ☐ Sediment Deposits (B2) ☐ Oxidized Rhizospheres on Living Roots (C3) ☐ Drift Deposits (B3) ☐ Presence of Reduced Iron (C4) ☐ Algal Mat or Crust (B4) ☐ Recent Iron Reduction in Tilled Soils (C6) ☐ Iron Deposits (B5) ☐ Thin Muck Surface (C7) ☐ Inundation Visible on Aerial Imagery (B7) ☐ Other (Explain in Remarks) ☐ Sparsely Vegetated Concave Surface (B8)		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: No wetland hydrology indicators observed.		

VEGETATION – Use scientific names of plants.

Sampling Point: P14

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>2</u> (A) Total Number of Dominant Species Across All Strata: <u>3</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>66.67</u> (A/B)														
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>0</u> = Total Cover				Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th style="width: 50%;">Total % Cover of:</th> <th style="width: 50%;">Multiply by:</th> </tr> <tr> <td>OBL species <u>0.00</u></td> <td>x 1 = <u>0.00</u></td> </tr> <tr> <td>FACW species <u>0.00</u></td> <td>x 2 = <u>0.00</u></td> </tr> <tr> <td>FAC species <u>15.00</u></td> <td>x 3 = <u>45.00</u></td> </tr> <tr> <td>FACU species <u>2.00</u></td> <td>x 4 = <u>8.00</u></td> </tr> <tr> <td>UPL species <u>5.00</u></td> <td>x 5 = <u>25.00</u></td> </tr> <tr> <td>Column Totals: <u>22.00</u> (A)</td> <td><u>78.00</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>3.55</u>	Total % Cover of:	Multiply by:	OBL species <u>0.00</u>	x 1 = <u>0.00</u>	FACW species <u>0.00</u>	x 2 = <u>0.00</u>	FAC species <u>15.00</u>	x 3 = <u>45.00</u>	FACU species <u>2.00</u>	x 4 = <u>8.00</u>	UPL species <u>5.00</u>	x 5 = <u>25.00</u>	Column Totals: <u>22.00</u> (A)	<u>78.00</u> (B)
Total % Cover of:	Multiply by:																	
OBL species <u>0.00</u>	x 1 = <u>0.00</u>																	
FACW species <u>0.00</u>	x 2 = <u>0.00</u>																	
FAC species <u>15.00</u>	x 3 = <u>45.00</u>																	
FACU species <u>2.00</u>	x 4 = <u>8.00</u>																	
UPL species <u>5.00</u>	x 5 = <u>25.00</u>																	
Column Totals: <u>22.00</u> (A)	<u>78.00</u> (B)																	
Sapling/Shrub Stratum (Plot size: <u>15</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>0</u> = Total Cover																		
Herb Stratum (Plot size: <u>5</u>)																		
1. <u>Persicaria maculosa</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>	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.														
2. <u>Thlaspi arvense</u>	<u>5</u>	<u>Y</u>	<u>UPL</u>															
3. <u>Rumex crispus</u>	<u>5</u>	<u>Y</u>	<u>FAC</u>															
4. <u>Taraxacum officinale</u>	<u>2</u>	<u>N</u>	<u>FACU</u>															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
8. _____	_____	_____	_____															
9. _____	_____	_____	_____															
10. _____	_____	_____	_____															
11. _____	_____	_____	_____															
12. _____	_____	_____	_____															
<u>22.0</u> = Total Cover																		
Woody Vine Stratum (Plot size: <u>30</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
<u>0</u> = Total Cover																		
Remarks: (Include photo numbers here or on a separate sheet.) No crops present. Weeds abundant.																		

SOIL

Sampling Point: P14

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- | | |
|--|---|
| ___ Histosol (A1) | ___ Polyvalue Below Surface (S8) (LRR R, |
| ___ Histic Epipedon (A2) | MLRA 149B) |
| ___ Black Histic (A3) | ___ Thin Dark Surface (S9) (LRR R, MLRA 149B) |
| ___ Hydrogen Sulfide (A4) | ___ Loamy Mucky Mineral (F1) (LRR K, L) |
| ___ Stratified Layers (A5) | ___ Loamy Gleyed Matrix (F2) |
| ___ Depleted Below Dark Surface (A11) | ___ Depleted Matrix (F3) |
| ___ Thick Dark Surface (A12) | ___ Redox Dark Surface (F6) |
| ___ Sandy Mucky Mineral (S1) | ___ Depleted Dark Surface (F7) |
| ___ Sandy Gleyed Matrix (S4) | ___ Redox Depressions (F8) |
| ___ Sandy Redox (S5) | |
| ___ Stripped Matrix (S6) | |
| ___ Dark Surface (S7) (LRR R, MLRA 149B) | |

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L**)
☐ 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**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators 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	✓
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Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 50-Acre Parcel City/County: Ozaukee County Sampling Date: 2024-05-15
 Applicant/Owner: Gregory T. Sommersberger State: Wisconsin Sampling Point: P15
 Investigator(s): Matt Stangel Section, Township, Range: sec 09 T010N R022E
 Landform (hillslope, terrace, etc.): Footslope Local relief (concave, convex, none): Concave Slope (%): 0-2
 Subregion (LRR or MLRA): LRR L, MLRA 95 Lat: 43.342864 Long: -87.889247 Datum: WGS84
 Soil Map Unit Name: Kewaunee silt loam, 2 to 6 percent slopes, eroded 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.)

Sample point located in an upland agricultural field. Normal circumstances not present and vegetation significantly disturbed due to agricultural activities. APT analysis indicates climatic conditions are wetter than normal for the time of year.

HYDROLOGY

Wetland Hydrology Indicators:		Secondary Indicators (minimum of two required)
Primary Indicators (minimum of one is required; check all that apply)		
☐ Surface Water (A1)	☐ Water-Stained Leaves (B9)	☐ Surface Soil Cracks (B6)
☐ High Water Table (A2)	☐ Aquatic Fauna (B13)	☐ Drainage Patterns (B10)
☐ Saturation (A3)	☐ Marl Deposits (B15)	☐ Moss Trim Lines (B16)
☐ Water Marks (B1)	☐ Hydrogen Sulfide Odor (C1)	☐ Dry-Season Water Table (C2)
☐ Sediment Deposits (B2)	☐ Oxidized Rhizospheres on Living Roots (C3)	☒ Saturation Visible on Aerial Imagery (C9)
☐ Drift Deposits (B3)	☐ Presence of Reduced Iron (C4)	☒ Stunted or Stressed Plants (D1)
☐ Algal Mat or Crust (B4)	☐ Recent Iron Reduction in Tilled Soils (C6)	☐ Geomorphic Position (D2)
☐ Iron Deposits (B5)	☐ Thin Muck Surface (C7)	☐ Shallow Aquitard (D3)
☐ Inundation Visible on Aerial Imagery (B7)	☐ Other (Explain in Remarks)	☐ Microtopographic Relief (D4)
☐ Sparsely Vegetated Concave Surface (B8)		☐ 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 ☐
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Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

OSA Review Area 3

Remarks:

Surface moisture due to recent rainfall. No saturation or water table observed. D1 indicator derived from OSA; no crops planted at time of sampling.

VEGETATION – Use scientific names of plants.

Sampling Point: P15

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status															
1. _____	_____	_____	_____	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>0</u> (A) Total Number of Dominant Species Across All Strata: <u>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>0.00</u> (A/B)														
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>0</u> = Total Cover				Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th style="width: 50%;">Total % Cover of:</th> <th style="width: 50%;">Multiply by:</th> </tr> <tr> <td>OBL species <u>0.00</u></td> <td>x 1 = <u>0.00</u></td> </tr> <tr> <td>FACW species <u>0.00</u></td> <td>x 2 = <u>0.00</u></td> </tr> <tr> <td>FAC species <u>0.00</u></td> <td>x 3 = <u>0.00</u></td> </tr> <tr> <td>FACU species <u>10.00</u></td> <td>x 4 = <u>40.00</u></td> </tr> <tr> <td>UPL species <u>10.00</u></td> <td>x 5 = <u>50.00</u></td> </tr> <tr> <td>Column Totals: <u>20.00</u> (A)</td> <td><u>90.00</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>4.5</u>	Total % Cover of:	Multiply by:	OBL species <u>0.00</u>	x 1 = <u>0.00</u>	FACW species <u>0.00</u>	x 2 = <u>0.00</u>	FAC species <u>0.00</u>	x 3 = <u>0.00</u>	FACU species <u>10.00</u>	x 4 = <u>40.00</u>	UPL species <u>10.00</u>	x 5 = <u>50.00</u>	Column Totals: <u>20.00</u> (A)	<u>90.00</u> (B)
Total % Cover of:	Multiply by:																	
OBL species <u>0.00</u>	x 1 = <u>0.00</u>																	
FACW species <u>0.00</u>	x 2 = <u>0.00</u>																	
FAC species <u>0.00</u>	x 3 = <u>0.00</u>																	
FACU species <u>10.00</u>	x 4 = <u>40.00</u>																	
UPL species <u>10.00</u>	x 5 = <u>50.00</u>																	
Column Totals: <u>20.00</u> (A)	<u>90.00</u> (B)																	
Sapling/Shrub Stratum (Plot size: <u>15</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>0</u> = Total Cover																		
Herb Stratum (Plot size: <u>5</u>)																		
1. <u>Plantago major</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>	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.														
2. <u>Thlaspi arvense</u>	<u>10</u>	<u>Y</u>	<u>UPL</u>															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
8. _____	_____	_____	_____															
9. _____	_____	_____	_____															
10. _____	_____	_____	_____															
11. _____	_____	_____	_____															
12. _____	_____	_____	_____															
<u>20.0</u> = Total Cover																		
Woody Vine Stratum (Plot size: <u>30</u>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
<u>0</u> = Total Cover																		
Remarks: (Include photo numbers here or on a separate sheet.) No crops present. Weeds abundant.				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 <u>✓</u>														

SOIL

Sampling Point: P15

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- | | |
|--|---|
| ___ Histosol (A1) | ___ Polyvalue Below Surface (S8) (LRR R, |
| ___ Histic Epipedon (A2) | MLRA 149B) |
| ___ Black Histic (A3) | ___ Thin Dark Surface (S9) (LRR R, MLRA 149B) |
| ___ Hydrogen Sulfide (A4) | ___ Loamy Mucky Mineral (F1) (LRR K, L) |
| ___ Stratified Layers (A5) | ___ Loamy Gleyed Matrix (F2) |
| ___ Depleted Below Dark Surface (A11) | ___ Depleted Matrix (F3) |
| ___ Thick Dark Surface (A12) | ___ Redox Dark Surface (F6) |
| ___ Sandy Mucky Mineral (S1) | ___ Depleted Dark Surface (F7) |
| ___ Sandy Gleyed Matrix (S4) | ___ Redox Depressions (F8) |
| ___ Sandy Redox (S5) | |
| ___ Stripped Matrix (S6) | |
| ___ Dark Surface (S7) (LRR R, MLRA 149B) | |

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L**)
☐ 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**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators 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	✓
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Remarks:

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: 50-Acre Parcel City/County: Ozaukee County Sampling Date: 2024-05-10
 Applicant/Owner: Gregory T. Sommersberger State: Wisconsin Sampling Point: P16
 Investigator(s): Matt Stangel Section, Township, Range: sec 09 T010N R022E
 Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): None Slope (%): 20-60
 Subregion (LRR or MLRA): LRR L, MLRA 95 Lat: 43.345239 Long: -87.886528 Datum: WGS84
 Soil Map Unit Name: Rough broken land 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 ☒
 Hydric Soil Present? Yes ☐ No ☒
 Wetland Hydrology Present? Yes ☐ No ☒

Is the Sampled Area within a Wetland? Yes ☐ No ☒
 If yes, optional Wetland Site ID: _____

Remarks: (Explain alternative procedures here or in a separate report.)

Sample point located in an upland wooded ravine. APT analysis indicates climatic conditions are wetter than normal for the time of year.

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:

No wetland hydrology indicators observed.

VEGETATION – Use scientific names of plants.

Sampling Point: P16

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Tilia americana</u>	<u>40</u>	<u>Y</u>	<u>FACU</u>
2. <u>Robinia pseudoacacia</u>	<u>20</u>	<u>Y</u>	<u>FACU</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>60.0</u> = Total Cover			

Sapling/Shrub Stratum (Plot size: <u>15</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Juglans nigra</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>
2. <u>Lonicera X bella</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>
3. <u>Rhamnus cathartica</u>	<u>5</u>	<u>Y</u>	<u>FAC</u>
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
<u>25.0</u> = Total Cover			

Herb Stratum (Plot size: <u>5</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u>Rhamnus cathartica</u>	<u>10</u>	<u>Y</u>	<u>FAC</u>
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____
<u>10.0</u> = Total Cover			

Woody Vine Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
<u>0</u> = Total Cover			

Remarks: (Include photo numbers here or on a separate sheet.)

Dominance Test worksheet:Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)Total Number of Dominant Species Across All Strata: 6 (B)Percent of Dominant Species That Are OBL, FACW, or FAC: 33.33 (A/B)**Prevalence Index worksheet:**

Total % Cover of:	Multiply by:
OBL species <u>0.00</u>	x 1 = <u>0.00</u>
FACW species <u>0.00</u>	x 2 = <u>0.00</u>
FAC species <u>15.00</u>	x 3 = <u>45.00</u>
FACU species <u>80.00</u>	x 4 = <u>320.00</u>
UPL species <u>0.00</u>	x 5 = <u>0.00</u>
Column Totals: <u>95.00</u> (A)	<u>365.00</u> (B)

Prevalence Index = B/A = 3.84**Hydrophytic Vegetation Indicators:**

- ☐ 1 - Rapid Test for Hydrophytic Vegetation
☐ 2 - Dominance Test is >50%
☐ 3 - Prevalence Index is ≤3.0¹
☐ 4 - Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet)
☐ Problematic Hydrophytic Vegetation¹ (Explain)

¹Indicators 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 ☒

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

[illegible]¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- | | |
|--|---|
| ___ Histosol (A1) | ___ Polyvalue Below Surface (S8) (LRR R, |
| ___ Histic Epipedon (A2) | MLRA 149B) |
| ___ Black Histic (A3) | ___ Thin Dark Surface (S9) (LRR R, MLRA 149B) |
| ___ Hydrogen Sulfide (A4) | ___ Loamy Mucky Mineral (F1) (LRR K, L) |
| ___ Stratified Layers (A5) | ___ Loamy Gleyed Matrix (F2) |
| ___ Depleted Below Dark Surface (A11) | ___ Depleted Matrix (F3) |
| ___ Thick Dark Surface (A12) | ___ Redox Dark Surface (F6) |
| ___ Sandy Mucky Mineral (S1) | ___ Depleted Dark Surface (F7) |
| ___ Sandy Gleyed Matrix (S4) | ___ Redox Depressions (F8) |
| ___ Sandy Redox (S5) | |
| ___ Stripped Matrix (S6) | |
| ___ Dark Surface (S7) (LRR R, MLRA 149B) | |

Indicators for Problematic Hydric Soils³:

- ☐ 2 cm Muck (A10) (**LRR K, L, MLRA 149B**)
☐ Coast Prairie Redox (A16) (**LRR K, L, R**)
☐ 5 cm Mucky Peat or Peat (S3) (**LRR K, L, R**)
☐ Dark Surface (S7) (**LRR K, L**)
☐ 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**)
☐ Mesic Spodic (TA6) (**MLRA 144A, 145, 149B**)
☐ Red Parent Material (F21)
☐ Very Shallow Dark Surface (TF12)
☐ Other (Explain in Remarks)

³Indicators 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:

ASSURED WETLAND DELINEATION REPORT



Gregory T. Sommersberger
50-Acre Parcel
Project #: 20241269
May 20, 2024

Appendix D | Site Photographs



50-Acre Parcel
Gregory T. Sommersberger
Date Photos Taken: 5/15/2024

Assured Wetland Delineation
Ozaukee County, Wisconsin
Heartland Project #: 20241269



Photo #1 Sample point P1



Photo #2 Sample point P1



Photo #3 Sample point P1



Photo #4 Sample point P1



Photo #5 Sample point P2



Photo #6 Sample point P2

Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)



50-Acre Parcel
Gregory T. Sommersberger
Date Photos Taken: 5/15/2024

Assured Wetland Delineation
Ozaukee County, Wisconsin
Heartland Project #: 20241269



Photo #7 Sample point P2

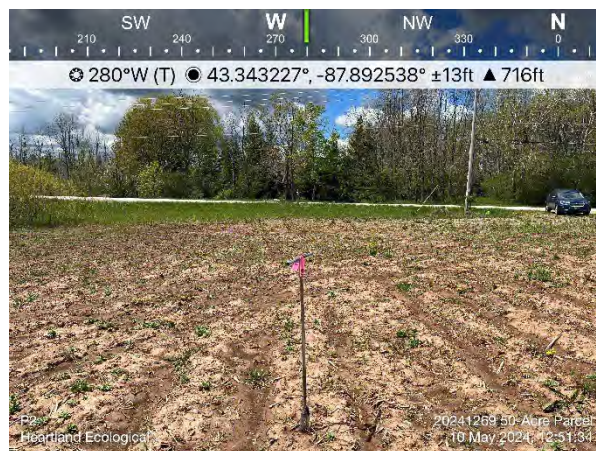


Photo #8 Sample point P2

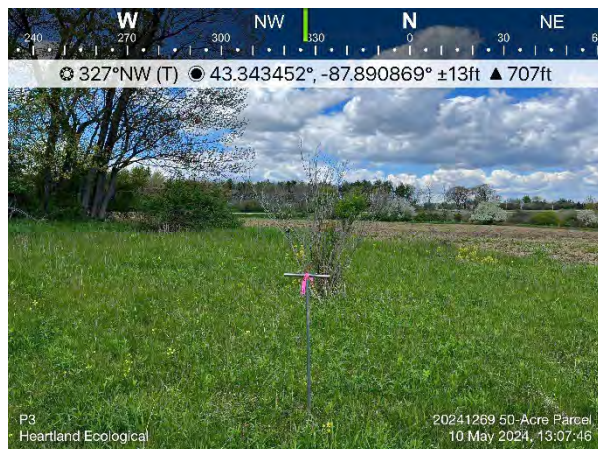


Photo #9 Sample point P3



Photo #10 Sample point P3



Photo #11 Sample point P3



Photo #12 Sample point P3

Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)



50-Acre Parcel
Gregory T. Sommersberger
Date Photos Taken: 5/15/2024

Assured Wetland Delineation
Ozaukee County, Wisconsin
Heartland Project #: 20241269



Photo #13 Sample point P4



Photo #14 Sample point P4



Photo #15 Sample point P4



Photo #16 Sample point P4



Photo #17 Sample point P5



Photo #18 Sample point P5

Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)



50-Acre Parcel
Gregory T. Sommersberger
Date Photos Taken: 5/15/2024

Assured Wetland Delineation
Ozaukee County, Wisconsin
Heartland Project #: 20241269



Photo #19 Sample point P5



Photo #20 Sample point P5



Photo #21 Sample point P6



Photo #22 Sample point P6



Photo #23 Sample point P6



Photo #24 Sample point P6

Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)



50-Acre Parcel
Gregory T. Sommersberger
Date Photos Taken: 5/15/2024

Assured Wetland Delineation
Ozaukee County, Wisconsin
Heartland Project #: 20241269



Photo #25 Sample point P7



Photo #26 Sample point P7



Photo #27 Sample point P7



Photo #28 Sample point P7

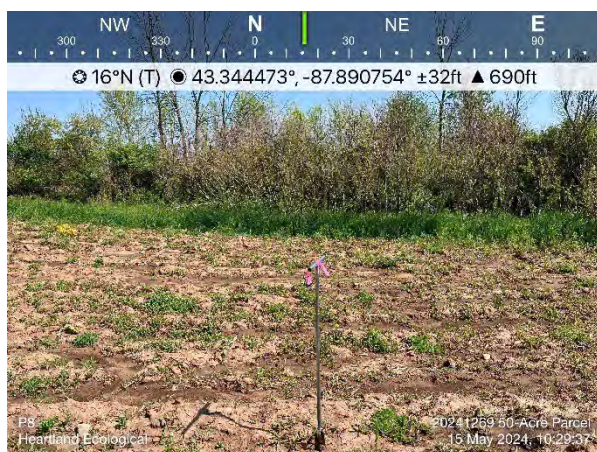


Photo #29 Sample point P8



Photo #30 Sample point P8

Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)



50-Acre Parcel
Gregory T. Sommersberger
Date Photos Taken: 5/15/2024

Assured Wetland Delineation
Ozaukee County, Wisconsin
Heartland Project #: 20241269



Photo #31 Sample point P8

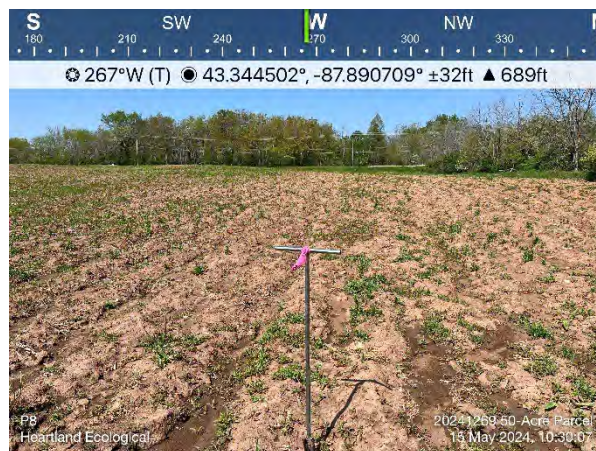


Photo #32 Sample point P8

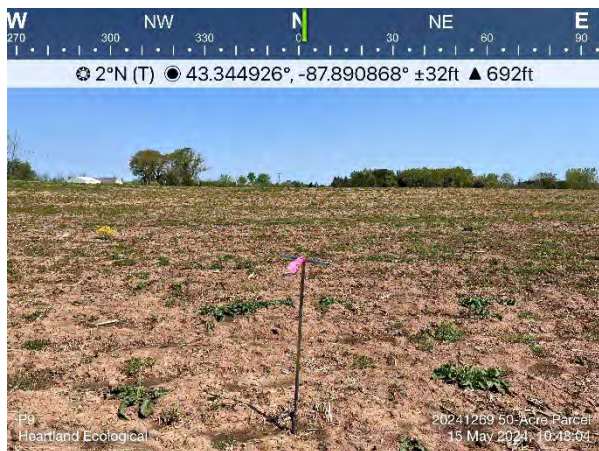


Photo #33 Sample point P9



Photo #34 Sample point P9



Photo #35 Sample point P9



Photo #36 Sample point P9



50-Acre Parcel
Gregory T. Sommersberger
Date Photos Taken: 5/15/2024

Assured Wetland Delineation
Ozaukee County, Wisconsin
Heartland Project #: 20241269



Photo #37 Sample point P10



Photo #38 Sample point P10



Photo #39 Sample point P10



Photo #40 Sample point P10



Photo #41 Sample point P11



Photo #42 Sample point P11

Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)



50-Acre Parcel
Gregory T. Sommersberger
Date Photos Taken: 5/15/2024

Assured Wetland Delineation
Ozaukee County, Wisconsin
Heartland Project #: 20241269



Photo #43 Sample point P11



Photo #44 Sample point P11



Photo #45 Sample point P12



Photo #46 Sample point P12



Photo #47 Sample point P12



Photo #48 Sample point P12

Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)



50-Acre Parcel
Gregory T. Sommersberger
Date Photos Taken: 5/15/2024

Assured Wetland Delineation
Ozaukee County, Wisconsin
Heartland Project #: 20241269



Photo #49 Sample point P13



Photo #50 Sample point P13



Photo #51 Sample point P13



Photo #52 Sample point P13



Photo #53 Sample point P14



Photo #54 Sample point P14

Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)



50-Acre Parcel
Gregory T. Sommersberger
Date Photos Taken: 5/15/2024

Assured Wetland Delineation
Ozaukee County, Wisconsin
Heartland Project #: 20241269



Photo #55 Sample point P14

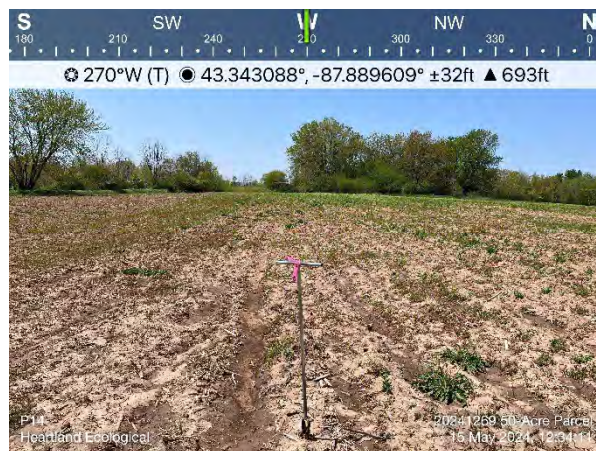


Photo #56 Sample point P14

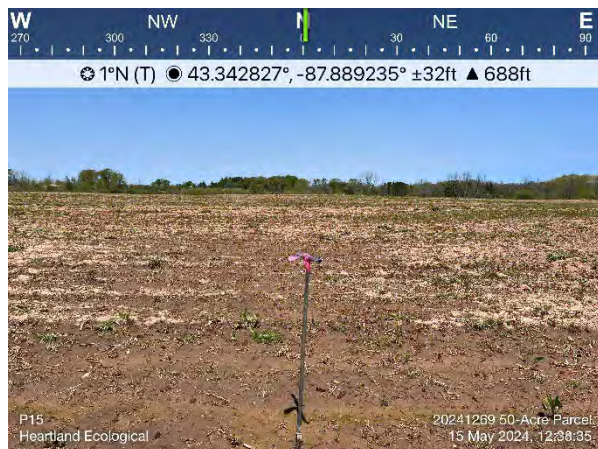


Photo #57 Sample point P15



Photo #58 Sample point P15



Photo #59 Sample point P15

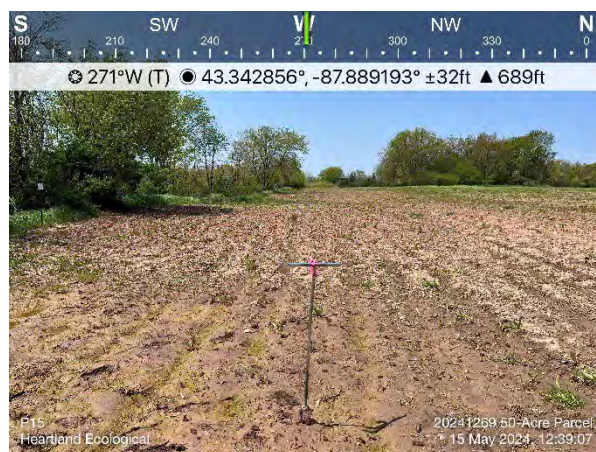


Photo #60 Sample point P15

Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)



50-Acre Parcel
Gregory T. Sommersberger
Date Photos Taken: 5/15/2024

Assured Wetland Delineation
Ozaukee County, Wisconsin
Heartland Project #: 20241269



Photo #61 Sample point P16



Photo #62 Sample point P16



Photo #63 Sample point P16



Photo #64 Sample point P16



Photo #65 WW-1



Photo #66 WW-1

Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)



50-Acre Parcel
Gregory T. Sommersberger
Date Photos Taken: 5/15/2024

Assured Wetland Delineation
Ozaukee County, Wisconsin
Heartland Project #: 20241269



Photo #67 WW-1



Photo #68 WW-1

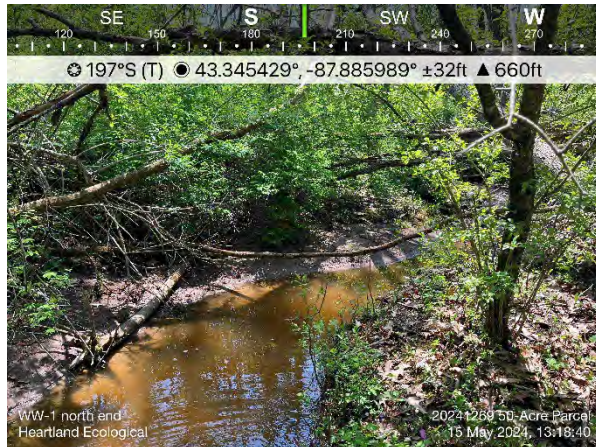


Photo #69 WW-1



Photo #70 WW-1



Photo #71 WW-1



Photo #72 WW-2

Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)



50-Acre Parcel
Gregory T. Sommersberger
Date Photos Taken: 5/15/2024

Assured Wetland Delineation
Ozaukee County, Wisconsin
Heartland Project #: 20241269

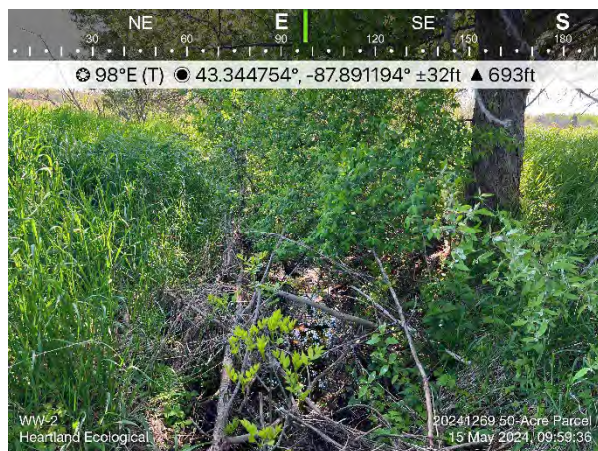


Photo #73 WW-2



Photo #74 WW-2



Photo #75 WW-2



Photo #76 WW-2 steep erosion east of W-3



Photo #77 WW-2 steep erosion east of W-3



Photo #78 WW-2 steep erosion east of W-3

Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)



50-Acre Parcel
Gregory T. Sommersberger
Date Photos Taken: 5/15/2024

Assured Wetland Delineation
Ozaukee County, Wisconsin
Heartland Project #: 20241269



Photo #79 WW-2 steep erosion east of W-3



Photo #80 Upland farm fields; north side of Study Area

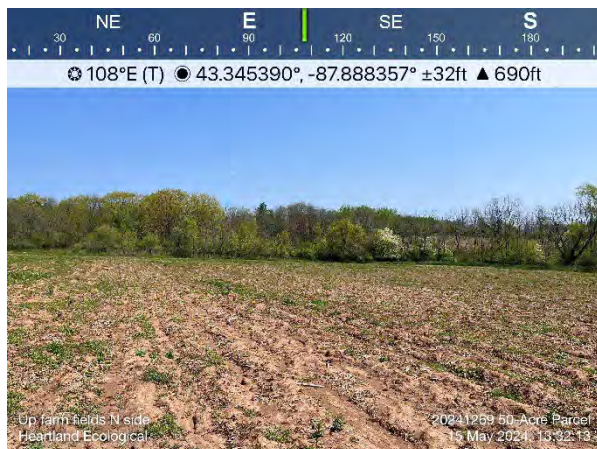


Photo #81 Upland farm fields; north side of Study Area



Photo #82 W-3 boundary

ASSURED WETLAND DELINEATION REPORT



Gregory T. Sommersberger
50-Acre Parcel
Project #: 20241269
May 20, 2024

Appendix E | Delineator Qualifications

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
1027 W St Paul Ave
Milwaukee WI, WI, 53233

Tony Evers, Governor
Adam N. Payne, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



March 22, 2024

Matt Stangel
Heartland Ecological Group, Inc.
243 E Wilbur Ave.
Milwaukee, WI 53207

Subject: 2024 Assured Wetland Delineator Confirmation

Dear Mr. Stangel:

This letter provides Wisconsin Department of Natural Resources (WDNR) confirmation for the wetland delineations you conduct during the 2024 growing season. You and your clients will not need to wait for the WDNR to review your wetland delineations before moving forward with project planning. This will help expedite the review process for WDNR's wetland regulatory program. Your name and contact information is listed on our website at: <http://dnr.wi.gov/topic/wetlands/assurance.html>.

In the instance where a municipality may require a letter of confirmation for your work prior to moving forward in the local regulatory process, this letter shall serve as that confirmation. Although your wetland delineations do not require WDNR field review, inclusion of a Wetland Delineation Report is required for projects needing State authorized wetland, waterway and/or storm water permit approvals.

To comply with Chapter 23.321, State Statutes, please supply the department with a polygon shapefile of the wetland boundaries delineated within the project area. Please do not include data such as parcel boundaries, project limits, wetland graphic representation symbols, etc. If internal upland polygons are found within a wetland polygon, then please label as UPLAND. The shapefile should utilize a State Plane Projection and be overlain onto recent aerial photography. If a different projection system is used, please indicate in which system the data are projected. In the correspondence sent with the shapefile, please supply a brief description of each wetland's plant community (eg: wet meadow, floodplain forest, etc.). Please send these data to Calvin Lawrence (608-266-0756 or email at calvin.lawrence@wisconsin.gov).

If you or any client has a question regarding your status in the Wetland Delineation Professional Assurance Program, contact me by email at kara.brooks@wisconsin.gov or phone at 414-308-6780. Thank you for all your hard work and best wishes for the upcoming field season.

Sincerely,

Kara Brooks
Wetland Identification Coordinator
Bureau of Watershed Management



Matt Stangel Environmental Scientist

243 East Wilbur Avenue, Milwaukee, WI 53207

matt@heartlandecological.com

(920) 419-5634



Matt Stangel holds a B.A. degree in Geography as well as an M.S. in Freshwater Sciences and Technology from the University of Wisconsin – Milwaukee. He has over eight years of professional experience in environmental science including wetland delineation, ecological restoration, natural area management, and environmental sampling and analysis. Matt is proficient with ESRI ArcGIS software and supports Heartland's projects by processing field data and creating map figures. He has completed basic (2017) and advanced (2018) wetland delineation courses through UW-La Crosse and has assisted on hundreds of wetland delineations for public and private clientele. He is an assured wetland delineator and a certified endangered resources reviewer with the DNR, and a Wetland Professional in Training (WPIT) with the Society of Wetland Scientists.

Education

MS, Freshwater Sciences and Technology, University of Wisconsin – Milwaukee, Milwaukee, WI, 2016

BA, Geography (emphasis Environmental Geography), University of Wisconsin – Milwaukee, Milwaukee, WI, 2011

Certifications and Licensing

Assured Wetland Delineator, WDNR, 2022-present

Wetland Professional in Training (WPIT), Society of Wetland Scientists Professional Certification Program, 2020 - present

Certified Endangered Resources Reviewer, WDNR, 2017 - present

Professional Development

Critical Methods in Wetland Delineation, University of Wisconsin - La Crosse Continuing Education and Extension, Madison, WI, 2017 - 2021

Grasses and Sedges Identification and Sampling, University of Wisconsin – Stevens Point, Schmeeckle Reserve, Stevens Point, WI, 2019

Advanced Wetland Delineation, University of Wisconsin - La Crosse, La Crosse, WI, 2018

Basic Wetland Delineation Training, University of Wisconsin – La Crosse, La Crosse, WI, 2017

ASSURED WETLAND DELINEATION REPORT



Gregory T. Sommersberger
50-Acre Parcel
Project #: 20241269
May 20, 2024

Appendix F | NAIP Imagery / Off-Site Analysis



Field data sheet reference (if applicable): _____

TABLE A1

Wetland Hydrology from Aerial Imagery - Recording Form*

Project Name: 50-Acre Parcel Wetlands

Date: 5/17/2024

County: Ozaukee

Investigator: Matt Stangel

Legal Description (T, R, S):

Summary Table

Date Image Taken*	Image Source	Climate Condition (wet, dry, normal)	Image Interpretation(s)				
			See Offsite Analysis Reference Image figure for outlines of Areas 1-4				
			Area: 1	Area: 2	Area 3	Area 4	
June 1993	FSA Slide	Normal	NV/NSS	NV/NSS	NV/NSS	NV/NSS	
June 1994	FSA Slide	Dry	NV/NSS	NV/NSS	NV/NSS	NV/NSS	
May 1995	FSA Slide	Normal	NV/NSS	CS	CS	NV/NSS	
June 1996	FSA Slide	Normal	NV/NSS	CS	CS	NV/NSS	
July 1997	FSA Slide	Normal	NV/NSS	NV/NSS	NV/NSS	NV/NSS	
June 1998	FSA Slide	Normal	NV/NSS	SS	NV/NSS	NV/NSS	
June 1999	FSA Slide	Wet	NV/NSS	SS	NV/NSS	NV/NSS	
July 2000	FSA Slide	Normal	NV/NSS	NV/NSS	NV/NSS	NV/NSS	
June 2001	FSA Slide	Normal	NV/NSS	NV/NSS	NV/NSS	NV/NSS	
July 2002	FSA Slide	Normal	NV/NSS	NV/NSS	NV/NSS	NV/NSS	
2005-06-02	NAIP	Normal	NV/NSS	NV/NSS	NV/NSS	NV/NSS	
2006-06-12	NAIP	Wet	NV/NSS	NV/NSS	NV/NSS	SS	
2008-07-05	NAIP	Normal	NV/NSS	CS	CS	CS, SS	
2010-06-25	NAIP	Wet	NV/NSS	NV/NSS	NV/NSS	NV/NSS	
2013-06-19	NAIP	Wet	NV/NSS	SS	SS	SS	
2015-09-22	NAIP	Wet	NV/NSS	CS	NV/NSS	NC	
2017-07-03	NAIP	Wet	NV/NSS	NV/NSS	NV/NSS	NV/NSS	
2018-09-14	Maxar	Normal	NV/NSS	SS	SS	NV/NSS	
2020-09-02	NAIP	Normal	NV/NSS	DO	DO	NV/NSS	
2022-06-23	NAIP	Normal	NV/NSS	SS	NV/NSS	SS	
Normal Climate Condition			Area: 1	Area: 2	Area 3	Area 4	
Number			13	13	13	13	
Number with wet signatures			0	7	5	2	
Percent with wet signatures			0%	54%	38%	15%	

Key		
WS - Wetland Signature	SS - Soil Wetness Signature	CS - Crop Stress
NC - Not Cropped	AP - Altered Pattern	NV - Normal Vegetative Cover
DO - Drowned Out	SW - Standing Water	NSS - No Soil Wetness Signature
Other labels or comments:		

* Images that were taken after the 20th of their respective month were evaluated under the following month's table to account for otherwise missing precipitation data from the start of the month to the date the image was recorded.

- Use above key to label image interpretations. It is imperative that the reviewer read and understand the guidance associated with the use of these labels. If alternate labels are used, indicate in box above.
- If less than five (5) images taken during normal climate conditions are available, use an equal number of images taken during wet and dry climate conditions and use as many images as you have available. Describe the results using this methodology in your report.

* Source: http://www.bwsr.state.mn.us/wetlands/delineation/Guidance_for_Offsite_Hydrology_and_Wetland_Determinations.pdf





Field data sheet reference (if applicable): _____

Wetland Determination from Aerial Imagery - Recording Form*

Project Name: 50-Acre Parcel Wetlands
Investigator: Matt Stangel

Date: 5/17/2024 County: Ozaukee
Legal Description (T, R, S): _____

Use the decision matrix below to create Table A2

Hydric Soils Present? ¹	Identified on NWI or WWI? ²	Percent with Wet Signatures from TABLE A1	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 are present
Yes	No	>50%	No	Yes
Yes	No	30-50%	Yes	Yes, if other hydrology indicators are 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 are present
No	No	30-50%	Yes	Yes, if other hydrology indicators are 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

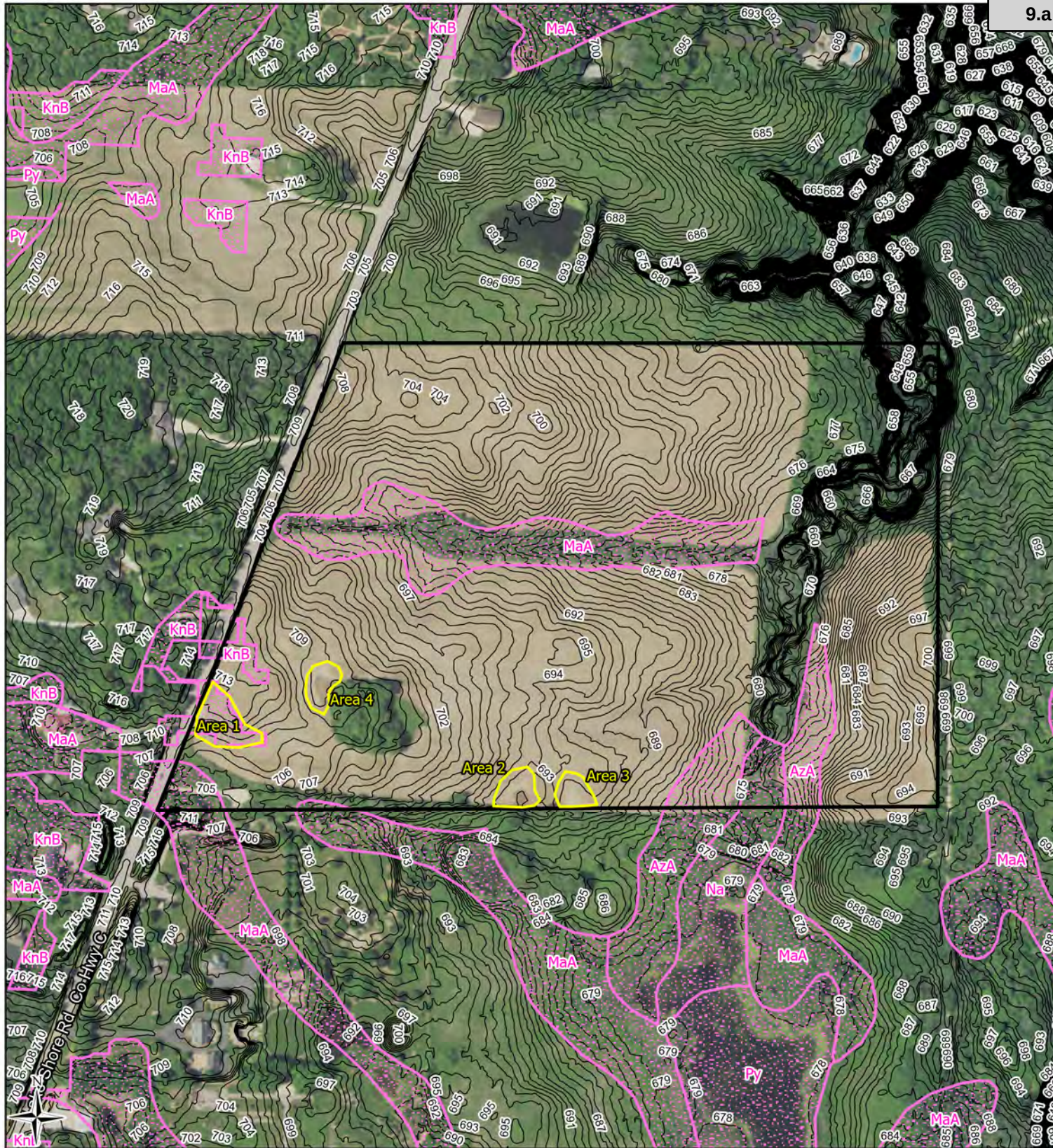
TABLE A2

Area	Hydric Soils Present? ¹	Identified on NWI or WWI?	Percent with Wet Signatures from TABLE A1	Other Hydrology Indicators Present? ¹	Wetland?
1	No	No	0%	No	No
2	Yes	No	54%	Yes	Yes
3	No	No	38%	No	No
4	N/A	No	15%	N/A	No

¹ Answer “N/A” if field verification is not required and was not conducted.

* Source: [http://www.bwsr.state.mn.us/wetlands/delineation/Guidance for Offsite Hydrology and Wetland Determinations.pdf](http://www.bwsr.state.mn.us/wetlands/delineation/Guidance%20for%20Offsite%20Hydrology%20and%20Wetland%20Determinations.pdf)





- Study Area (49.57 ac)
- OSA Review Area
- Ozaukee Co 1' Contours



Heartland
ECOLOGICAL GROUP INC

OSA Review Areas

50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

2022 NAIP
Ozaukee Co

June 1993 Normal



June 1994 Dry



May 1995 Normal



June 1996 Normal



July 1997 Normal



June 1998 Normal



June 1999 Wet



July 2000 Normal

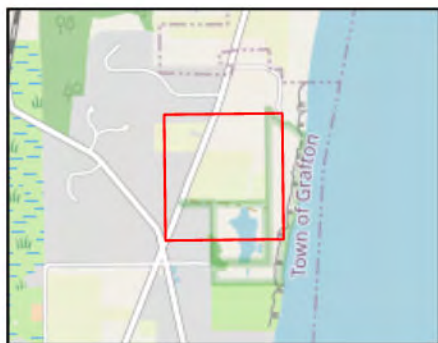
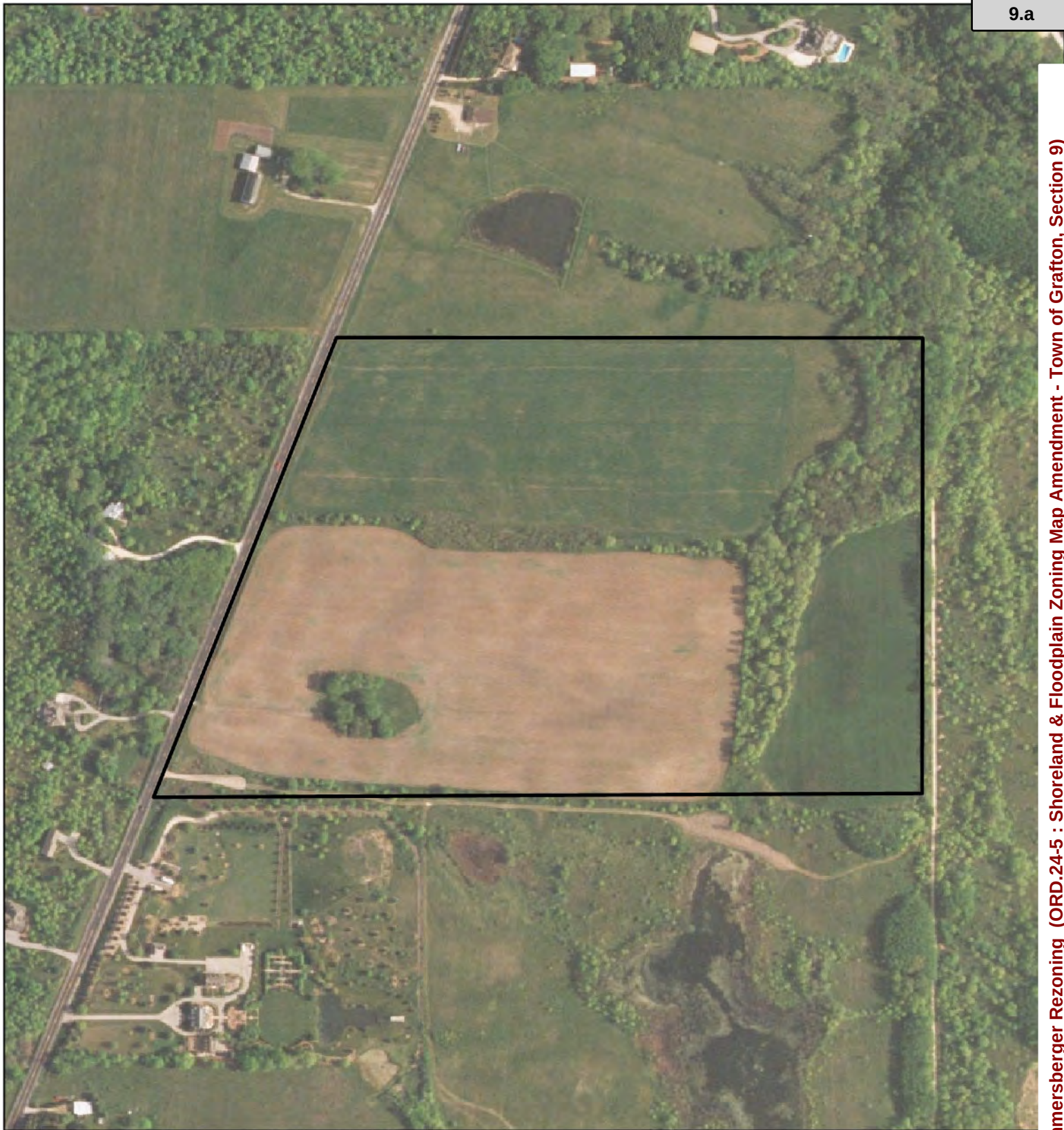


June 2001 Normal



July 2002 Normal





 Study Area (49.57 ac)

0 350
Ft

Heartland
ECOLOGICAL GROUP INC

Appendix: 2005-06-02
NAIP Aerial Imagery

50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

2005 NAIP
USDA



 Study Area (49.57 ac)

0 350
Ft

Heartland
ECOLOGICAL GROUP INC

Appendix: 2006-06-12
NAIP Aerial Imagery
50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

2006 NAIP
USDA



 Study Area (49.57 ac)

0 350
Ft

Heartland
ECOLOGICAL GROUP INC

Appendix: 2008-07-05
NAIP Aerial Imagery

50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

2008 NAIP
USDA



 Study Area (49.57 ac)

0 350
Ft

Heartland
ECOLOGICAL GROUP INC

Appendix: 2010-06-25
NAIP Aerial Imagery
50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

2010 NAIP
USDA



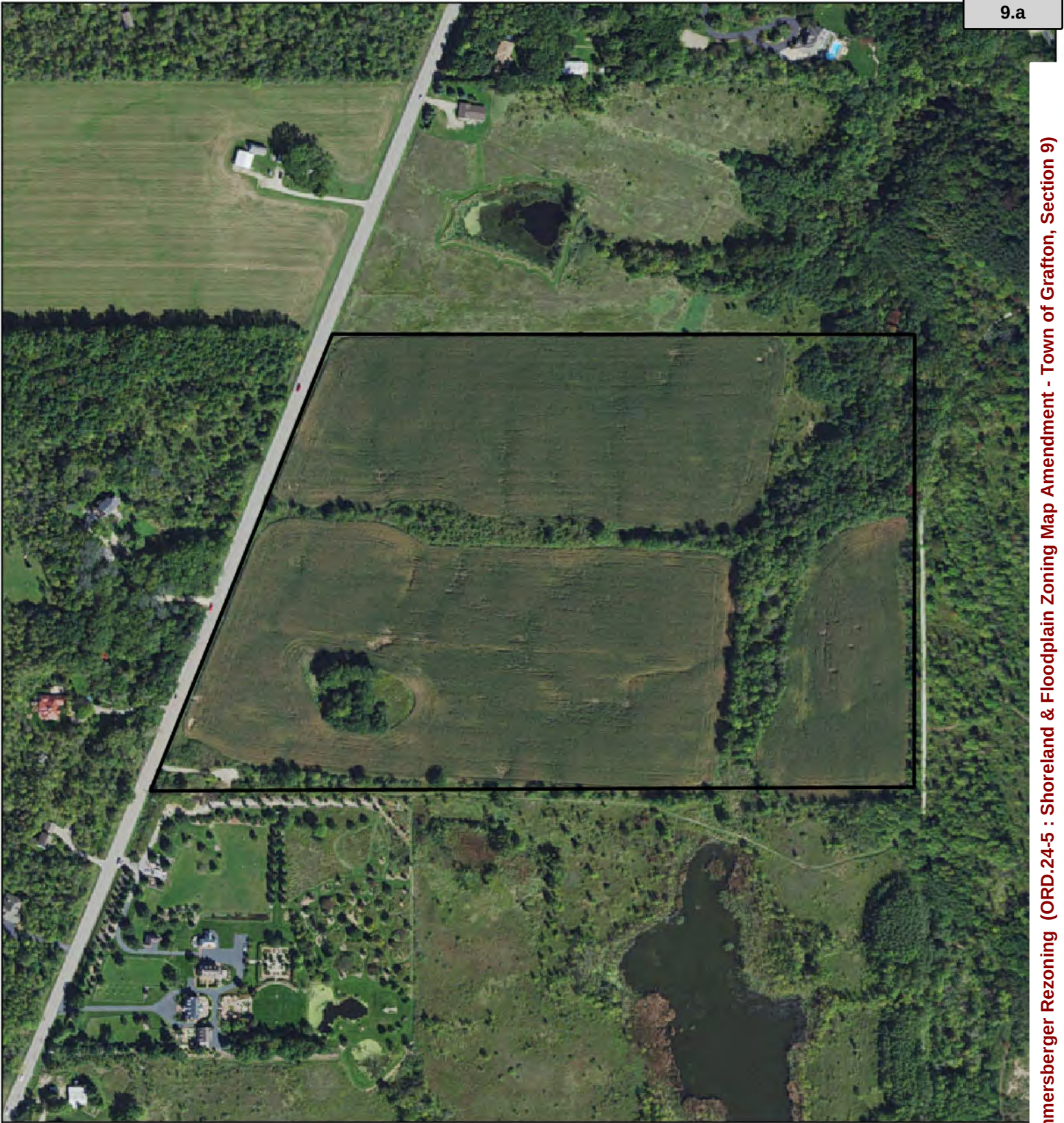
 Study Area (49.57 ac)

0 350
Ft

Heartland
ECOLOGICAL GROUP INC

Appendix: 2013-06-19
NAIP Aerial Imagery
50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

2013 NAIP
USDA



 Study Area (49.57 ac)

0 350
Ft

Heartland
ECOLOGICAL GROUP INC

Appendix: 2015-09-22
NAIP Aerial Imagery
50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

2015 NAIP
USDA



 Study Area (49.57 ac)

0 350
Ft

Heartland
ECOLOGICAL GROUP INC

Appendix: 2017-07-03
NAIP Aerial Imagery
50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

2017 NAIP
USDA



 Study Area (49.57 ac)

0 350
Ft

Heartland
ECOLOGICAL GROUP INC

Appendix: 2018-09-14
NAIP Aerial Imagery
50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

2018 NAIP
USDA



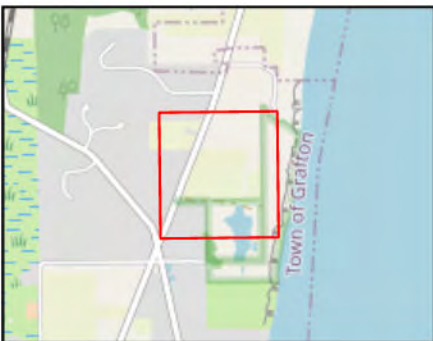
 Study Area (49.57 ac)

0 350
Ft

Heartland
ECOLOGICAL GROUP INC

Appendix: 2020-09-02
NAIP Aerial Imagery
50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

2020 NAIP
USDA



 Study Area (49.57 ac)

0 350
Ft

Heartland
ECOLOGICAL GROUP INC

Appendix: 2022-06-23
NAIP Aerial Imagery
50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
T Grafton, Ozaukee Co

2022 NAIP
USDA

May Analysis

Date	Monthly Rainfall in Inches ¹						Weighted Sum	Relative Wetness
	February	Weighted Precip	March	Weighted Precip	April	Weighted Precip		
May 1995	0.13	1	2.11	4	4.04	6	11	Normal
30% chance less than**	0.82		1.14		2.52			
30 Year Average**	1.41		1.97		3.58			
30% chance more than**	1.72		2.39		4.25			

WETS Station: GERMANTOWN WASTEWATER UTILITY, WI
30-Year Precipitation Data (1994-2024) from NOAA Website
<http://agacis.rcc-acis.org/>

June Analysis

Date	Monthly Rainfall in Inches ¹						Weighted Sum	Relative Wetness
	March	Weighted Precip	April	Weighted Precip	May	Weighted Precip		
June 1993	1.56	2	8.47	6	2.66	6	14	Normal
June 1994	0.83	1	1.28	2	1.57	3	6	Dry
June 1996	0.50	1	3.20	4	2.94	6	11	Normal
June 1998	4.18	3	4.48	6	2.76	6	15	Wet
June 1999	1.46	2	6.75	6	4.97	9	17	Wet
June 2001	0.32	1	3.90	4	4.63	6	11	Normal
2005-06-02	1.22	2	1.09	2	3.15	6	10	Normal
2006-06-12	3.14	3	4.24	4	6.11	9	16	Wet
2013-06-19	1.12	1	6.70	6	5.62	9	16	Wet
30% chance less than**	1.14		2.52		2.59			
30 Year Average**	1.97		3.58		3.89			
30% chance more than**	2.39		4.25		4.66			

WETS Station: GERMANTOWN WASTEWATER UTILITY, WI
 30-Year Precipitation Data (1994-2024) from NOAA Website
<http://agacis.rcc-acis.org/>

July Analysis

Date	Monthly Rainfall in Inches ¹						Weighted Sum	Relative Wetness
	April	Weighted Precip	May	Weighted Precip	June	Weighted Precip		
July 1997	1.23	1	4.12	4	9.61	9	14	Normal
July 2000	2.96	2	8.28	6	4.60	6	14	Normal
July 2002	3.91	2	2.30	2	5.85	9	13	Normal
2008-07-05	7.79	3	1.33	2	9.87	9	14	Normal
2010-06-25	5.01	3	3.28	4	6.50	9	16	Wet
2017-07-03	4.36	3	4.97	6	6.63	9	18	Wet
2022-06-23	2.76	2	2.04	2	3.52	6	10	Normal
30% chance less than**	2.52		2.59		2.64			
30 Year Average**	3.58		3.89		4.28			
30% chance more than**	4.25		4.66		5.17			

WETS Station: GERMANTOWN WASTEWATER UTILITY, WI
 30-Year Precipitation Data (1994-2024) from NOAA Website
<http://agacis.rcc-acis.org/>

September Analysis

Date	Monthly Rainfall in Inches ¹						Weighted Sum	Relative Wetness
	June	Weighted Precip	July	Weighted Precip	August	Weighted Precip		
2018-09-14	3.98	2	2.63	2	9.45	9	13	Normal
2020-09-02	2.28	1	4.00	4	3.24	6	11	Normal
30% chance less than**	2.64		2.68		2.67			
30 Year Average**	4.28		3.87		3.99			
30% chance more than**	5.17		4.60		4.77			

WETS Station: GERMANTOWN WASTEWATER UTILITY, WI
30-Year Precipitation Data (1994-2024) from NOAA Website
<http://agacis.rcc-acis.org/>

October Analysis

Date	Monthly Rainfall in Inches ¹						Weighted Sum	Relative Wetness
	July	Weighted Precip	August	Weighted Precip	September	Weighted Precip		
2015-09-22	3.12	2	3.89	4	5.40	9	15	Wet
30% chance less than**	2.68		2.67		1.79			
30 Year Average**	3.87		3.99		3.15			
30% chance more than**	4.60		4.77		3.83			

WETS Station: GERMANTOWN WASTEWATER UTILITY, WI
30-Year Precipitation Data (1994-2024) from NOAA Website
<http://agacis.rcc-acis.org/>

(July 18, 2024 and July 28, 2024)

**OZAUKEE COUNTY NATURAL RESOURCES COMMITTEE
PUBLIC HEARING NOTICE**

NOTICE IS HEREBY GIVEN that a public hearing will be held at a meeting of the Ozaukee County Natural Resources Committee on August 8, 2024, at 9:00 A.M. in Board Room A-200 of the Ozaukee County Administration Center, 121 W. Main St., Port Washington, to consider the following item(s):

- 1) Request by Sommersberger Revocable Trust (Gregory Sommersberger), as owner, to petition the Natural Resources Committee for a Zoning Classification change Shoreland-Wetland to Shoreland in the Shoreland District, per Section 19.15600 of the Ozaukee County Shoreland Protection Ordinance, to reflect the results of a wetland delineation report and survey.

Affecting the following described real estates: **Town of Grafton**, T10N-R21E in the NW ¼ & the NE ¼ of the SE ¼, Section 9, Lots 1 & 2 CSM #4264 Doc. 1160067.

Tax Key #06-009-13-002.00, owned by Sommersberger Revocable Trust, Property Address: 1788 Lake Shore Road, Grafton WI 53024; and Tax Key #06-009-13-003.00, owned by SLJ Stables LLC, Property Address: North of 1788 Lake Shore Road, Grafton WI 53024

Information regarding this item on file with the Ozaukee County Department of Land and Water Management, Room 223, Ozaukee County Administration Center, 121 W. Main St., Port Washington.

The public and all interested persons are invited to attend this meeting and comment as appropriate. Discussion and action by the Natural Resources Committee will follow the hearing.

Rob Holyoke, Chairman
Natural Resources Committee

Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)



DocId:8625610
Tx:4447616

1160067

**RONALD A. VOIGT
OZAUKEE COUNTY
REGISTER OF DEEDS
RECORDED ON
06/25/2024 11:19 AM
REC FEE: 30.00
TRANS FEE:
PAGES: 7
EXEMPT #:**

*Certified Survey map
4264*

Document Number

Document Title

Recording Area

Name and Return Address

*Greg Sommersberger
893 Tallgrass Drive
Grafton WI 53024*

Parcel Identification Number (PIN)

This information must be completed by submitter: document title, name & return address, and PIN (if required). Other information such as the granting clauses, legal description, etc. may be placed on this first page of the document or may be placed on additional pages of the document.

CERTIFIED SURVEY MAP NO. 4264

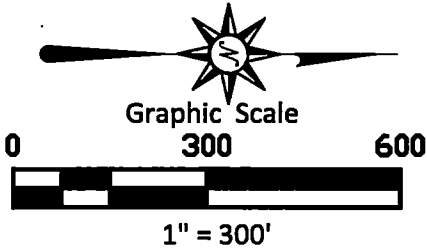
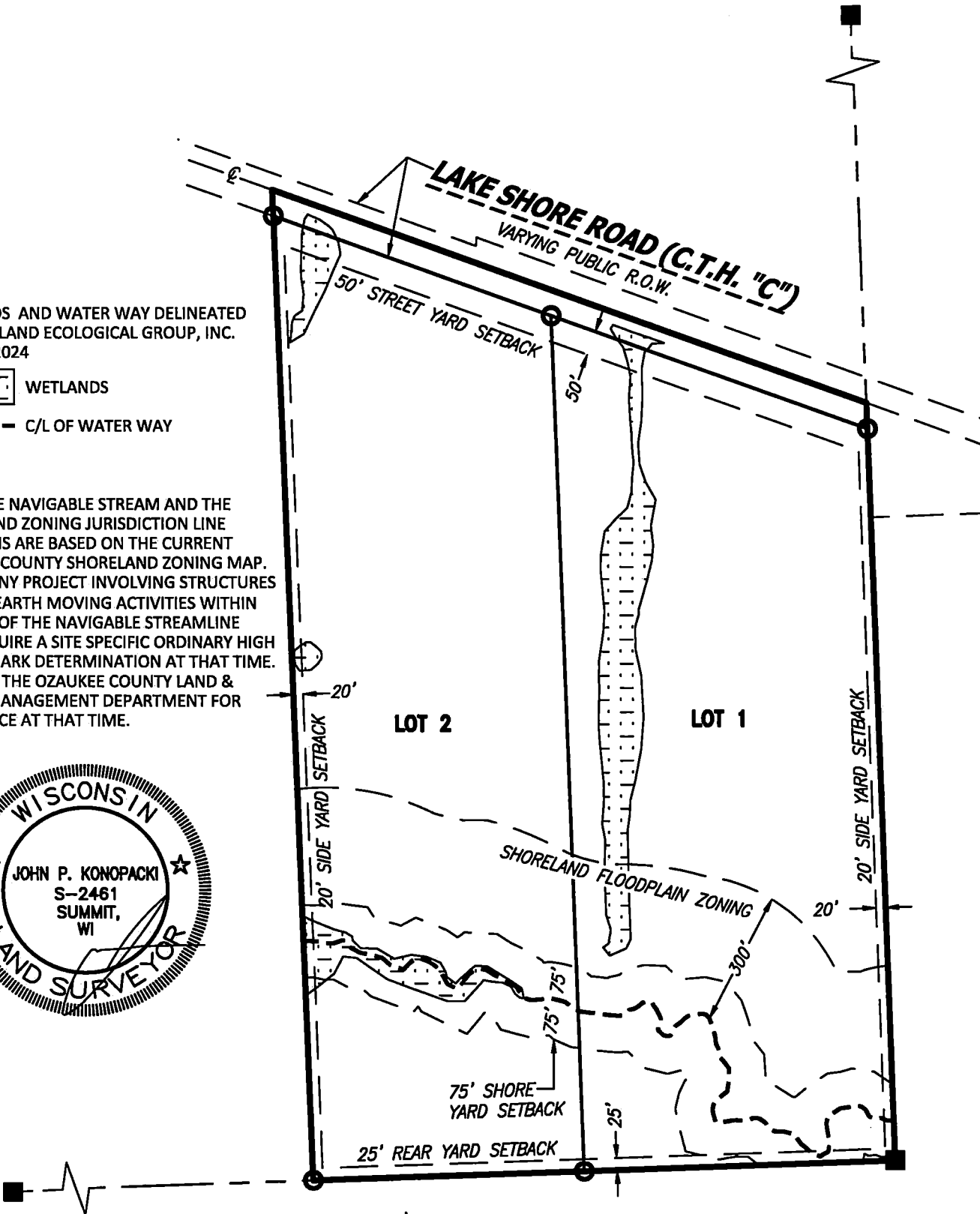
All that part of the Northeast and Northwest One-quarter (1/4) of the Southeast One-quarter (1/4) of Section Nine (9), in Township Ten (10) North, Range Twenty-two (22) East, in the Town of Grafton, County of Ozaukee, State of Wisconsin.

WETLANDS AND SETBACKS FOR REFERENCE ONLY

WETLANDS AND WATER WAY DELINEATED
BY HEARTLAND ECOLOGICAL GROUP, INC.
MAY 16, 2024

- WETLANDS
- C/L OF WATER WAY

NOTE: THE NAVIGABLE STREAM AND THE SHORELAND ZONING JURISDICTION LINE LOCATIONS ARE BASED ON THE CURRENT OZAUKEE COUNTY SHORELAND ZONING MAP. BEFORE ANY PROJECT INVOLVING STRUCTURES AND/OR EARTH MOVING ACTIVITIES WITHIN 100-FEET OF THE NAVIGABLE STREAMLINE WILL REQUIRE A SITE SPECIFIC ORDINARY HIGH WATER MARK DETERMINATION AT THAT TIME. CONTACT THE OZAUKEE COUNTY LAND & WATER MANAGEMENT DEPARTMENT FOR ASSISTANCE AT THAT TIME.



CHAPUT
LAND SURVEYS

234 W. Florida Street
Milwaukee, WI 53204
414-224-8068
www.chaputlandsurveys.com

This instrument was drafted
by John P. Konopacki
Professional Land Surveyor S-2461

Date: May 17, 2024
Revised: June 20, 2024
Survey No. 1145.00A-haw
Sheet 2 of 6 Sheets

All that part of the Northeast and Northwest One-quarter (1/4) of the Southeast One-quarter (1/4) of Section Nine (9), in Township Ten (10) North, Range Twenty-two (22) East, in the Town of Grafton, County of Ozaukee, State of Wisconsin.

STATE OF WISCONSIN} :SS
MILWAUKEE COUNTY}

THAT I have survey, divided and mapped that part of the Northeast 1/4 and Northwest 1/4 of the Southeast 1/4 of Section 9, Town 10 North, Range 22 East, in the Town of Grafton, Ozaukee County, Wisconsin, bounded and described as follows:

BEGINNING at the Northeast corner of the Southeast 1/4 of said Section 9; thence South 01°59'48" East along the Easterly line of the said 1/4 Section 1204.66 feet to a point; thence South 87°48'50" West 2050.21 feet to a point on the centerline of Lakeshore Road (C.T.H. "C"); thence North 19°45'16" East along said centerline 1303.56 feet to a point on the Northerly line of said 1/4 Section; thence North 87°58'41" East along said 1/4 Section line 1567.13 feet to the point of beginning.

THAT I have made this survey, land division and map by the direction of SLJ Stables LLC, owner of said land.

THAT I have fully complied with the provisions of Section 236.34 of the Wisconsin Statutes, the Land Division Ordinance of the Town of Grafton in surveying, dividing and mapping the same.

JOHN P. KONOPACKI
PROFESSIONAL LAND SURVEYOR S-2461

234 W. Florida Street
Milwaukee, WI 53204

414-224-8068
www.chaputlandsurveys.com

**This instrument was drafted
by John P. Konopacki
Professional Land Surveyor S-2461**

Date: May 17, 2024
Revised: June 20, 2024
Survey No. 1145.00A-haw
Sheet 3 of 6 Sheets

All that part of the Northeast and Northwest One-quarter (1/4) of the Southeast One-quarter (1/4) of Section Nine (9), in Township Ten (10) North, Range Twenty-two (22) East, in the Town of Grafton, County of Ozaukee, State of Wisconsin.

CORPORATE OWNER'S CERTIFICATE

SLJ Stables LLC, a Wisconsin corporation, duly organized and existing under and by virtue of the laws of the State of Wisconsin, as owner, hereby certifies that said corporation caused the land described on this Certified Survey Map to be surveyed, divided, dedicated and mapped as represented on this map in accordance with the subdivision regulations of the Town of Grafton and Chapter 236 of the Wisconsin Statutes.

SLJ Stables LLC, a Wisconsin corporation, does further certify that this map is required by S.236.10 or 236.12 to be submitted to the following for approval of objection: Town of Grafton.

IN WITNESS WHEREOF, SLJ Stables, a Wisconsin corporation, has caused these presents to be signed by the hand of Lance Johnson / Shawn Johnson, on this 23rd day of June, 2024.

SLJ Stables LLC, a Wisconsin corporation

By

Its:

STATE OF Wisconsin }
Ozaukee COUNTY } :SS

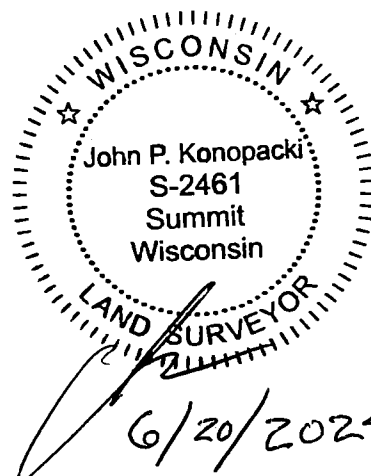
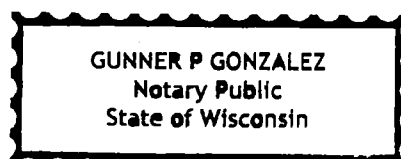
Personally came before me on this 33rd day of June, 2024, Lance & Shawn Johnson to me known as the person(s) who executed the foregoing instrument and acknowledged that they executed the foregoing instrument as such officer on behalf of entity, by their authority.

Notary Signature:

Notary Name:

Public, State of Wisconsin . My commission expires. 6/8/2026

(Notary Seal)



CHAPUT LAND SURVEYS

234 W. Florida Street
Milwaukee, WI 53204

414-224-8068
www.chaputlandsurveys.com

**This instrument was drafted
by John P. Konopacki
Professional Land Surveyor S-2461**

Date: May 17, 2024
Revised: June 20, 2024
Survey No. 1145.00A-haw
Sheet 4 of 6 Sheets

Packet Pg. 236

Attachment: Sommersberger Rezoning (ORD.24-5 : Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)

CERTIFIED SURVEY MAP NO. 4264

All that part of the Northeast and Northwest One-quarter (1/4) of the Southeast One-quarter (1/4) of Section Nine (9), in Township Ten (10) North, Range Twenty-two (22) East, in the Town of Grafton, County of Ozaukee, State of Wisconsin.

CONSENT OF CORPORATE MORTGAGEE

_____, a corporation duly organized and existing under and by virtue of the laws of the State of _____, as mortgagee of the above described land, consents to the surveying, dividing, dedicating and mapping of the land described on this map and in the surveyor's certificate and to the certificate of the owner of said land.

Date: _____

Entity Name: _____

Signature: _____

Type or Print Name: _____

Title: _____

STATE OF _____ }

:SS

_____ COUNTY }

Personally came before me this _____ day of _____, 2024, _____ of the above named entity, to me known to be the persons who executed the foregoing instrument, and acknowledged that he/she executed the foregoing instrument as such officer on behalf of the entity, by its authority.

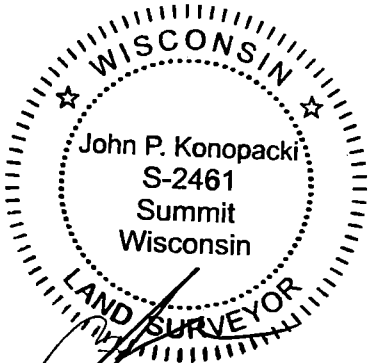
Notary Signature: _____

Print Notary Name: _____

Notary Public, State of _____. My commission expires: _____

(Notary Seal)

GTS 6/25/24



6/20/2024

CHAPUT
LAND SURVEYS

234 W. Florida Street
Milwaukee, WI 53204
414-224-8068
www.chaputlandsurveys.com

This instrument was drafted
by John P. Konopacki
Professional Land Surveyor S-2461

Date: May 17, 2024
Revised: June 20, 2024
Survey No. 1145.00A-haw
Sheet 5 of 6 Sheets

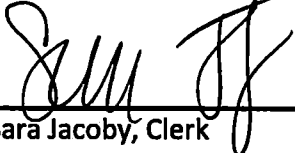
CERTIFIED SURVEY MAP NO. 4264

All that part of the Northeast and Northwest One-quarter (1/4) of the Southeast One-quarter (1/4) of Section Nine (9), in Township Ten (10) North, Range Twenty-two (22) East, in the Town of Grafton, County of Ozaukee, State of Wisconsin.

TOWN OF GRAFTON PLAN COMMISSION APPROVAL

Resolved that the Certified Survey Map located in the Southeast 1/4 of Section 9, Town 10 North, Range 22 East, in the Town of Grafton is approved by the Town of Grafton Plan Commission on this 5th day of JUNE 24, 2024.

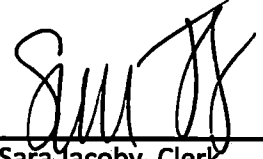

Lester A. Bartel, Town Chairman


Sara Jacoby, Clerk

TOWN OF GRAFTON BOARD APPROVAL

Resolved that the Certified Survey Map located in the Northwest 1/4 of Section 21, Town 10 North, Range 22 East, in the Town of Grafton is approved by the Town Board of the Town of Grafton on this 12th day of JUNE 24, 2024.

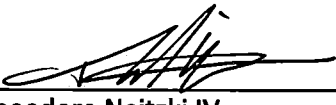

Lester A. Bartel, Town Chairman

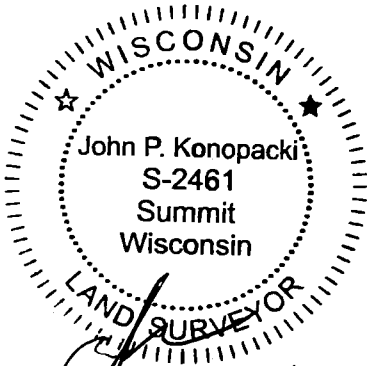

Sara Jacoby, Clerk

CITY OF PORT WASHINGTON EXTRATERRITORIAL REVIEW AND APPROVAL

CITY OF PORT WASHINGTON PLANNING COMMISSION APPROVAL

APPROVED by the City of Port Washington Planning Commission on the 20th day of June, 2024.


Theodore Neitzki IV,
Mayor and Plan Commission Chairman




6/20/2024

CHAPUT
LAND SURVEYS

234 W. Florida Street
Milwaukee, WI 53204
414-224-8068
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This instrument was drafted
by John P. Konopacki
Professional Land Surveyor S-2461

Date: May 17, 2024
Revised: June 20, 2024
Survey No. 1145.00A-haw
Sheet 6 of 6 Sheets



LAND & WATER MANAGEMENT DEPARTMENT

Katie Vogeler, Director
Edward J. Pfister, Sanitation & Zoning Coordinator
Geoff Schramm, Land & Water Coordinator
www.co.ozaukee.wi.us

Staff Report – Natural Resources Committee Hearing – August 8, 2024

Request by **Sommersberger Revocable Trust (Gregory Sommersberger)**, owner of one of two lots, to petition the committee for a Zoning Classification change from Wetland to Non-Wetland in the Shoreland-Wetland District, per Section 19.15600 of the Ozaukee County Shoreland Protection Ordinance, to reflect the results of a wetland delineation report and survey for the two properties as described below.

Affecting the following described real estate:

The affected wetland is located in the **Town of Grafton**, T10N, R22E in part of the NW 1/4 and the NE 1/4 of the SE 1/4 of Section 9, Lot 1 CSM #4264 Doc. 1160067, Parcel Key #'s 06-009-13-002.00, North of 1788 Lake Shore Road owned by SLJ Stables LLC; and Lot 2 CSM #4264 Doc. 1160067, 1788 Lake Shore Road owned by Sommersberger Revocable Trust.

Background:

The two parcels have been in agricultural use since before 1941.

A house and farm buildings were constructed on what is now Lot 2 prior to 1950 and were razed before 1963. The parcels have been vacant and farmed since then.

The property that is currently Lot 2 had provided access to the DNR property with a verbal agreement with the previous property owner (SBJ Stables LLC). However, that agreement was rescinded by the current owner.

The property split was recorded on July 2, 2024.

Lot 2 was purchased by Sommersberger Revocable Trust on July 8, 2024.

A wetland delineation was completed by Heartland Ecological Group Inc. on May 20, 2024.

The property was surveyed by Chaput Land Surveys on June 20, 2024.

The Certified Survey Map was recorded at the Ozaukee County Register of Deeds office on June 25, 2024.

The current owner of Lot 2, Sommersberger Revocable Trust, plans on building a residence on the property in the near future.

Per Section 19.15600 (05) of the County Shoreland Protection, any change to a shoreland-wetland boundary shown on a Shoreland and Floodplain Zoning District Map requires County Board approval.

END/BAS
(7/10/24)

ORDINANCE NO. 24-6

AMENDING SECTION 15.023 OF THE OZAUKEE COUNTY CODE OF ORDINANCES
PERTAINING TO P-1 PARK AND RECREATION DISTRICT

An Ordinance amending Chapter XV, Ozaukee County-Owned Lands Zoning Ordinance, Section 15.023 A of the Ozaukee County Code of Ordinances pertaining to P-1 Park and Recreation District, Permitted Principal Uses.

The County Board of Supervisors of the County of Ozaukee does ordain that Section 15.023 A of the Ozaukee County Code of Ordinances be amended as follows:

A. Permitted Principal Uses

26. Nature and Visitor Centers

27. Nature Schools

This Ordinance shall take effect upon enactment and publication.

Dated at Port Washington, Wisconsin, this 4th day of September 2024.

SUMMARY: An ordinance revision to Chapter XV: Ozaukee County-Owned Lands Zoning Ordinance, 15.023 A, P-1 Park and Recreation District, Permitted Principal Uses to include Nature and Visitor Centers and Nature Schools as Permitted Principal Uses.

VOTE REQUIRED: MAJORITY

08/08/24

Natural Resources Committee

APPROVED

RESULT: APPROVED [UNANIMOUS]

MOVER: T. Matera, Supervisor District 7

SECONDER: K. Schoessow, Supervisor District 23

AYES: Holyoke, Ross, Jobs, Matera, Schoessow

NATURAL RESOURCES COMMITTEE

Natural Resources Committee
AGENDA INFORMATION SHEET

AGENDA DATE:	September 4, 2024
DEPARTMENT:	Planning and Parks
DIRECTOR:	Andrew Struck
PREPARER:	Andrew Struck

Agenda Summary Amending Section 15.023 of the Ozaukee County Code of Ordinances Pertaining to P-1 Park and Recreation District

BACKGROUND INFORMATION: The update to the Park and Open Space Plan (POSP) includes a recommendation that the County develop a Nature/Visitor Center at Clay Bluffs Cedar Gorge Nature Preserve (6.5 Recommended Park and Outdoor Recreation Element). In addition, on November 2, 2023, the Ozaukee County Natural Resources Committee approved a Memorandum of Agreement (MOA) between the Ozaukee County Planning and Parks Department (Department) and Sugar Maple Nature School (School), a public nature-based charter school authorized by the Northern Ozaukee School District, to provide a temporary site for classrooms and structures and a space for outdoor learning at Hawthorne Hills County Park in the Town of Saukville and Town of Fredonia. On December 6, 2023, the Ozaukee County Board of Supervisors passed Resolution 23-44 approving execution of the MOA. On June 6, 2024, the Ozaukee County Natural Resources Committee approved an amendment to the MOA which included extending the School term to a five-year period. On July 3, 2024, the Ozaukee County Board of Supervisors approved Resolution 24-9 approving this MOA amendment.

ANALYSIS: This ordinance revision would formally change Chapter XV: Ozaukee County-Owned Lands Zoning Ordinance, 15.023 A, P-1 Park and Recreation District Permitted Principal Uses to include Nature and Visitor Centers and Nature Schools as Permitted Principal Uses.

FISCAL IMPACT: N/A

FUNDING SOURCE: County Levy: NA Non-County Levy: NA Indicate source: NA

RECOMMENDED MOTION: Approve and recommend to the Ozaukee County Board of Supervisors the ordinance revision to Chapter XV: Ozaukee County-Owned Lands Zoning Ordinance, 15.023 A, P-1 Park and Recreation District Permitted Principal Uses to include Nature and Visitor Centers and Nature Schools as Permitted Principal Uses, as outlined in the attached ordinance revision.

ATTACHMENTS:

- P&P_Dept_Ozaukee County_County-OwnedLands_ChapterXV_Revision_ATSFinal073024_P3-4 (PDF)

Setbacks shall not be required from interior parcel lines where County sites are comprised of two or more adjoining parcels. Setback requirements apply only where a County-owned parcel adjoins a parcel not owned by the County.

15.0114 COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT

Modifications to the requirements of this Ordinance may be granted by the County Natural Resources Committee for the purpose of complying with the requirements of Title II, “Public Services,” and Title III, “Public Accommodations and Commercial Facilities,” of the Americans with Disabilities Act. Such compliance may require the waiving or modifications to setback or other requirements. Modifications granted by the Natural Resources Committee shall be limited to the minimum extent necessary to make structures and uses accessible and barrier free.

15.02 ZONING DISTRICTS

15.021 ESTABLISHMENT

A. **For the Purpose of this Ordinance**, lands owned by Ozaukee County and subject to this Ordinance have been placed into three basic zoning districts and two overlay zoning districts:

- P-1 Park and Recreation District
- G-1 Governmental and Institutional District
- E-1 Extractive District
- C-1 Lowland Conservancy Overlay District
- C-2 Upland Conservancy Overlay District

B. **Boundaries of Zoning Districts** are established as shown on the map titled “Zoning Map for Ozaukee County-Owned Lands,” which accompanies and is made a part of this Ordinance. Such boundaries, except the conservancy overlay districts, shall be construed to follow property lines of certain Ozaukee County-owned lands unless otherwise noted on the Zoning Map. The boundaries of the C-1 Lowland Conservancy Overlay District and C-2 Upland Conservancy Overlay District are shown on the Ozaukee County zoning map and are determined in accordance with Sections 15.026 and 15.027, respectively. All notations and references shown on the zoning map are as much a part of this Ordinance as though specifically described herein. This Ordinance hereby incorporates any future changes or any later zoning maps that may be adopted by ordinance of the County Board. Parcels regulated under this Ordinance and the zoning districts in effect in each parcel are listed in Attachment 1.

15.022 ZONING MAP

A certified copy of the zoning map is adopted as part of this Ordinance and shall be available to the public in the office of the County Planning and Parks Director. Amendments to the zoning map shall take effect upon adoption by the County Board and the filing of proof of posting or publication thereof in the office of the County Clerk.

15.023 P-1 PARK AND RECREATION DISTRICT

This District is intended to provide for County-owned areas where natural resources can be preserved and the recreational needs of County residents and visitors can be provided for.

A. Permitted Principal Uses

1. Amphitheaters, arenas, field houses, and stadiums.
2. Archery ranges.
3. Boat rentals and boat mooring and access sites.

4. Botanical gardens and arboretums.
5. Campgrounds.
6. Day and overnight camps.
7. Dog parks.
8. Exhibition and music halls.
9. Fairgrounds.
10. Forest reserves, wilderness areas, and wildlife refuges.
11. Fish and game management.
12. Golf courses with or without clubhouse facilities.
13. Gymnasiums, fitness centers, and recreation centers and related structures and facilities.
14. Historic museums and sites.
15. Indoor and outdoor skating rinks or parks, including ice-skating, roller-skating, and skateboarding.
16. Parks (leisure, ornamental, and general recreation).
17. Picnicking areas.
18. Playfields or athletic fields.
19. Playgrounds or courts.
20. Public art galleries and exhibits.
21. Recreational trails.
22. Sledding, skiing, and tobogganing areas.
23. Swimming beaches and pools.
24. Agricultural activities allowed by the County.
25. Temporary Uses.

[26. Nature and Visitor Centers](#)

[27. Nature Schools](#)

B. Permitted Accessory Uses

1. Buildings and structures accessory to a principal use, including shelters, restrooms, garages, and service and storage buildings.
2. Energy conversion systems.
3. Essential services.
4. Off-street parking and loading/unloading areas.
5. Residential quarters for caretakers.
6. Terrestrial and satellite dish antennas.
7. Utility substations, wells, lift/pumping stations, water storage tanks and towers, and communication facilities.

C. Minimum Lot Area and Width

ORDINANCE NO. 24-7

AMENDING SECTION 5.01 OF THE OZAUKEE COUNTY CODE OF ORDINANCES -
PERTAINING TO RULES AND REGULATIONS GOVERNING COUNTY PARKS

An Ordinance amending Chapter V, Section 5.01(1)(d) and (3) of the Ozaukee County Code of Ordinances pertaining to Rules and Regulations Governing County Parks.

The County Board of Supervisors of the County of Ozaukee does ordain that Section 5.01(1)(d) and (3) of the Ozaukee County Code of Ordinances be amended as follows:

(1) Definitions

(d) The following are public grounds as part of the Ozaukee County Park System:

[Clay Bluffs Cedar Gorge Nature Preserve - 2100 Lake Shore Road, Port Washington](#)

Hawthorne Hills County Park [and Golf Course](#) - 4720 County Highway I, Saukville

Mee-Kwon County Park [and Golf Course](#) - 6333 W. Bonniwell Road, Mequon

[Ulao Creek Nature Preserve - Gateway Drive, Grafton](#)

This Ordinance shall take effect upon enactment and publication.

Dated at Port Washington, Wisconsin, this 4th day of September 2024.

SUMMARY: An ordinance revision to update Chapter V: Regulations Pertaining to Public Property and Section 5.01 Rules and Regulations Governing County Parks by adding two recent Park acquisitions (Clay Bluffs Cedar Gorge Nature Preserve and Ulao Creek Nature Preserve) and the Golf Courses to the listing of public grounds as part of the Ozaukee County Park System.

VOTE REQUIRED: *Majority*

08/08/24

Natural Resources Committee

APPROVED

RESULT: APPROVED [UNANIMOUS]

MOVER: B. Ross, Vice-Chairperson

SECONDER: K. Schoessow, Supervisor District 23

AYES: Holyoke, Ross, Jobs, Matera, Schoessow

Natural Resources Committee
AGENDA INFORMATION SHEET

AGENDA DATE:	September 4, 2024
DEPARTMENT:	Planning and Parks
DIRECTOR:	Andrew Struck
PREPARER:	Andrew Struck

Agenda Summary Amending Section 5.01 of the Ozaukee County Code of Ordinances -
Pertaining to Rules and Regulations Governing County Parks

BACKGROUND INFORMATION: On July 1, 2020, the Ozaukee County Board of Supervisors approved Resolution 20-15 authorizing the inclusion of the Clay Bluffs Cedar Gorge Nature Preserve property in the Ozaukee County Park System. On September 1, 2021, the Ozaukee County Board of Supervisors approved Resolution 21-6 authorizing the inclusion of the Ulao Creek Nature Preserve property in the Ozaukee County Park System. Chapter V Regulations Pertaining to Public Property of the Ozaukee County Code of Ordinances includes a listing of public grounds as part of the Ozaukee County Park System, which requires an update to include Clay Bluffs Cedar Gorge Nature Preserve and Ulao Creek Nature Preserve. In addition, the ordinance does not specify either Golf Course as a formal part of Hawthorne Hills County Park or Mee-Kwon County Park.

ANALYSIS: This ordinance revision would include the following change:

Modify Chapter V: Regulations Pertaining to Public Property; Chapter 5.01 Rules and Regulations Governing County Parks to include additions to (1) Definitions item (d):

Clay Bluffs Cedar Gorge Nature Preserve - 2100 Lake Shore Road, Port Washington

Hawthorne Hills County Park and Golf Course - 4720 County Highway I, Saukville

Mee-Kwon County Park and Golf Course - 6333 W. Bonniwell Road, Mequon

Ulao Creek Nature Preserve - Gateway Drive, Grafton

FISCAL IMPACT: N/A

FUNDING SOURCE: County Levy: NA Non-County Levy: NA Indicate source: NA

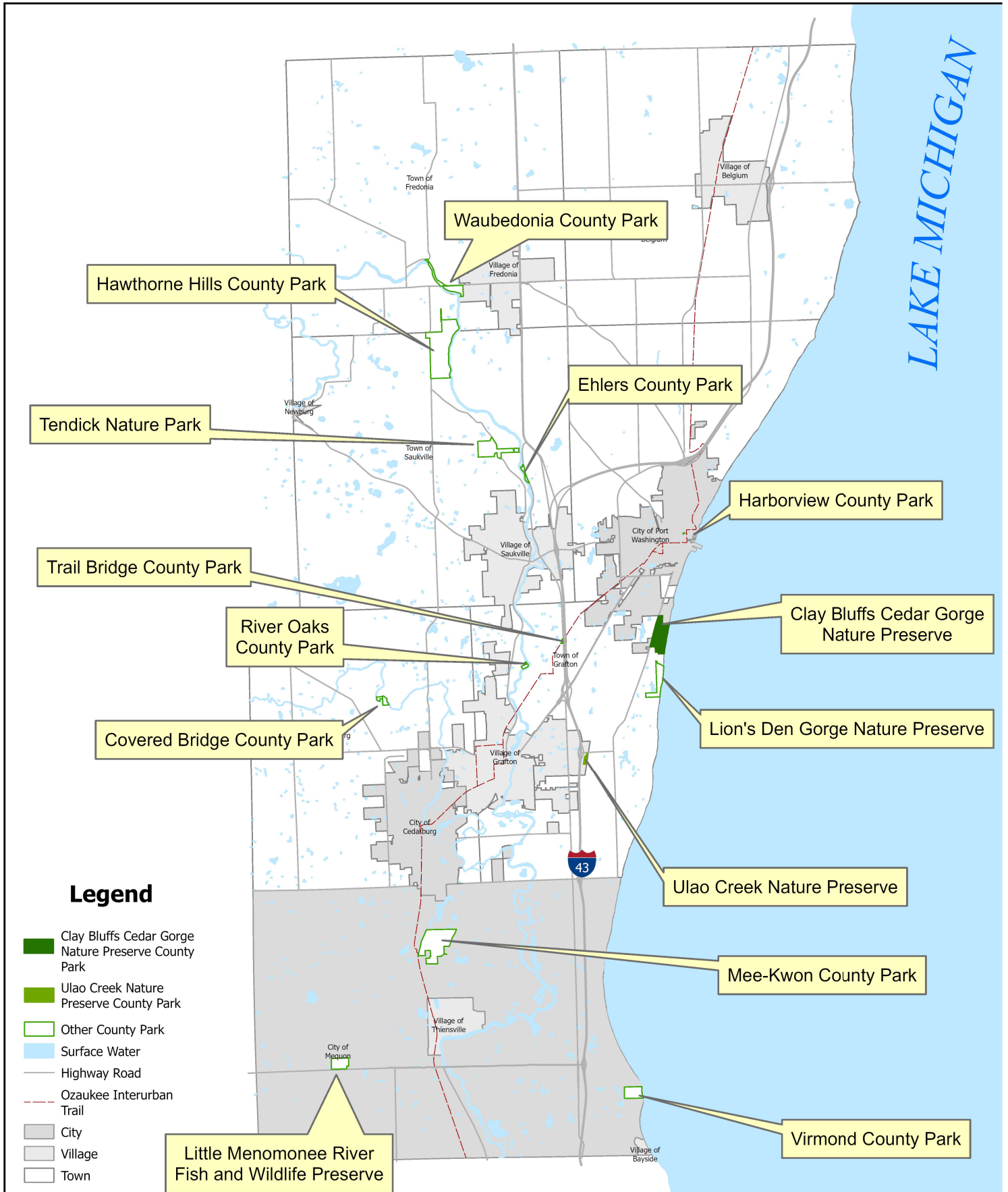
RECOMMENDED MOTION: Approve and recommend to the Ozaukee County Board of Supervisors the ordinance revision to update Chapter V: Regulations Pertaining to Public Property; Chapter 5.01 Rules and Regulations Governing County Parks to add the listing of public grounds as part of the Ozaukee County Park System, as outlined in the attached ordinance revision.

ATTACHMENTS:

- County Park System Map 7.31.24 (without MKE Oxbow) (PDF)
- P&P_Dept_Ozaukee
County_RegulationsPertainingtoPublicPropertyOrdinance_ChapterV_Revision_ATSFinal073124_P1&3-4 (PDF)

Ozaukee County Park System

9.c



Attachment: County Park System Map 7.31.24 (without MKE Oxbow) (ORD.24-7 :



0 0.75 1.5 3 Miles



Map Produced By:
Ozaukee County
Packet Pg. 248
July 2024

The County Board of Supervisors of the County of Ozaukee does ordain that CHAPTER V of the Ozaukee County Code of Ordinances be revised as follows:

CHAPTER V

REGULATIONS PERTAINING TO PUBLIC PROPERTY

5.01 RULES AND REGULATIONS GOVERNING COUNTY PARKS (12-7), (19-6)

(1) Definitions

- (a) The term "public grounds" shall include all public parks owned and/or operated by Ozaukee County.
- (b) The term "vehicle" shall include any motor vehicle, all-terrain vehicle, snowmobile, bicycle, motorcycle, trailer, wagon, horse, airplane or any other means of travel whether mechanized or not or as defined in Chapter 340 of the Wisconsin Statutes.
- (c) The term "group" shall refer to 25 or more individuals.

(d) The following are public grounds as part of the Ozaukee County Park System:

Covered Bridge County Park – 1700 Cedar Creek Road, Cedarburg

[Clay Bluffs Cedar Gorge Nature Preserve – 2100 Lake Shore Road, Port Washington](#)

Ehlers County Park – 3601 County Highway W, Saukville

Harborview County Park – Corner of Milwaukee Street and Washington Street, Port Washington

Hawthorne Hills County Park [and Golf Course](#) – 4720 County Highway I, Saukville

Lion's Den Gorge Nature Preserve County Park – 511 High Bluff Drive, Grafton

Little Menomonee River Fish and Wildlife Area County Park – 9104 Mequon Road, Mequon

Mee-Kwon County Park [and Golf Course](#) – 6333 W. Bonniwell Road, Mequon

River Oaks County Park – 1962 Edgewater Drive, Grafton

Tendick Nature County Park – 3919 County Highway O, Saukville

[Ulao Creek Nature Preserve – Gateway Drive, Grafton](#)

Virmond County Park – 10606 Lakeshore Drive, Mequon

Waubedonia County Park – W1155 Fredonia Ave, Fredonia

- (2) The Ozaukee County Natural Resources Committee shall have charge of the operation, maintenance, improvement, equipment and management of all county parks, preserves and trails in Ozaukee County and shall hire all necessary personnel to carry out the above duties.

- (a) Any person or group may reserve use of picnic areas, shelters or other designated areas or public grounds, provided:

1. A permit is obtained from the Ozaukee County Planning and Parks Department.

- a. Such permit must be received at least three (3) days prior to the planned use of any picnic area, shelter or other designated area except as authorized by the Planning and Parks Department Director.

Ozaukee County Board

AGENDA INFORMATION SHEET

AGENDA DATE: September 4, 2024
DEPARTMENT: County Clerk
DIRECTOR: Karen Niemuth
PREPARER: Karen Niemuth

Agenda Summary September 2024 Committee Appointments/Reappointments

AGING & DISABILITY RESOURCE CENTER BOARD

Reappoint Karl Hertz and Michael Wilt with a term to expire September 30, 2027.

OZAUKEE COUNTY BOARD