



AGENDA
NATURAL RESOURCES COMMITTEE
REGULAR MEETING
THURSDAY, AUGUST 8, 2024 – 9:00 AM
ADMINISTRATION CENTER - ROOM A-200
121 W. MAIN STREET, PORT WASHINGTON, WI 53074

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:

[Natural Resources Committee 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. **PROPER NOTICE**
3. **PUBLIC COMMENTS, CORRESPONDENCE, COMMUNICATIONS**
4. **APPROVAL OF MINUTES**
 - a. July 2 & 17, 2024
5. **PUBLIC HEARING - LAND & WATER MANAGEMENT DEPARTMENT**
 - 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
6. **LAND AND WATER MANAGEMENT DEPARTMENT**
 - a. **Action Items:**
 1. Ordinance: Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9
 - b. **Management/Financial/Informational Reports**
 1. LWM Monthly Reports
7. **PUBLIC HEARING - PLANNING & PARKS DEPARTMENT**
 - 1) Modify Chapter XV: Ozaukee County-Owned Lands Zoning Ordinance, 15.023 P-1 Park and Recreation District to include:
 26. Nature and Visitor Centers
 27. Nature Schools
 - 2) 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
 - 3) Modify Chapter V: Regulations Pertaining to Public Property; Chapter 5.01 Rules and Regulations Governing County Parks to include additions to (3) Unlawful Conduct item (t):
To carry, conceal carry or otherwise possess any firearm on the Sugar Maple Nature School grounds, or within 1,000 feet of the school grounds, which is located on Hawthorne Hills County Park and Golf Course property.
8. **PLANNING & PARKS DEPARTMENT**
 - a. **Action Items:**
 1. Ordinance: Amending Section 15.023 of the Ozaukee County Code of Ordinances Pertaining to P-1 Park and Recreation District

2. Ordinance: Amending Section 5.01 of the Ozaukee County Code of Ordinances -Pertaining to Rules and Regulations Governing County Parks

9. UNIVERSITY EXTENSION OFFICE

a. Management/Financial/Informational Reports

1. UW-Madison Division of Extension Reports

10. REGISTER OF DEEDS/LAND INFORMATION

a. Action Items:

1. Resolution: Ozaukee County Land Information Plan 2025-2027

b. Management/Financial/Informational Reports

1. Register of Deeds/Land Information Report

11. PLANNING AND PARKS DEPARTMENT (CONT.)

a. Action Items:

1. 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
2. Submittal and Acceptance of a Natural Resources Foundation C.D. Besadny Conservation Fund Grant for Prairie Restoration Activities at Hawthorne Hills County Park and Golf Course and Tendick Nature County Park
3. Resolution: 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
4. Resolution: 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
5. Submittal and Acceptance of a National Fish and Wildlife Foundation National Coastal Resilience Fund Grant to Conduct Engineering and Design for Restoring Lands Along County Highway Trunk W and the Milwaukee River in the Village of Saukville for Floodplain and Wetland Restoration as Part of the County Highway Trunk W Road Reconstruction and Restoration Project
6. Submittal and Acceptance of a National Oceanic Atmospheric Administration Bipartisan Infrastructure Law Coastal Zone Management Habitat Protection and Restoration Competition Grant for Habitat Restoration at Clay Bluffs Cedar Gorge Nature Preserve (County Park)
7. Resolution: We Energies Underground Easement for Electrical Service at Hawthorne Hills County Park and Golf Course

b. Discussion Items:

1. Update on Hawthorne Hills County Park Multipurpose Maintenance Building Construction and Change Orders
2. Update on the Sugar Maple Nature School Construction and Operations
3. Update of Planning and Parks Department Capital Projects and Planning and Parks Department Ecological Division Grant Projects
4. Department 2025 Budget Overview

c. Management/Financial/Informational Reports

1. Planning & Parks Department Management and Financial Reports

12. NEXT MEETING DATE

September 5, 2024

13. ADJOURNMENT

A quorum of members of committees or the full County Board of Ozaukee County may be in attendance at this meeting for purposes related to committee or board duties, however, no formal action will be taken by these committees or the board at this meeting.

Persons with disabilities requiring accommodations for attendance at this meeting should contact the County Clerk's Office at 262-284-8110, twenty-four (24) hours in advance of the meeting.

Natural Resources Committee**AGENDA INFORMATION SHEET**

AGENDA DATE:	August 8, 2024
DEPARTMENT:	County Clerk
DIRECTOR:	Karen Niemuth
PREPARER:	Lisa Henning

Agenda Summary July 2 & 17, 2024

https://www.ozaukeecounty.gov/AgendaCenter/ViewFile/Minutes/_07022024-3425

https://www.ozaukeecounty.gov/AgendaCenter/ViewFile/Minutes/_07172024-3440

NATURAL RESOURCES COMMITTEE

Natural Resources Committee**AGENDA INFORMATION SHEET**

AGENDA DATE:	August 8, 2024
DEPARTMENT:	Land and Water Management
DIRECTOR:	Katie Vogeler
PREPARER:	Katie Vogeler

Agenda Summary Public Hearing Notice - Sommersberger Wetland Delineation

ATTACHMENTS:

- Sommersberger Revocable Trust - Wetland Public Notice 8-8-2024 (PDF)

NATURAL RESOURCES COMMITTEE

(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

ORDINANCE NO. (ID # 10176)

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

NATURAL RESOURCES COMMITTEE

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE:	August 8, 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

6.a.1.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)

Attachment: Sommersberger Rezoning (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).

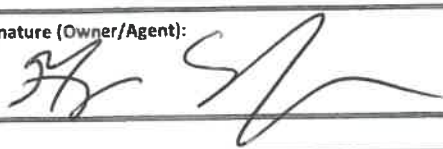
Shoreland-Wetland Rezoning

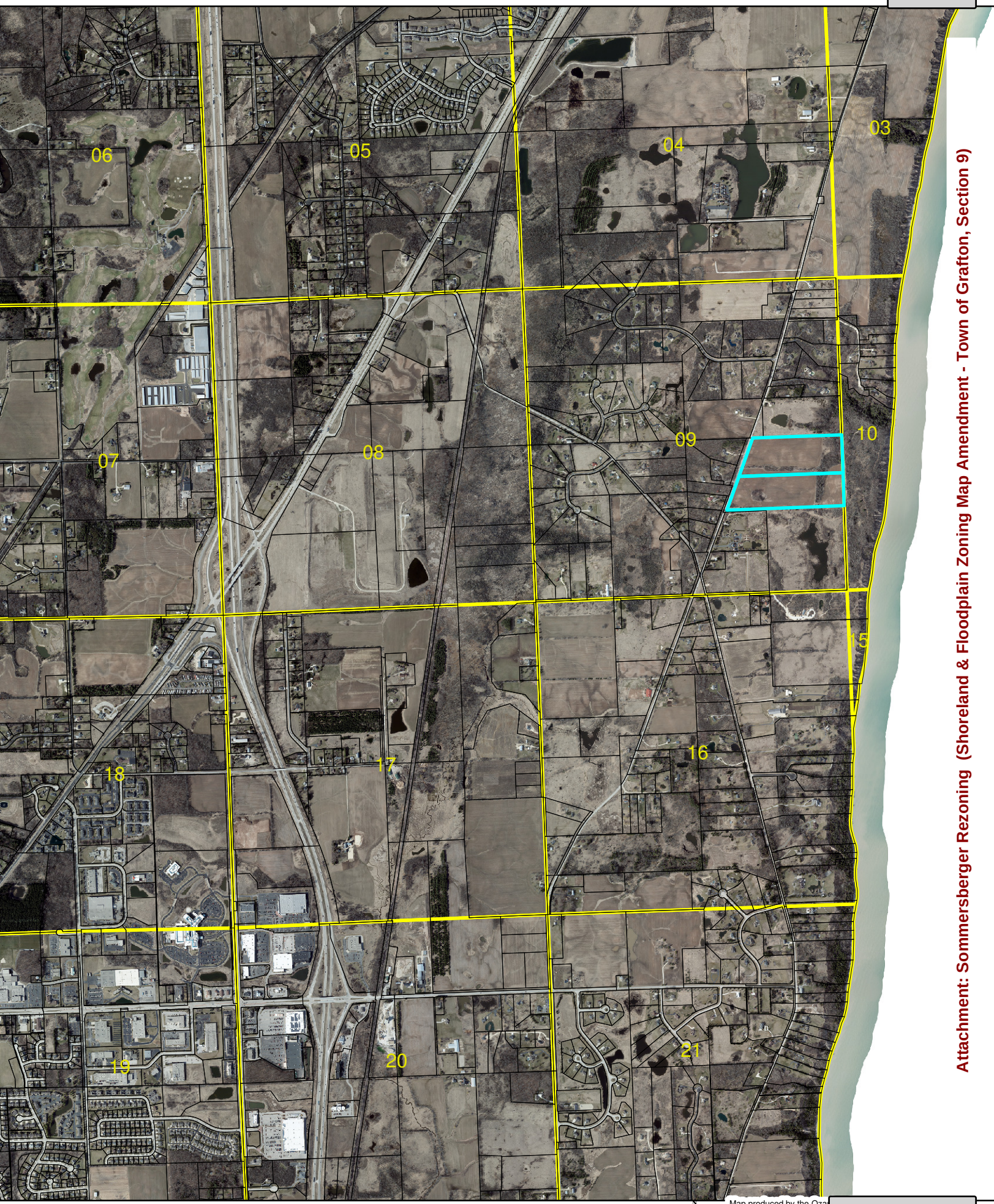
Section 7.1305 - A wetland, or portion thereof, in the shoreland-wetland district shall not be rezoned if the proposed rezoning may result in a significant adverse impact upon any of the following:

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.

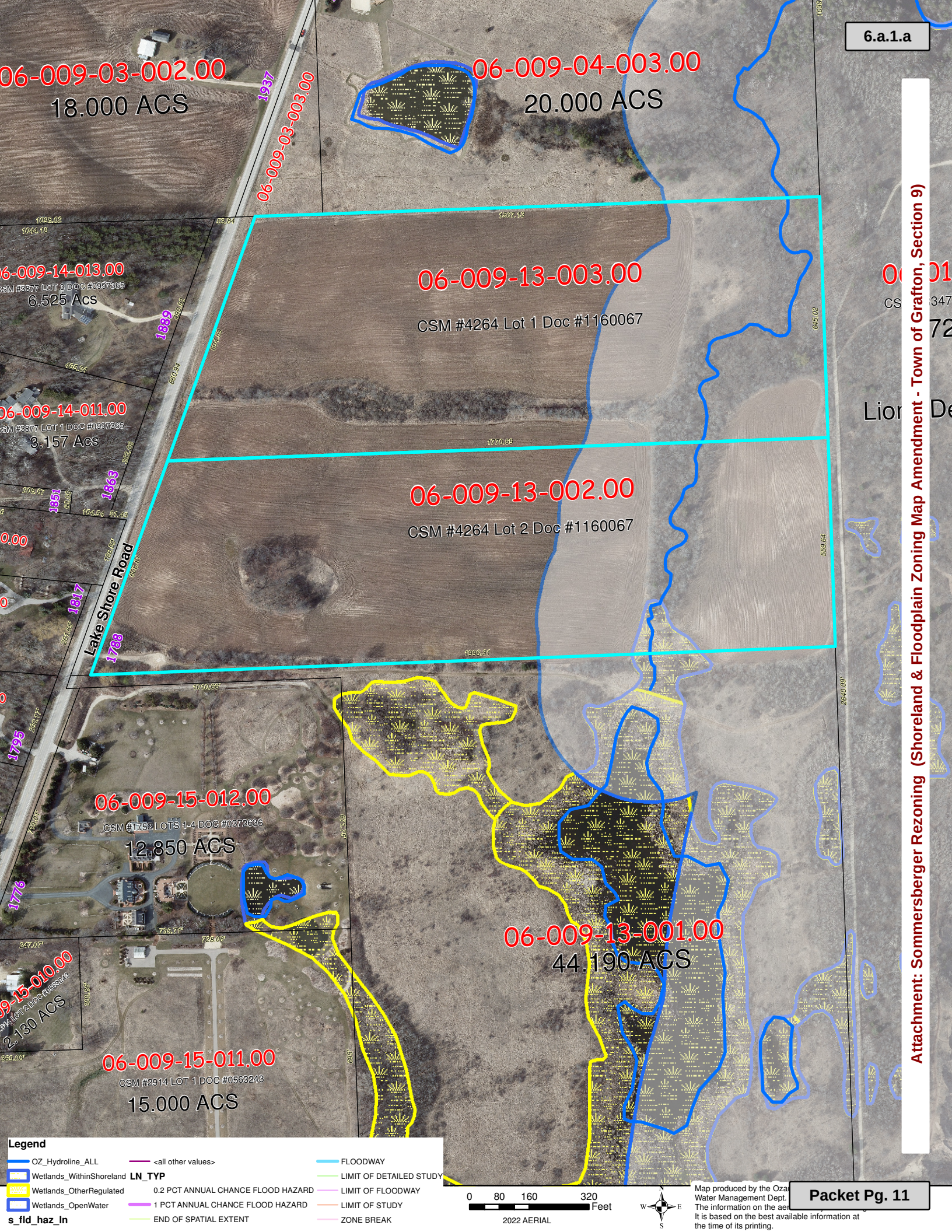
Section 7.1305(C) - If the Wisconsin Department of Natural Resources notifies the natural resources committee or county board that a proposed text or map amendment to the shoreland-wetland provisions of this ordinance may have a significant adverse impact upon any of the criteria listed above, that amendment, 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	Check / Receipt Number: 7610 / 17610
Date of NR Committee Approval:		Date of County Board Approval:	
Comments:			



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



06-009-03-002.00
18.000 ACS

06-009-04-003.00
20.000 ACS

06-009-14-013.00
6.525 Acs

06-009-13-003.00
CSM #4264 Lot 1 Doc #1160067

06-009-14-011.00
3.157 Acs

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

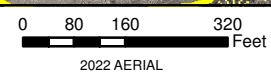
06-009-15-012.00
CSM #1752 LOTS 1-4 DOC #0872636
12.850 ACS

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



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.



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:

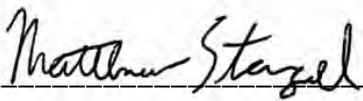
Heartland Ecological Group, Inc.

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

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

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
Project #: 20241269
May 20, 2024

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.

ASSURED WETLAND DELINEATION REPORT



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

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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



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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.

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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
<i>*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.</i>				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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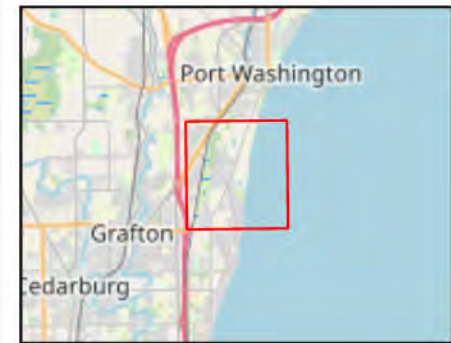
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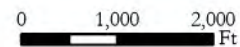


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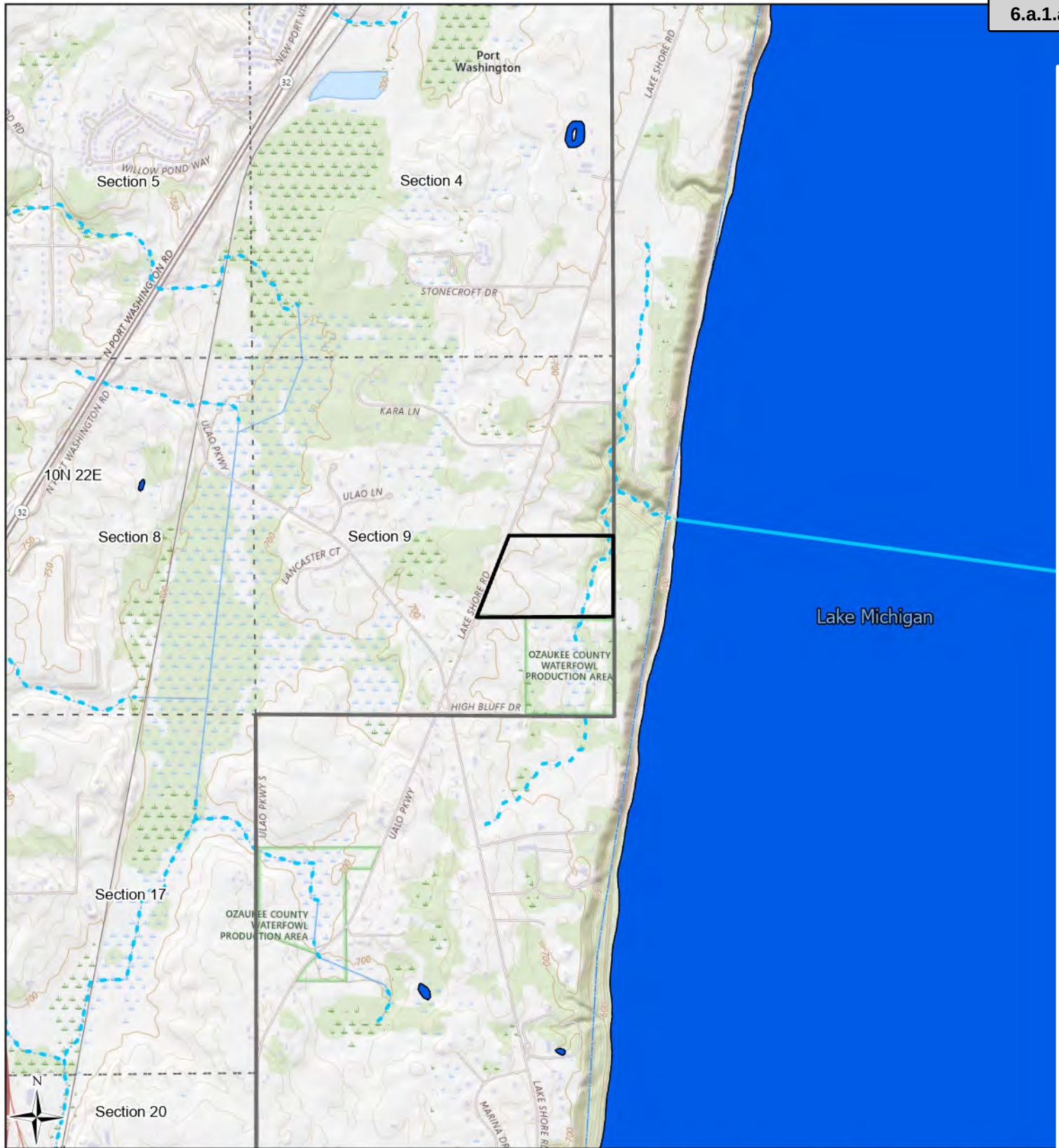
Appendix A | Figures



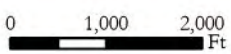
Section



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

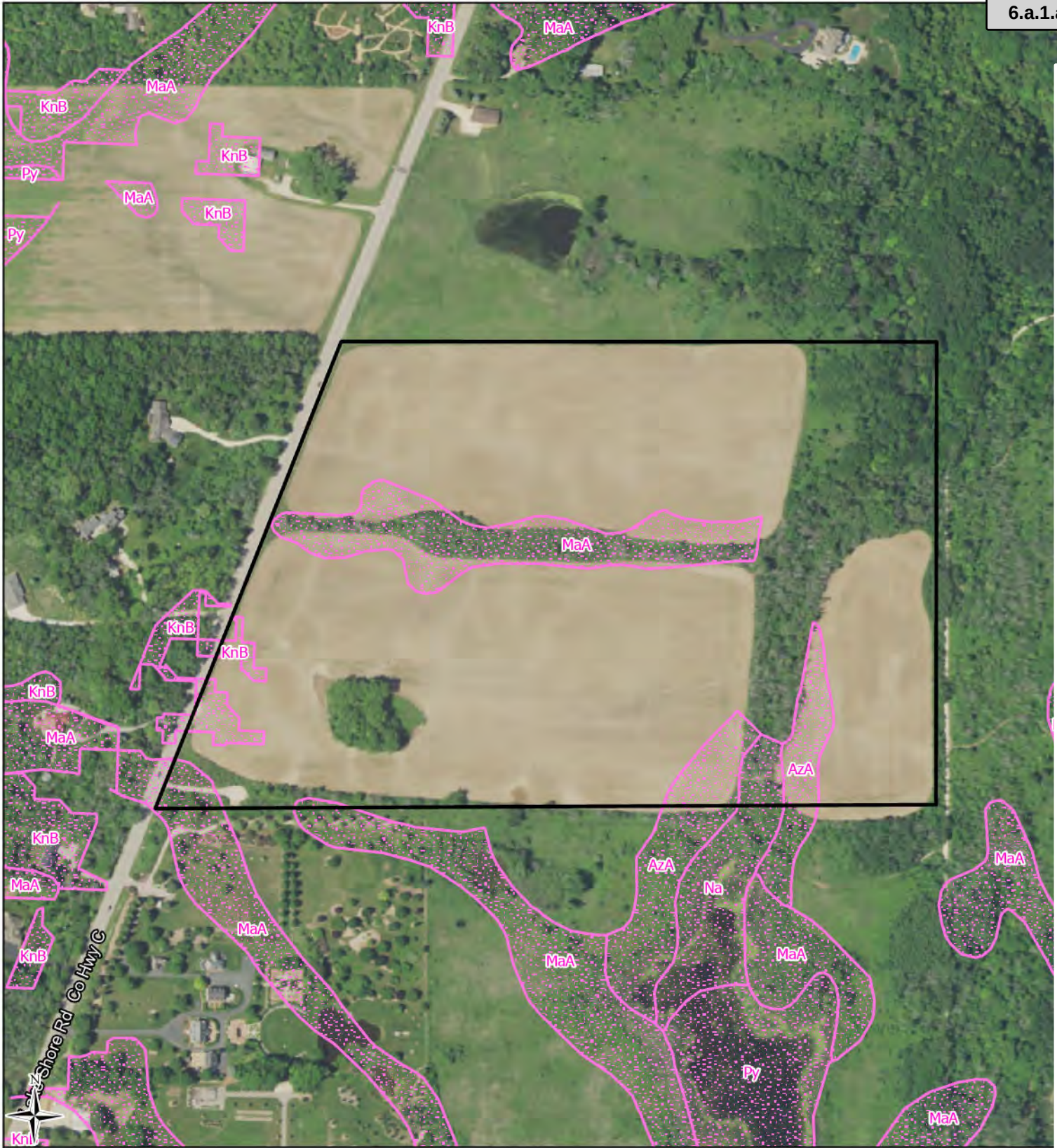
-  Hydric (100%)
-  Predominantly Hydric (85-99%)
-  Partially Hydric (16-84%)
-  Predominantly Non-Hydric (1-15%)
-  Non-Hydric (0%)



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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



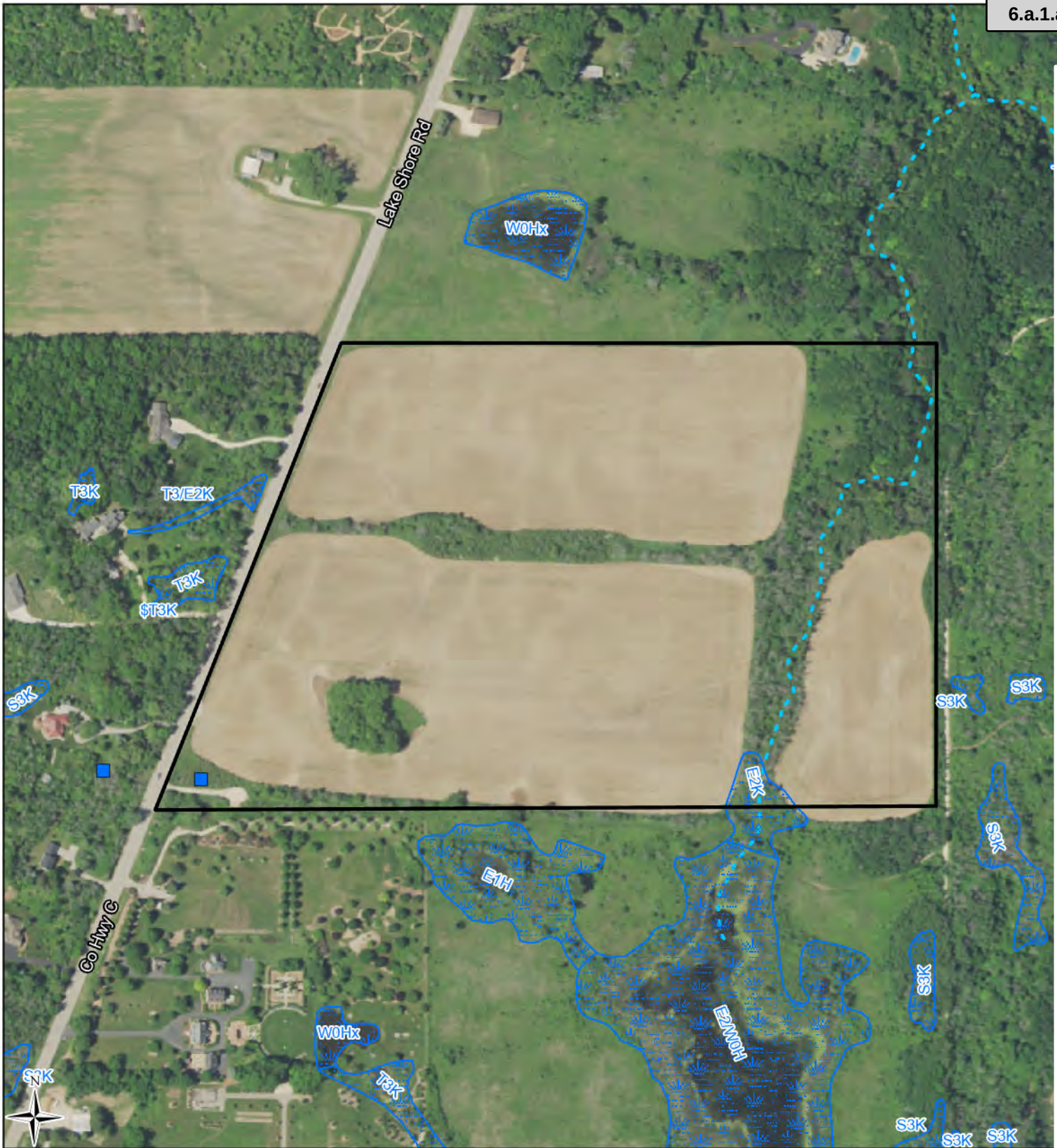
- Study Area (49.57 ac)
- SWDV Wetland Indicators

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

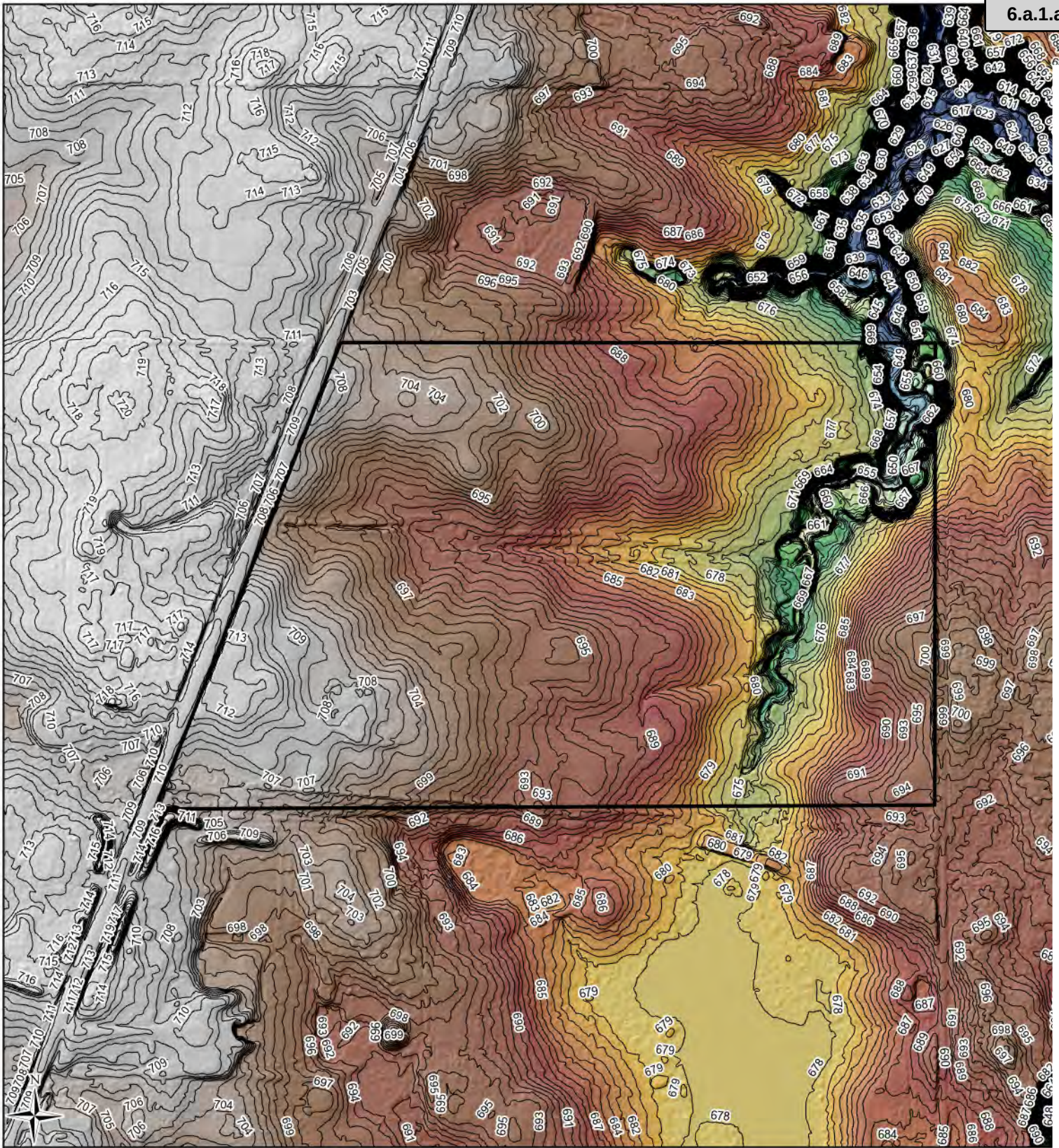
- Perennial Streams (None in Map Extent)
- Intermittent Streams

0 350 Ft

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Figure 5. Wisconsin
Wetland Inventory
50-Acre Parcel Wetlands
Project #20241269
T10N, R22E, S09
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2022 NAIP
WDNR, USFWS



Study Area (49.57 ac)
Ozaukee Co 1' Contours

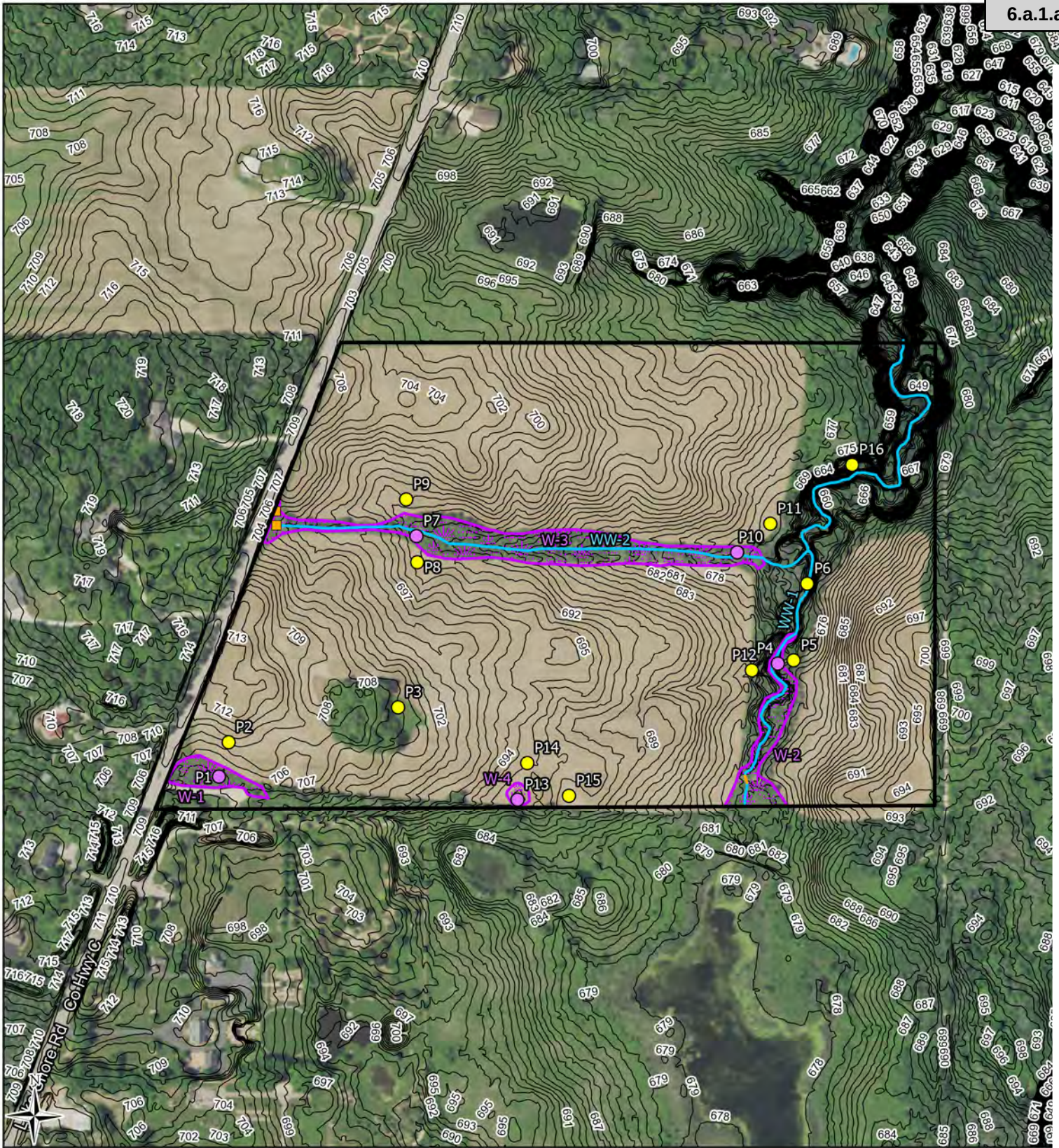
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Figure 6. Color-Stretch
Digital Elevation Model

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

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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

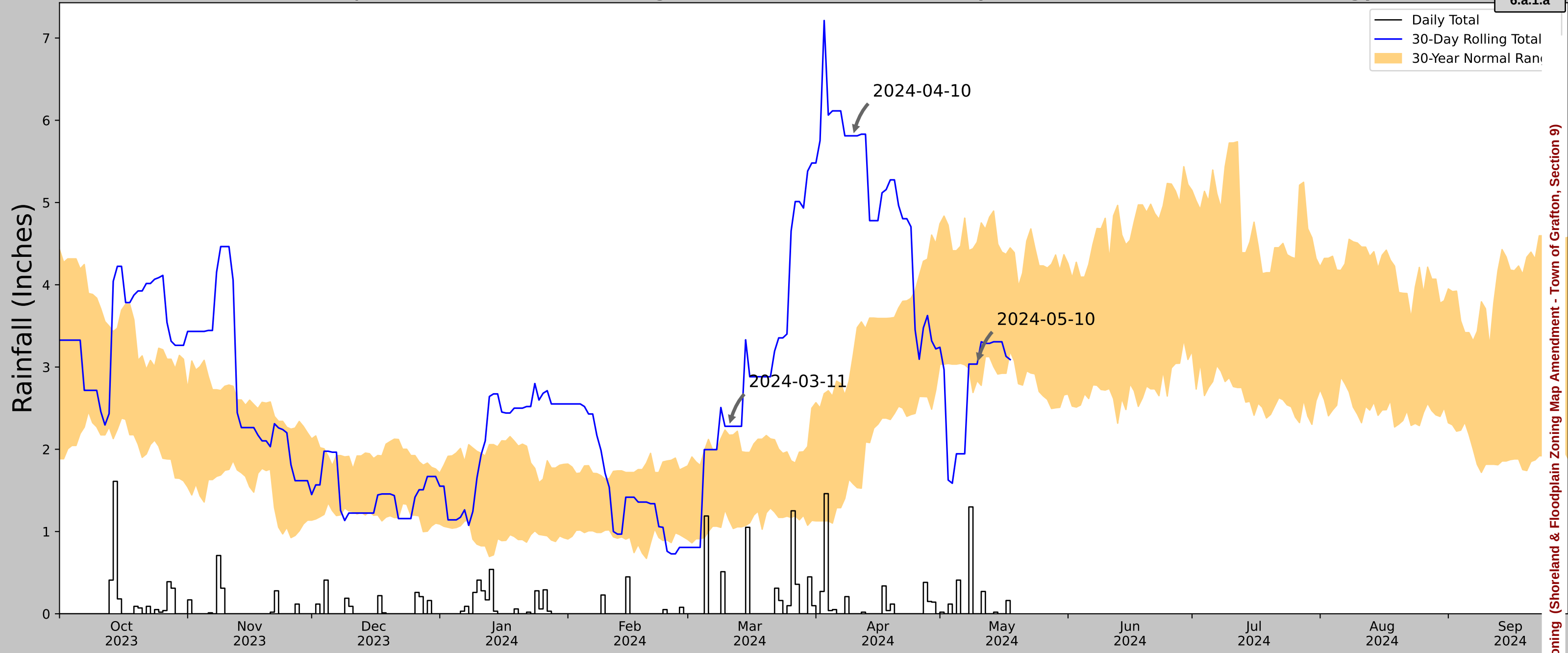


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Appendix B | APT Analysis

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

6.a.1.a



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

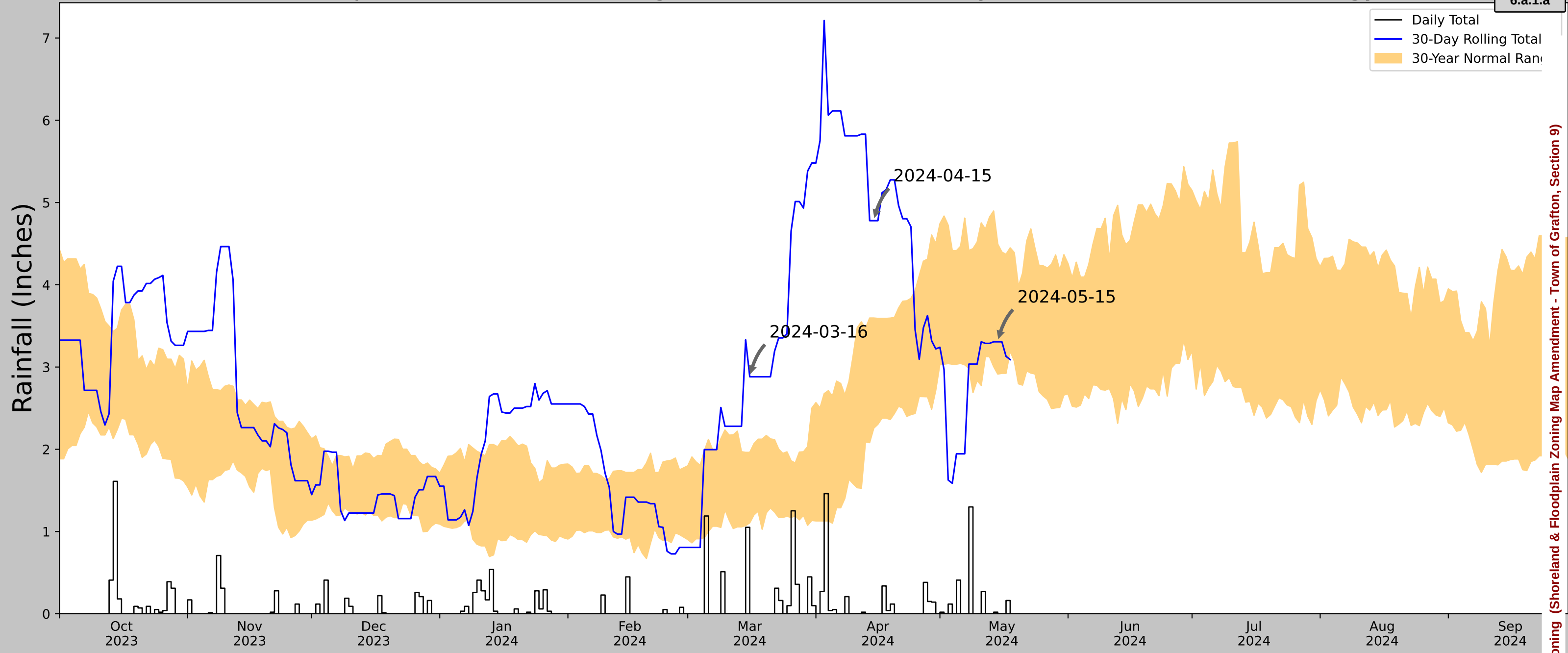
Written by Jason Deters
U.S. Army Corps of Engineers

Weather Station Name	Coordinates	Elevation (ft)	Distance (mi)	Elevation Δ	Weighted Δ	Days Normal	Days Antecedent
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 (Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)

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

6.a.1.a



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
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 (Shoreland & Floodplain Zoning Map Amendment - Town of Grafton, Section 9)

ASSURED WETLAND DELINEATION REPORT



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

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? (includes capillary fringe) Yes ☒ No ☐ Depth (inches): 0

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. _____	_____	_____	_____

0 = 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. _____	_____	_____	_____

75.0 = 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. _____	_____	_____	_____

40.0 = Total Cover

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

0 = 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 ☐

SOIL

Sampling Point: P1

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

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 ☒
 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:

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. _____	_____	_____	_____
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>Thlaspi arvense</u>	<u>15</u>	<u>Y</u>	<u>UPL</u>
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>)	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: 0 (A)Total Number of Dominant Species Across All Strata: 2 (B)Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)**Prevalence Index worksheet:**

Total % Cover of:	Multiply by:
OBL species <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)

Prevalence Index = B/A = 4.43**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 ☒

SOIL

Sampling Point: P2

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

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 ☒
 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 meadow. 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: P3

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

0 = 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. _____	_____	_____	_____

10.0 = 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. _____	_____	_____	_____

93.0 = Total Cover

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

0 = 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 ☒

SOIL

Sampling Point: P3

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

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

Wetland Hydrology Present? Yes ☒ No _____

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

Remarks:

VEGETATION – Use scientific names of plants.

Sampling Point: P4

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>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>)	Absolute % Cover	Dominant Species?	Indicator Status
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>)	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: 3 (A)

Total Number of Dominant Species Across All Strata: 4 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 75.00 (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>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)

Prevalence Index = B/A = 2.75**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 ☐

SOIL

Sampling Point: P4

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:

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><i>Thuja occidentalis</i></u>	<u>10</u>	<u>Y</u>	<u>FACW</u>
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____

10.0 = Total Cover

Sapling/Shrub Stratum (Plot size: <u>15</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u><i>Lonicera X bella</i></u>	<u>50</u>	<u>Y</u>	<u>FACU</u>
2. <u><i>Rhamnus cathartica</i></u>	<u>10</u>	<u>N</u>	<u>FAC</u>
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____

60.0 = Total Cover

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

73.0 = Total Cover

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

0 = 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 ☒

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 ☒
 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 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)

☐ 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: 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. _____	_____	_____	_____

10.0 = 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. _____	_____	_____	_____

80.0 = 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. _____	_____	_____	_____

75.0 = Total Cover

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

0 = 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 ☒

SOIL

Sampling Point: P6

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

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 _____
 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 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)

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☐ Other (Explain in Remarks)

Secondary Indicators (minimum of two required)

☐ Surface Soil Cracks (B6)
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☐ 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): 10
 Saturation Present? Yes ☒ No _____ Depth (inches): 5
 (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: P7

Tree Stratum (Plot size: <u>30</u>)	Absolute % Cover	Dominant Species?	Indicator Status																																																	
1. _____	_____	_____	_____																																																	
2. _____	_____	_____	_____																																																	
3. _____	_____	_____	_____																																																	
4. _____	_____	_____	_____																																																	
5. _____	_____	_____	_____																																																	
6. _____	_____	_____	_____																																																	
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Remarks: (Include photo numbers here or on a separate sheet.) Dead Fraxinus pennsylvanica in tree stratum.																																																				

SOIL

Sampling Point: P7

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

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 ☒
 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: P8

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>2</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>50.00</u> (A/B)														
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
5. _____	_____	_____	_____															
6. _____	_____	_____	_____															
7. _____	_____	_____	_____															
<u>0</u> = Total Cover				Prevalence Index worksheet: <table style="width: 100%;"> <tr> <th style="text-align: left;">Total % Cover of:</th> <th style="text-align: left;">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>12.00</u></td> <td>x 4 = <u>48.00</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>32.00</u> (A)</td> <td><u>118.00</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>3.69</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>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)
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)																	
<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>Persicaria maculosa</u>	<u>15</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>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>)																		
1. _____	_____	_____	_____															
2. _____	_____	_____	_____															
3. _____	_____	_____	_____															
4. _____	_____	_____	_____															
<u>0</u> = Total Cover																		
Remarks: (Include photo numbers here or on a separate sheet.) No crops present. Weeds abundant.																		

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>																		

SOIL

Sampling Point: P9

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

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. _____	_____	_____	_____

25.0 = 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. _____	_____	_____	_____

10.0 = 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. _____	_____	_____	_____

95.0 = 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. _____	_____	_____	_____

10.0 = 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 ☐

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 ☒
 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: P11

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>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		

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: 0 (A)Total Number of Dominant Species Across All Strata: 2 (B)Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)**Prevalence Index worksheet:**

Total % Cover of:	Multiply by:
OBL species <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)

Prevalence Index = B/A = 3.83**Hydrophytic Vegetation Indicators:**

- ☐ 1 - Rapid Test for Hydrophytic Vegetation
☐ 2 - Dominance Test is >50%
☐ 3 - Prevalence Index is $\leq 3.0^1$
☐ 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 ☒

SOIL

Sampling Point: P11

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

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 ☒
 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 meadow on edge of shrub thicket. 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: 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 ✓

SOIL

Sampling Point: P12

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

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 ☐
 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 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:**

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): 5
 Water Table Present? Yes ☒ No ☐ Depth (inches): 0
 Saturation Present? (includes capillary fringe) Yes ☒ No ☐ Depth (inches): 0

Wetland Hydrology Present? Yes ☒ No ☐

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)																	
<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>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 ☐

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

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 ☒
 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? (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:

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. _____	_____	_____	_____
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>Plantago major</u>	<u>10</u>	<u>Y</u>	<u>FACU</u>
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>)	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: 0 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0.00 (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species <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)

Prevalence Index = B/A = 4.5**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 ✓

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 ☒

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? 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: P16

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

60.0 = Total Cover

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

25.0 = Total Cover

Herb Stratum (Plot size: <u>5</u>)	Absolute % Cover	Dominant Species?	Indicator Status
1. <u><i>Rhamnus cathartica</i></u>	<u>10</u>	<u>Y</u>	<u>FAC</u>
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____
11. _____	_____	_____	_____
12. _____	_____	_____	_____

10.0 = Total Cover

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

0 = 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, MLRA 149B) |
| ☐ Histic Epipedon (A2) | ☐ Thin Dark Surface (S9) (LRR R, MLRA 149B) |
| ☐ Black Histic (A3) | ☐ Loamy Mucky Mineral (F1) (LRR K, L) |
| ☐ Hydrogen Sulfide (A4) | ☐ Loamy Gleyed Matrix (F2) |
| ☐ Stratified Layers (A5) | ☐ Depleted Matrix (F3) |
| ☐ Depleted Below Dark Surface (A11) | ☐ Redox Dark Surface (F6) |
| ☐ Thick Dark Surface (A12) | ☐ Depleted Dark Surface (F7) |
| ☐ Sandy Mucky Mineral (S1) | ☐ Redox Depressions (F8) |
| ☐ Sandy Gleyed Matrix (S4) | |
| ☐ 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:



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 (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 (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 (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 (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

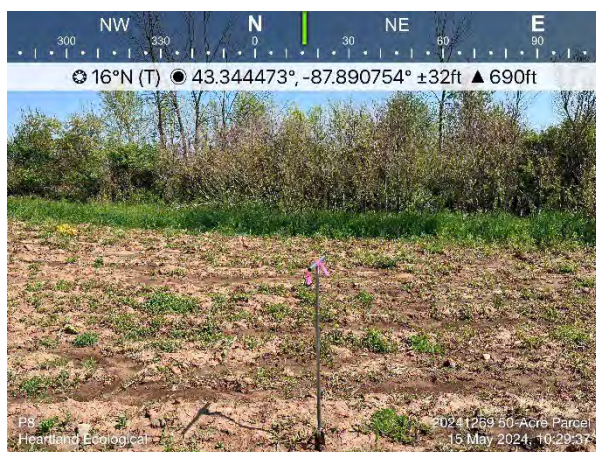


Photo #29 Sample point P8



Photo #30 Sample point P8

Attachment: Sommersberger Rezoning (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

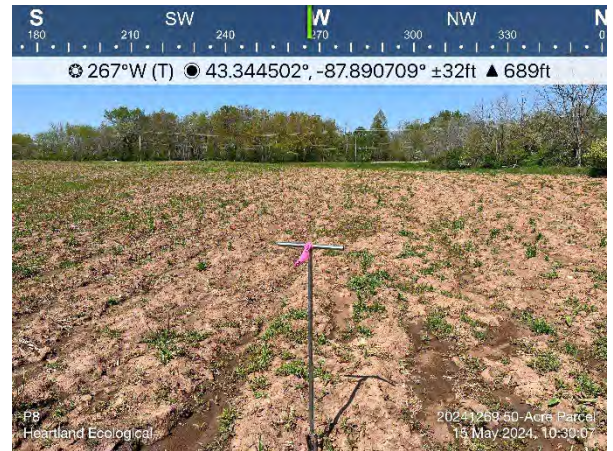


Photo #32 Sample point P8

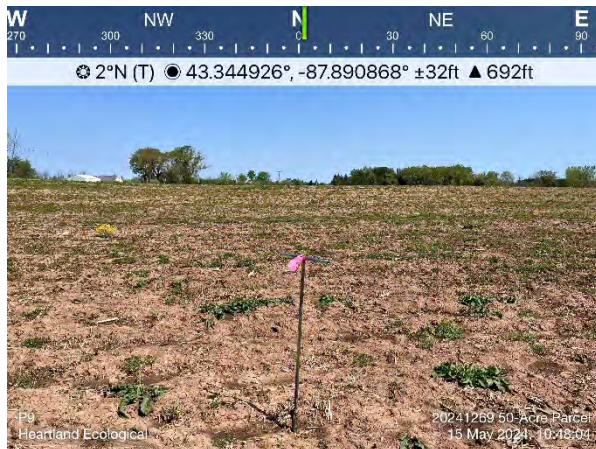


Photo #33 Sample point P9



Photo #34 Sample point P9



Photo #35 Sample point P9



Photo #36 Sample point P9

Attachment: Sommersberger Rezoning (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 #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 (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

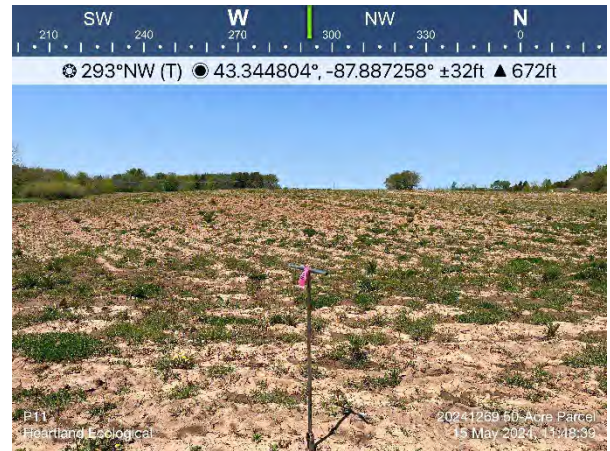


Photo #44 Sample point P11



Photo #45 Sample point P12



Photo #46 Sample point P12



Photo #47 Sample point P12



Photo #48 Sample point P12

Attachment: Sommersberger Rezoning (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

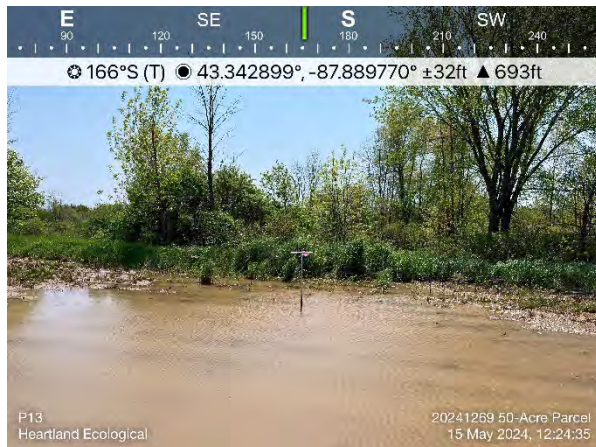


Photo #51 Sample point P13



Photo #52 Sample point P13



Photo #53 Sample point P14



Photo #54 Sample point P14

Attachment: Sommersberger Rezoning (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

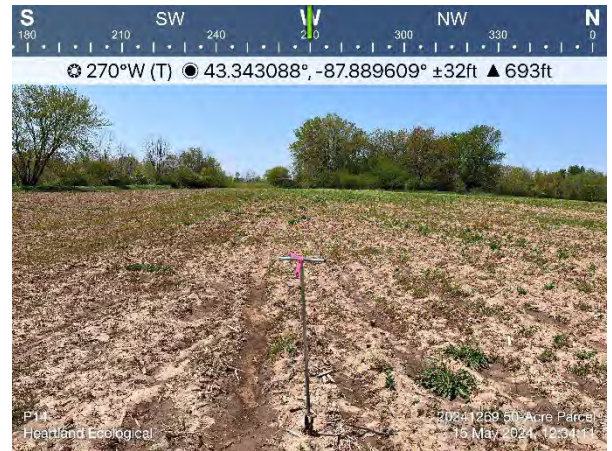


Photo #56 Sample point P14

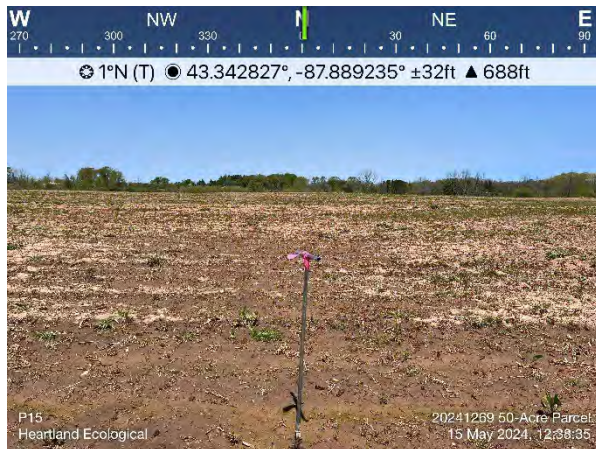


Photo #57 Sample point P15



Photo #58 Sample point P15



Photo #59 Sample point P15

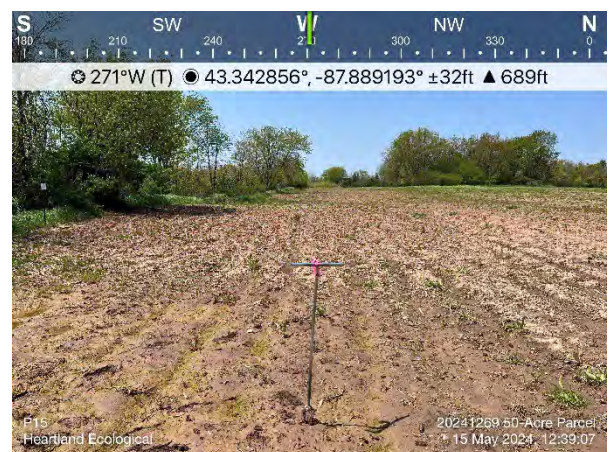


Photo #60 Sample point P15

Attachment: Sommersberger Rezoning (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 (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

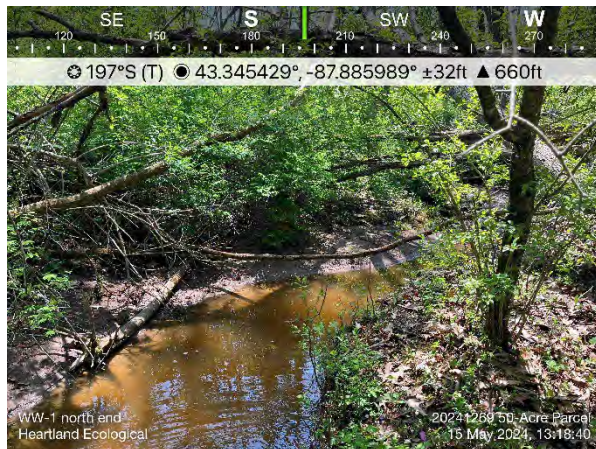


Photo #69 WW-1



Photo #70 WW-1



Photo #71 WW-1



Photo #72 WW-2

Attachment: Sommersberger Rezoning (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

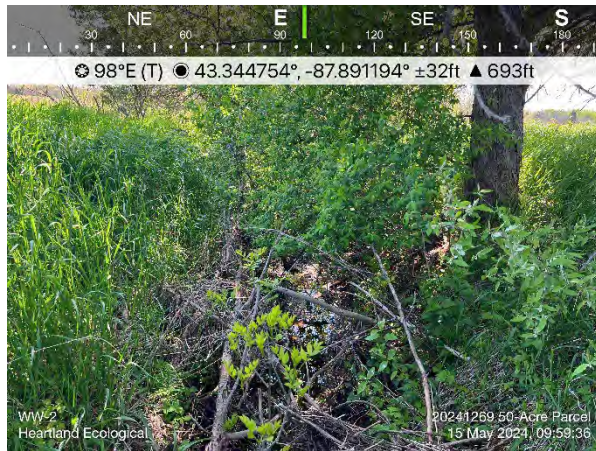


Photo #73 WW-2



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 (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,

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

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

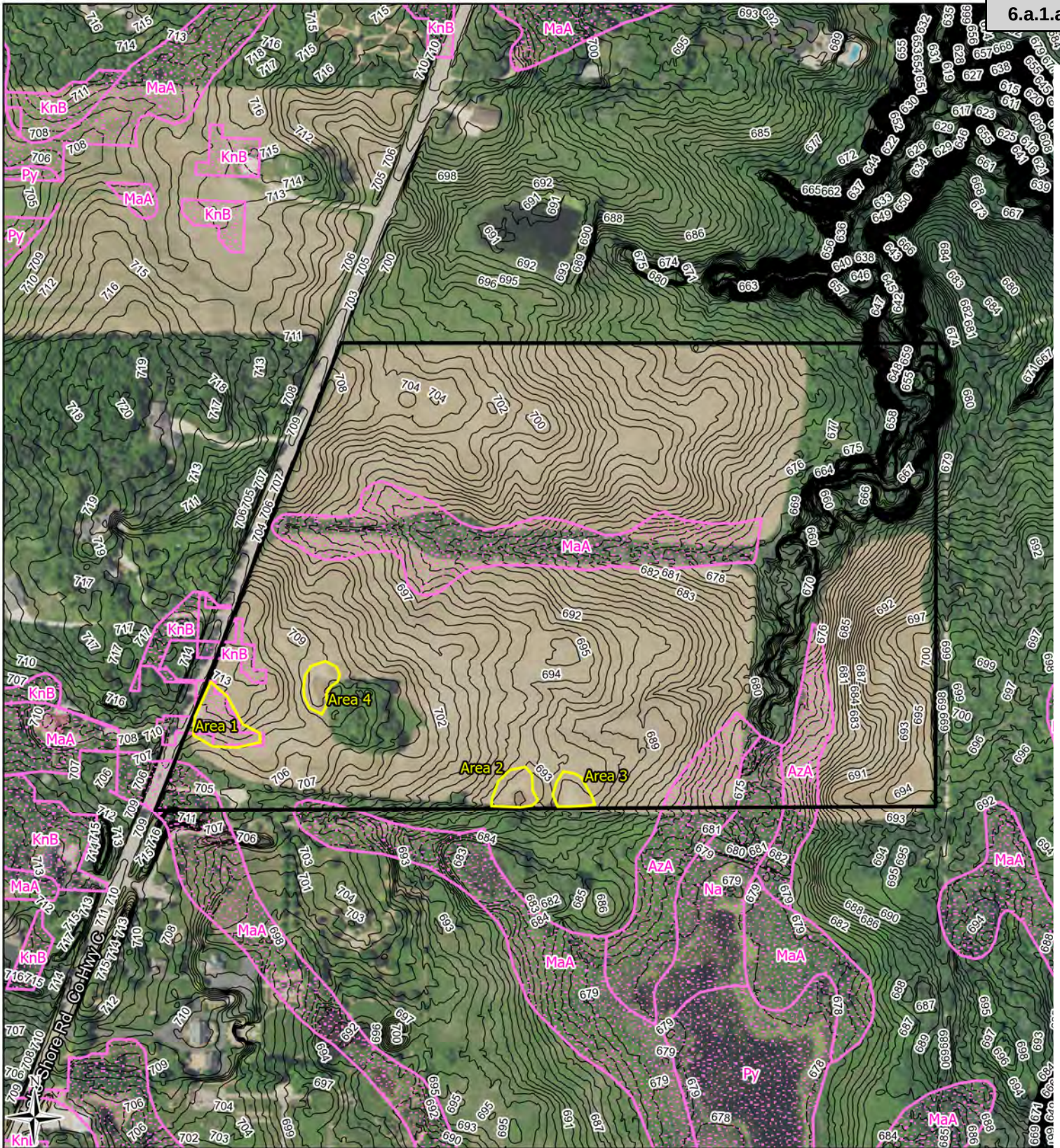
TABLE A2

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

0 350
Ft

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



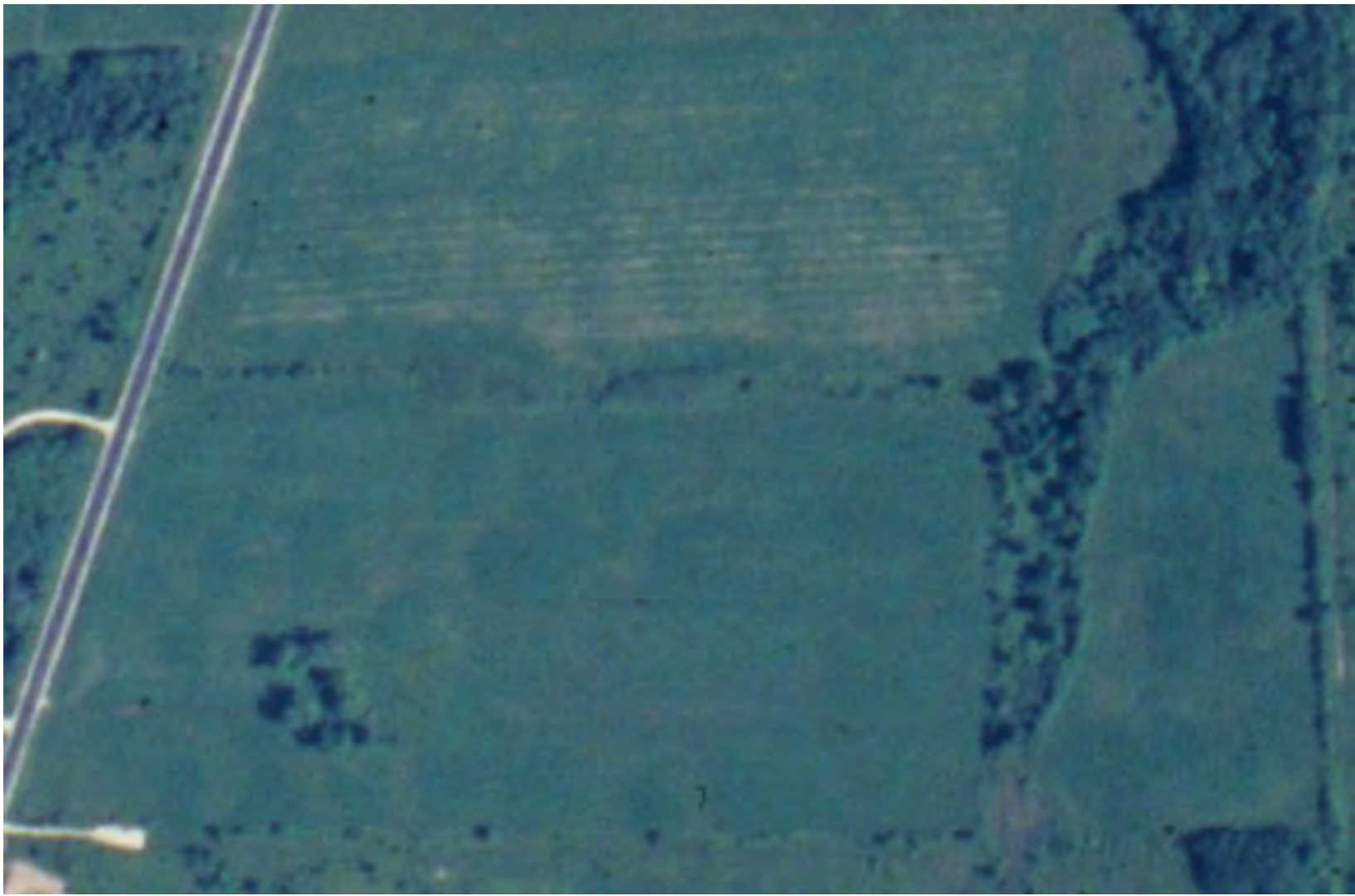
May 1995 Normal



June 1996 Normal



July 1997 Normal



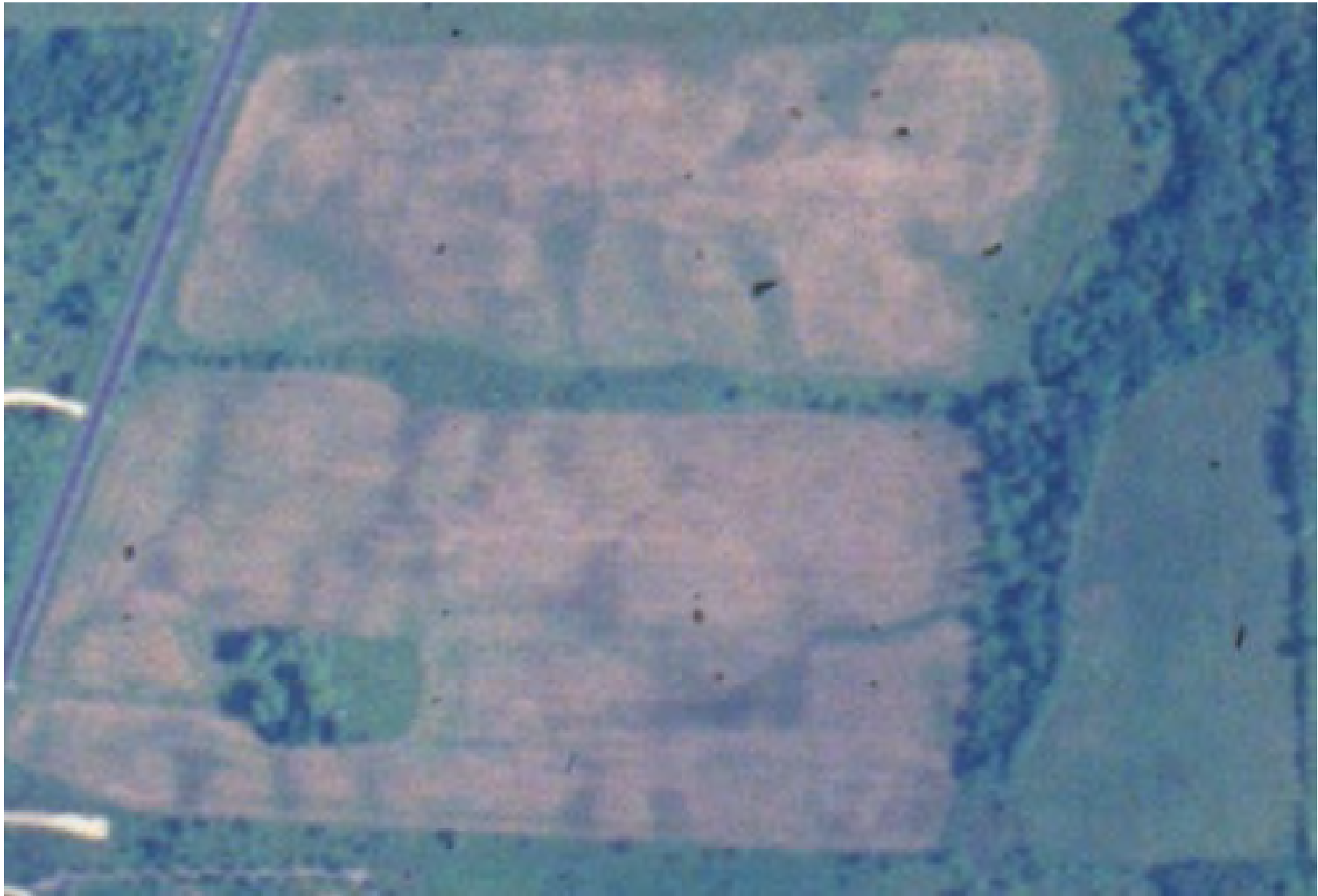
June 1998 Normal



June 1999 Wet



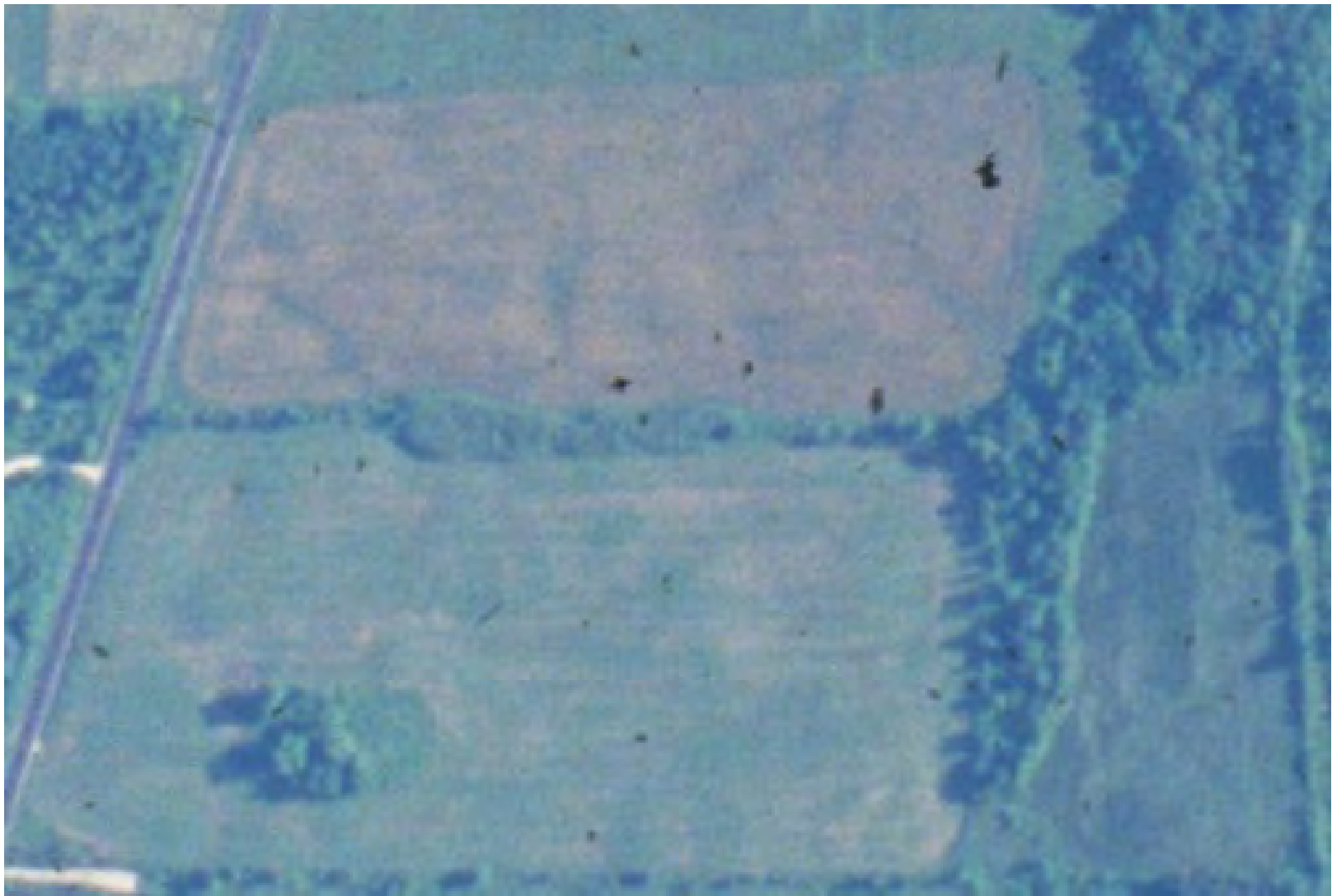
July 2000 Normal



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)

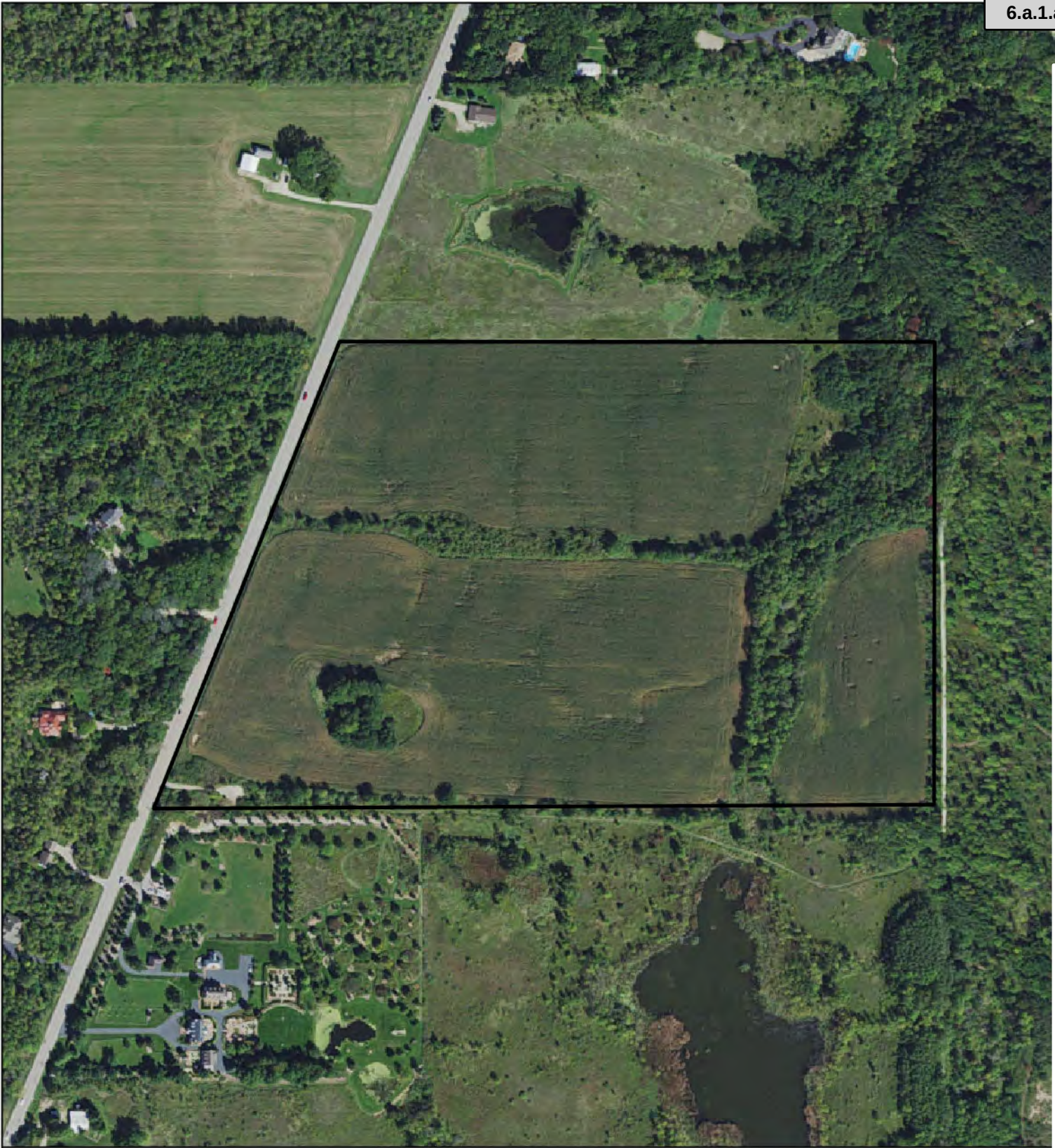
0 350
Ft

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



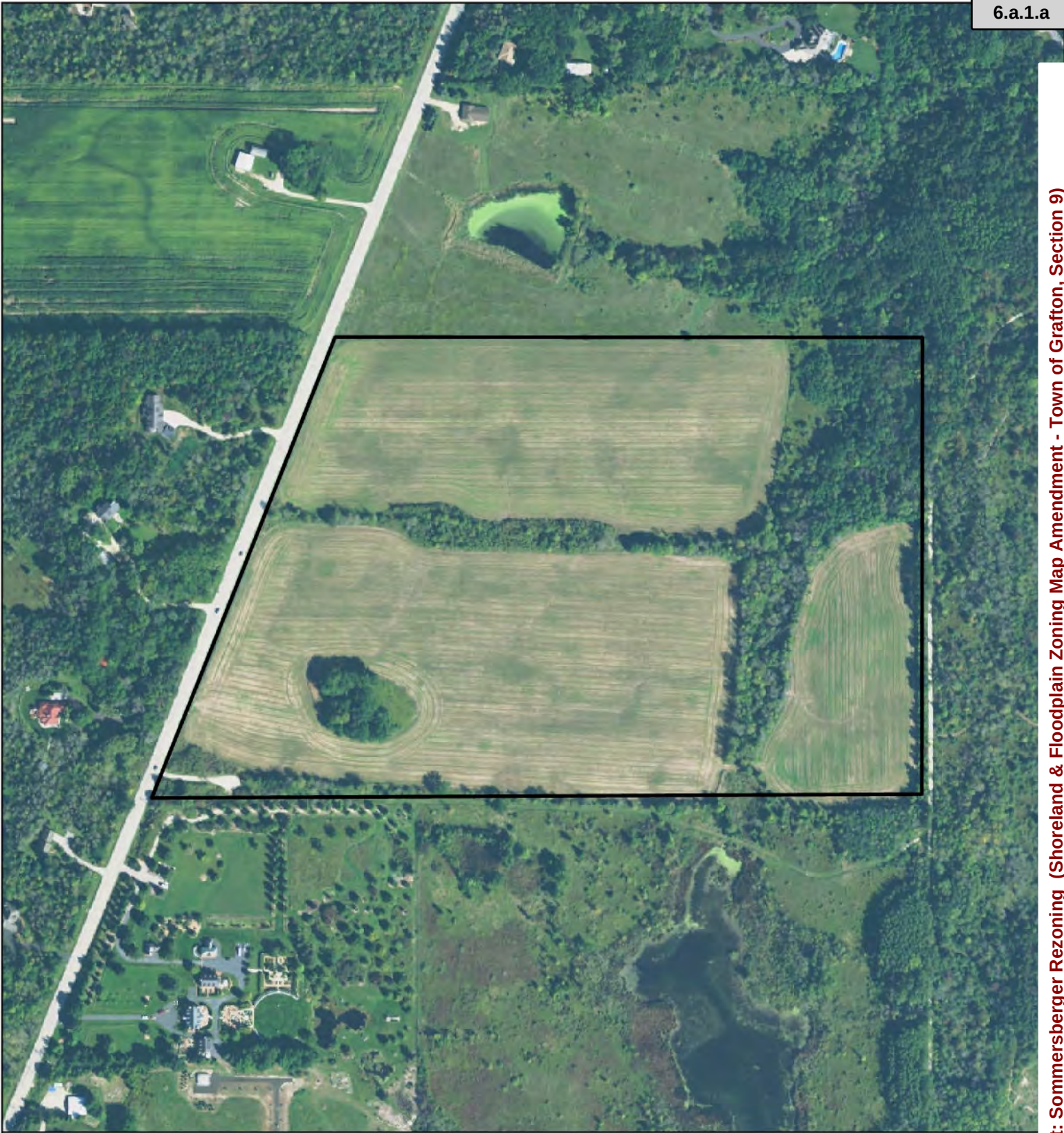
 Study Area (49.57 ac)

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



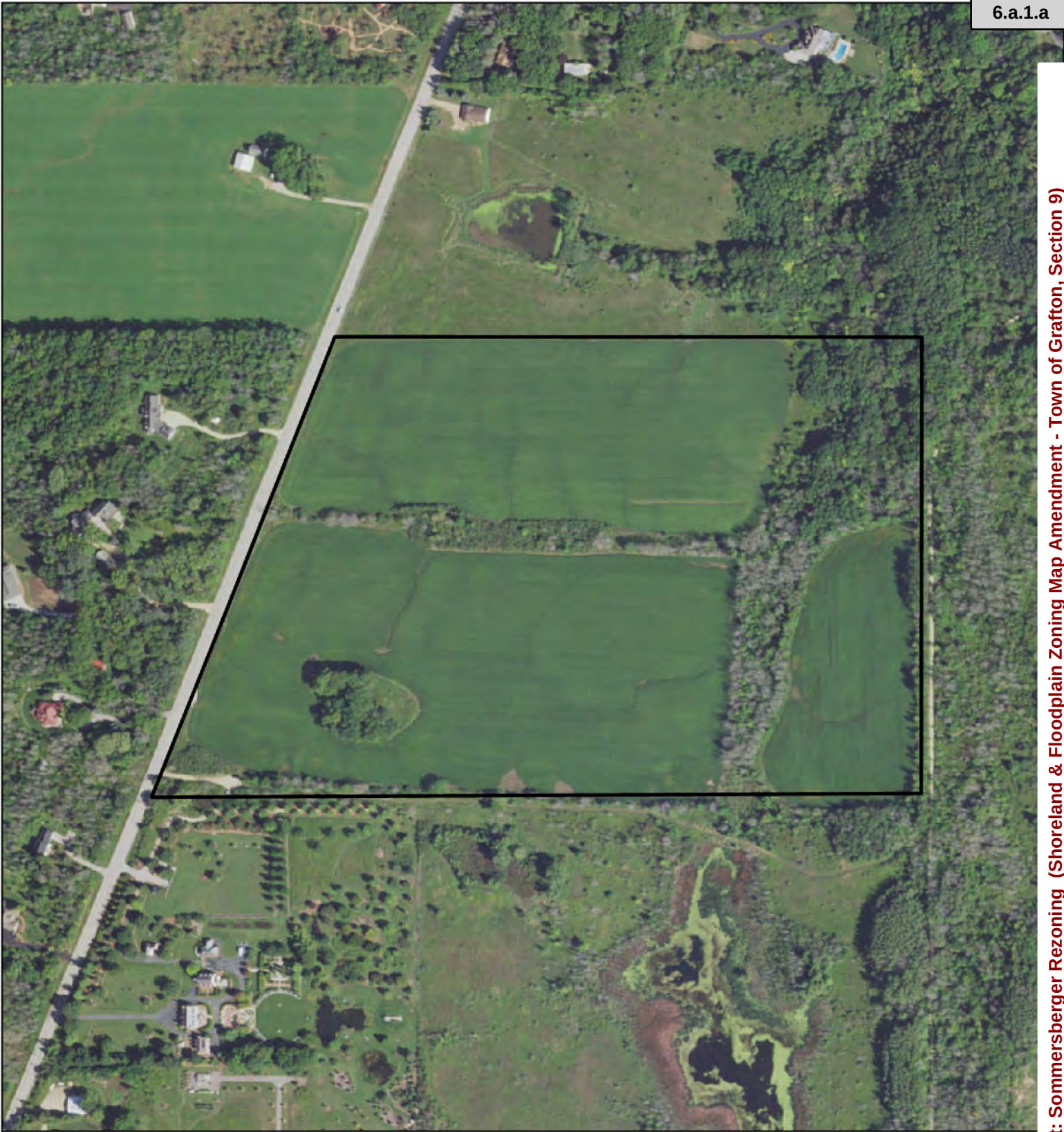
 Study Area (49.57 ac)

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



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. 42104

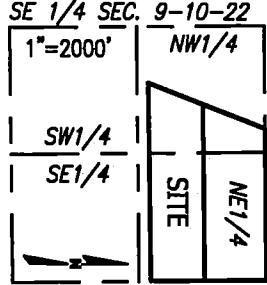
All that part of the Northeast and Northwest One-quarter (1/4) of the Southeast One-quarter (1/4) of Section Nine (9), in Township Ten (10) North, Range Twenty-two (22) East, in the Town of Grafton, County of Ozaukee, State of Wisconsin.

Owner : SLJ Stables LLC
PO Box 219
Saukville, WI 53080

- LEGEND:
- - Denotes Found 1" Iron Pipe
 - ① - Dedicated to Ozaukee County for public highway purposes

CONC. MON. WITH BRASS CAP NW COR. OF SE 1/4 SEC. 9, T10N, R22E.

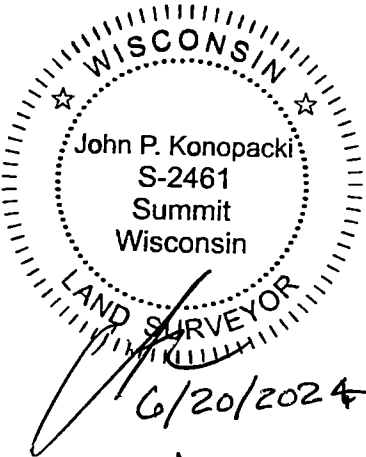
VICINITY MAP



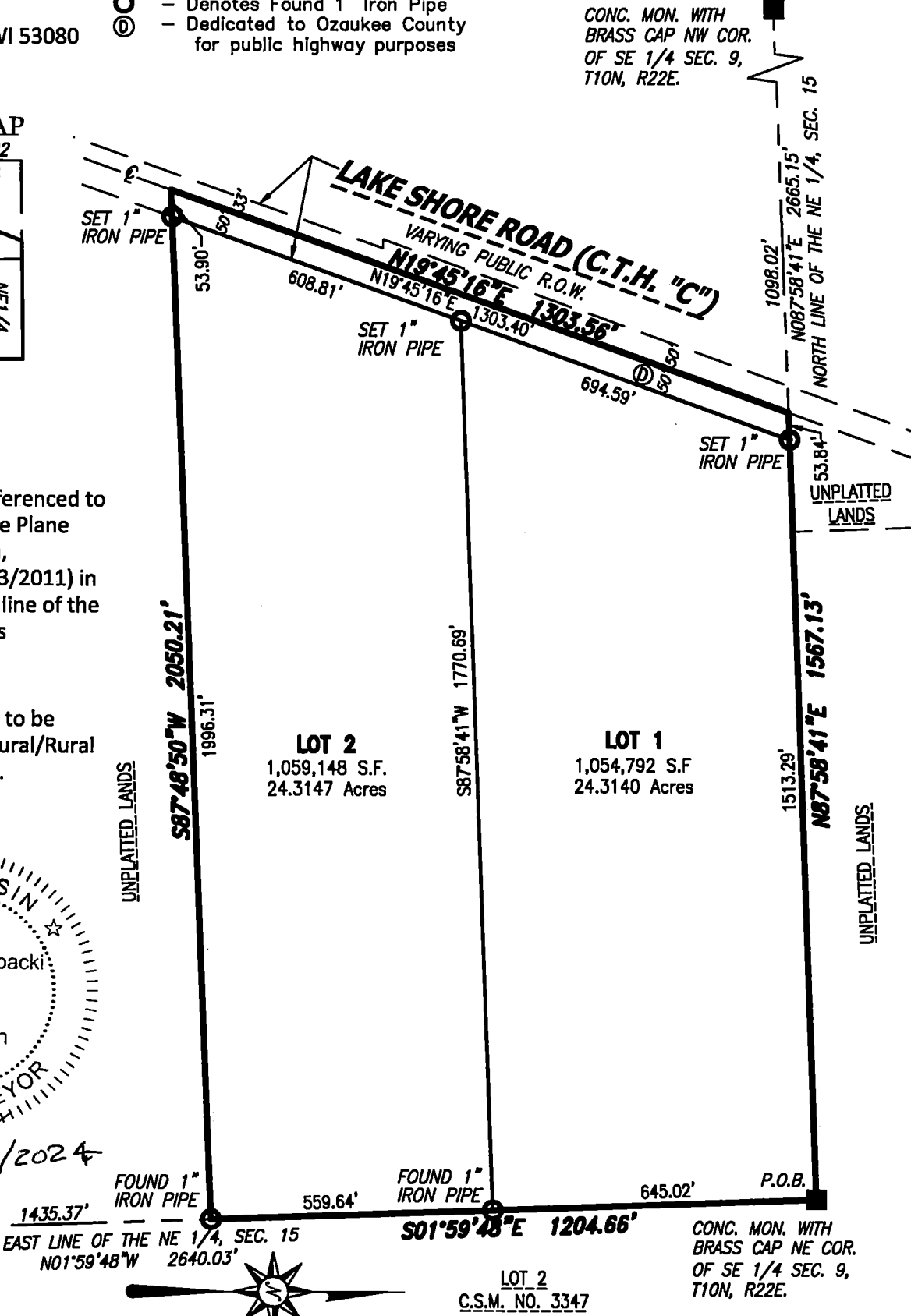
NOTE:
WETLANDS AND SETBACKS PAGE 2

All bearings are referenced to the Wisconsin State Plane Coordinate System, South-zone (NAD83/2011) in which the Easterly line of the SE 1/4, Sec. 9 bears N01°59'48"W.

Lot 1 and 2 hereon to be Zoned A-2 Agricultural/Rural Residential District.

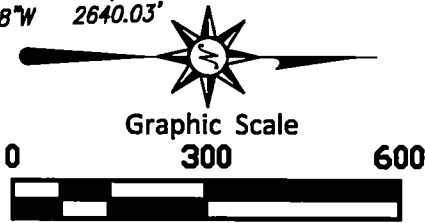


CONC. MON. WITH BRASS CAP SE COR. OF SE 1/4 SEC. 9, T10N, R22E.



CONC. MON. WITH BRASS CAP NE COR. OF SE 1/4 SEC. 9, T10N, R22E.

LOT 2
C.S.M. NO. 3347



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 1 of 6 Sheets

CERTIFIED SURVEY MAP NO. 4264

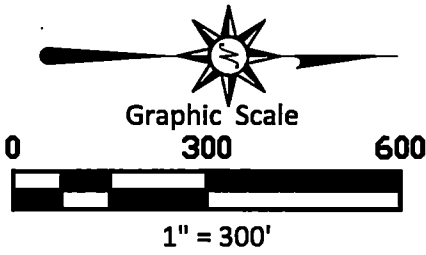
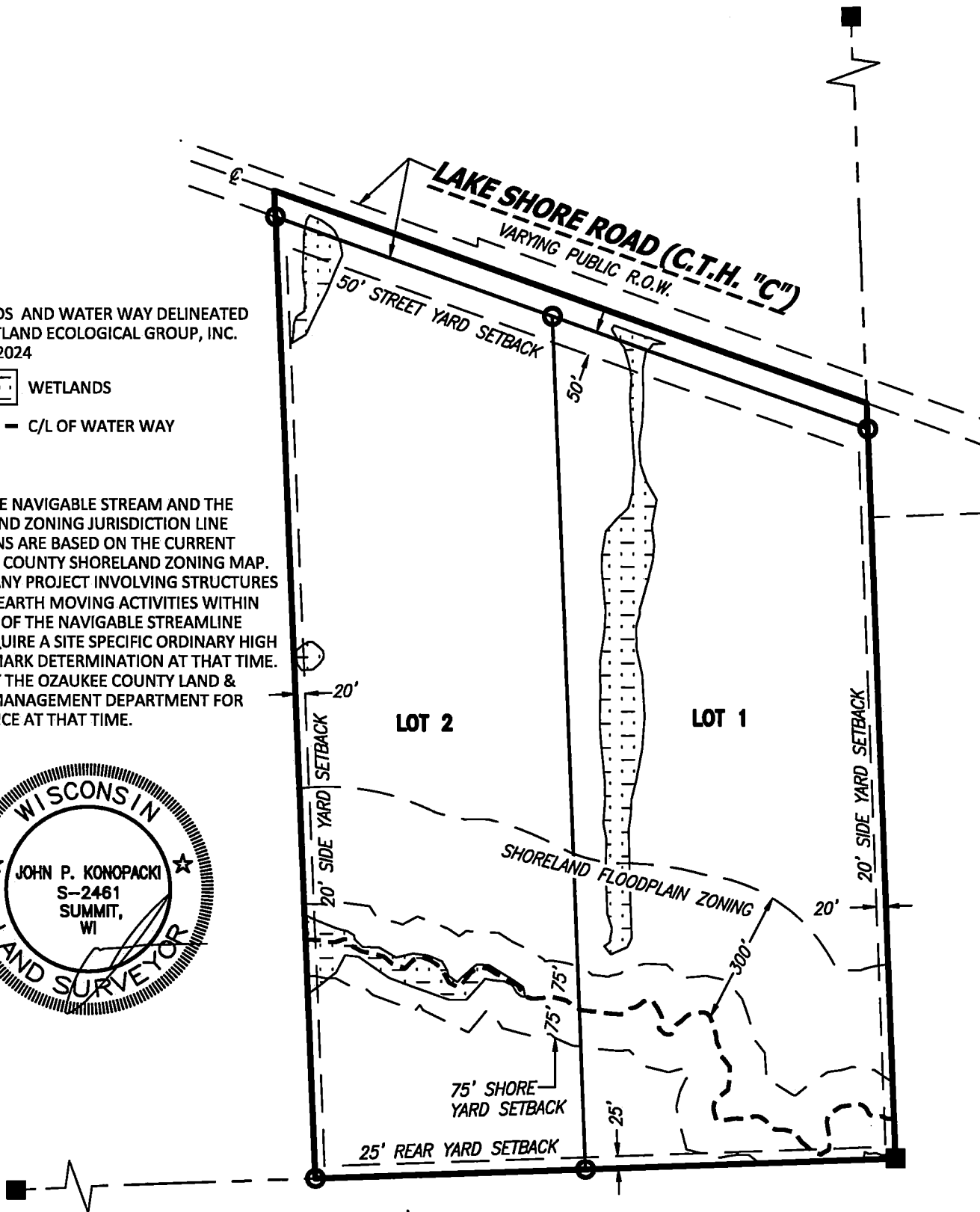
All that part of the Northeast and Northwest One-quarter (1/4) of the Southeast One-quarter (1/4) of Section Nine (9), in Township Ten (10) North, Range Twenty-two (22) East, in the Town of Grafton, County of Ozaukee, State of Wisconsin.

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 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

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.

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.

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.

By _____

Its:

Packet Pg. 142

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.

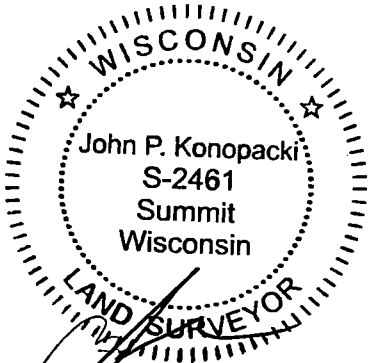
Notary Signature: _____

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

Attachment: Sommersberger Rezoning (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.

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
Lester A. Bartel, Town Chairman

Sara Jacoby
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.

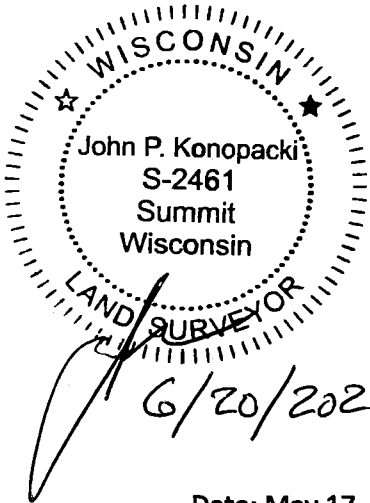
Lester A. Bartel
Lester A. Bartel, Town Chairman

Sara Jacoby
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
Theodore Neitzki IV,
Mayor and Plan Commission Chairman





LAND & WATER MANAGEMENT DEPARTMENT

6.a.1.a

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)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: August 8, 2024
DEPARTMENT: Land and Water Management
DIRECTOR: Katie Vogeler
PREPARER: Katie Vogeler

Agenda Summary LWM Monthly Reports

List of Attachments:

LWM July Financials

LWM Newsletter

FEMA Letter of Floodplain Ordinance Adoption Approval.

Producer Led State Program 2023 Report

LWM Annual Tracking Metrics

Transect Survey Presentation

NDTI Summary and images

ATTACHMENTS:

- 8 August 2024 (PUB)
- LWM July Financials (PDF)
- LWM DEPT REPORTS COMBINED (PDF)

NATURAL RESOURCES COMMITTEE

Ozaukee County

JULY 2024

Land & Water Management



Pollinator Education at Lake Breeze Farm, and students getting a closer look at a monarch caterpillar

Land & Water Resources

- **Conservation Planning/Farmland Preservation (FPP)**
 - 94 farms currently participating in Farmland Preservation Program; status reviews to be completed on about 25% of the farms in 2024 to ensure compliance with the FPP soil and water performance standards.
 - FPP Audit was completed on Friday July 12—no issues were noted with the program or how it is being run.
 - Inspections to the 25% of current participants will begin shortly.
- **Best Management Practices Design and Certification**
 - Collaborating with NRCS on cost share projects.
 - 2024 projects include: Animal Waste Storage, 2 Storage Abandonments, grassed waterway, and new Nutrient Management Plans implemented
- **Administration of Cost-Share Agreements (grants)**
 - 2024 SWRM BOND = \$56,200 plus \$41,604.10 in carryover, and SEG = \$25,000 plus \$17,453 in carryover.
 - MDV funds arrived this spring leaving a running balance of \$34,257.95 to be used on projects with Phosphorus Runoff reductions.
 - TRM Grant, working on closing this \$225,000 grant proposal. About \$140,000 was utilized, the other projects fell through.
- **Clean Sweep Household and Ag Hazardous Waste Collection**
 - Event took place on May 4, 2024, Approximately 260 vehicles dropped off hazardous waste. Household hazardous

Mission Statement

To protect, preserve, and enhance natural resources, local ecology, and the quality of life

Ozaukee County
Admin Center
Room 223

121 W. Main Street,
PO Box 994
Port Washington, WI 53074

262-284-8313

Attachment: 8 August 2024 (LWM Monthly Reports)

waste collected was 20,615 pounds, ag waste collected was 2,058 pounds, •res collected 193.

- Clean Sweep Grant Reimbursed OZ CO \$15,460.89
- **Nutrient Management**
 - A reminder letter was sent to all operators in the county about DATCP 590 NMP requirements.
 - April 10 a Horse Nutrient Management Social Event was held at the fairgrounds.
- **NR151 Compliance Tracking**
 - No activity
- **Manure Storage Ordinance**
 - Starting to organize information / standards to update ordinance
- **Stormwater Management & Construction Site Erosion Control-WPDES Permit**
 - Our MS4 permit is current, there are some questions on the permit boundary regulated by Oz Co. Updating our Stormwater Ordinance is a goal in the near future.
- **Wildlife Damage and Abatement**
 - A landowner contacted us stating they had significant deer damage on their specialty crops. After following up with a site visit, we contacted the DNR and got them Act 82 shooting permits as abatement. They may be interested in a permanent fence in 2025.
 - A landowner contacted us stating he had significant deer damage in his apple orchard, as well as notable damage to his pumpkins. After some discussion, we recommended permanent fencing, as it would be the most efficient abatement based on his long-term goals for the business. We will be following up with him this Fall to finalize plans for fence install in 2025.
 - A landowner (who received temporary fencing cost-share last year) contacted us stating he had a lone deer that was outsmarting the fence. After some discussion, we may alter/add additional strands to the temporary fencing to aid in his abatement. We are waiting on a cost estimate for the work to be done.
- **Tree, Shrub, Prairie Grass & Wildflower Seed Program/Pollinator Plant & Grass Sale**
 - Native Plant Sale distribution took place June 14th, research has begun to search for a new nursery to supply our sale, quality and quantity are the main reasons.
 - Geo and Team received a very nice email regarding how well this program is run! Nice job team!
 - We have started planning/ordering trees for our 2024-2025 annual tree and shrub sale. We will open the sale and begin taking orders in October/November.
- **Invasive Species**
 - Share information to the general public at education booths and online posts
- **Clean Farm Families and Demo Farm Network**
 - June 18 CFF Poker Run at our Plot Day. Great feedback and around 60 attendees!
 - Currently working on DATCP PLW and TNC 2025 grant applications due September 13th.
 - Look to plan our next Pollinator day at Karrels' farm and have it open to the public.

This erosion was remedied with a designed grassed waterway, the farmer is then encouraged to lessen tillage to further reduce erosion





Land & Water Management
Septic System Information

HOME

LOGON

☐ Parcel

☐ Permit Number

☒ Site Address

Street Number

Street Name

Municipality

Search

Did you know—if you have a POWTS, you can search your address to look up when it was pumped last, and who did the work? VISIT: <https://powts.co.ozaukee.wi.us/>

Sanita•on

- **Sanita•on Ordinance**
 - One sanita•on ordinance viola•on.
 - Maintenance: 520 no•ces were sent in May; the O•ce of Corpora•on Counsel con•nues ac•on with non-compliant owners; 5109 reports •led to date in 2024
- **Wisconsin Fund**
 - No quali•ed applicants for •scal year 2024 to date.
- **Miscellaneous**
 - Working with online sanita•on permi•ng system along with LIO. Adam Ward.
 - Working on a map layer available to the public that maps out the components of their POWTS *New installs or replacements.
 - Hired our Intern in the Part Time O•ce Admin posi•on!

	Last Month	This Month	YTD
Sanitary Permits	17	12	94

Attachment: 8 August 2024 (LWM Monthly Reports)

Shoreland Protection & Floodplain Zoning Ordinances

- **Shoreland and Floodplain Zoning**
 - Attached you will find the confirmation letter that Ozaukee County successfully updated the Floodplain map (and Shoreland) per State Requirements.
- **National Flood Insurance/Community Rating System (CRS)**
 - Provided floodplain information to numerous landowners. YTD there have been no claims with substantial damage to report.
- **Miscellaneous**
 - With the new ordinances and fee schedule—we are working on creating a new Permit Application and Application guide

ONGOING: work with IT to go live with Online POWTS Permitting
 POWTS MAPS: work with Mead & Hunt

	Last Month	This Month	YTD
Zoning Permits	4	3	19

Non-Metallic Mining Reclamation

- **Non-metallic Mining Reclamation**
 - 6 of active mines in County
 - New Staff will begin to be trained in the program
- July 23rd marked our first department program audit since 2012. DNR came to review our permit fees, program processes and site inspections of three sites. They have instructed us to update our NMM fees to break even with costs, and have few ordinance updates for us to amend. We will begin working on this when we receive the formal audit report.

Other

- Geo• and Conserva•on Team received a big thank you from a Na•ve Plant Sale Customer who manages and Environmental Camp. That Camp then sent us a handout we could include at next years' event.



GOALS 2024-2026

- Training the next zoning and sanita•on specialist
- Research and update another Ordinance
- Complete the POWTS online Permi•ng System with IT

Upcoming Events

- Aug 8 NRC mee•ng
- Aug 14 Badger Crop Connect Webinar
- Aug 20 CRS Zoning Workshop
- Aug 22 ECONOMIC STUDY—MMSD pulled 2 Oz Co Farmers to study their •nancials in conven•onal and no•llage systems
- Sep 2 Labor Day
- Sep 25 Soil Health Workshop—Tes•ng the Waters, at Ozaukee and Riveredge school presenta•on



Contact Us

262-284-8313

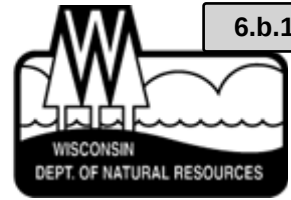
Land and Water Management Department

Ka•e Vogeler, Director
 Nick Mikkelsen, O•ce Administrator
 Geo• Schramm, Land & Water Coordinator
 Ed P•ster, Sanita•on & Zoning Coordinator
 Chase Brouille•e, Soil & Water Conserva•onist
 Sarah Kempen, Conserva•on Planner/Soil Health Specialist
 Barry Sullivan, Sanita•on & Zoning Specialist
 Tony Aus•n, Technical Support Specialist

Ozaukee County Committee Report
General Fund Land and Water Management
 For the Seven Months Ending Wednesday, July 31, 2024
 Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Prior YTD Actual	Current Month Actual	2024 YTD Actual	2024 Amended Budget	Budget Balance	% Budget YTD
Revenues						
Intergovernmental Revenues	(\$169,783)	-	(\$66,742)	\$431,517	\$498,259	-15.47%
Public Charges for Services	\$82,316	\$4,389	\$108,914	\$154,010	\$45,096	70.72%
Licenses & Permits	\$71,236	\$12,939	\$75,166	\$113,000	\$37,834	66.52%
Other Revenue	\$38,110	\$68	\$59,873	\$67,600	\$7,727	88.57%
Total Revenues	\$21,879	\$17,396	\$177,211	\$766,127	\$588,916	23.13%
Expenditures						
Salaries	\$299,495	\$51,166	\$314,872	\$654,966	\$340,094	48.07%
Fringe Benefits	\$121,955	\$18,144	\$132,439	\$232,091	\$99,652	57.06%
Travel/Training	\$7,057	\$190	\$4,066	\$16,725	\$12,659	24.31%
Supplies	\$24,531	-	\$17,425	\$25,828	\$8,403	67.47%
Purchased Services	\$23,158	\$5,458	\$16,999	\$144,124	\$127,125	11.79%
Interdepartment Charges	\$25,323	-	\$20,163	\$44,983	\$24,820	44.82%
Grants	\$46,624	\$2,071	\$15,289	\$251,100	\$235,811	6.09%
Other Expenses	\$67,589	\$1,579	\$62,868	\$97,718	\$34,850	64.34%
Total Operating Expenditures	\$615,732	\$78,608	\$584,121	\$1,467,535	\$883,414	39.80%
Capital Outlay						
Total Expenditures	\$615,732	\$78,608	\$584,121	\$1,467,535	\$883,414	39.80%
Net Increase (Decrease)	(\$593,853)	(\$61,212)	(\$406,910)	(\$701,408)	(\$294,498)	58.01%
Equity:						
Assigned	(\$146,145)	-	(\$154,496)	-	\$154,496	0.00%
Due To / Due From	(\$544,409)	(\$61,211)	(\$329,480)	-	\$329,480	0.00%

Attachment: LWM July Financials (LWM Monthly Reports)



Thursday, July 11, 2024

Lee Schlenvogt, Chairman
Ozaukee County
PO BOX 994 121 W MAIN ST
PRT WASHINGTON WI 53074-0994

Electronic delivery via email: lschlenvogt@ozaukeecounty.gov

Subject: Ozaukee County. Floodplain Zoning Ordinance Approval. Community Seq. No: 45. FEMA Community ID: 550310.

Dear Lee Schlenvogt,

We appreciate your community's effort in upgrading your floodplain zoning regulations. Please note the conditions that must be met for this approval to remain valid.

Successful floodplain management and implementation of these regulations will depend on effective administration and enforcement of the ordinance within the limits prescribed by the law. For instance, section 87.30(2)(a), Wisconsin Statutes states that any person who places or maintains any structure, building, fill or development within any floodplain in violation of a zoning ordinance adopted under this section, or s. 59.69, 61.35 or 62.23 may be fined not more than \$50 for each offense. Each day during which such violation exists is a separate offense.

For assistance, please contact Mia Van Horn, Floodplain Zoning Ordinance Coordinator (608) 590-5296 or via email Michele.VanHorn@wisconsin.gov.

FINDINGS OF FACT

1. On July 03, 2024, the Ozaukee County adopted a new Floodplain Zoning Ordinance, following public notice and hearing.
2. The purpose of this action was to bring the Floodplain Zoning Ordinance into compliance with minimum state and federal floodplain management standards.
3. Ozaukee County submitted the floodplain zoning ordinance to the Department for review and approval.

CONCLUSIONS OF LAW

1. The Department is authorized by s. 87.30, Wis. Stats., and Ch. NR 116.21 and NR 116.22, Wis. Adm. Code, to review and approve floodplain zoning ordinances.
2. The community has complied with the procedural requirements for adoption of this ordinance according to Wisconsin Statutes.
3. This ordinance is consistent with the requirements of Ch. NR 116, Wis. Adm. Code and 44 CFR, Part 60.

DECISION

On July 11, 2024, the Department approved the adopted ordinance, subject to the following conditions:

1. According to National Flood Insurance Program regulations your community must send all map revisions affecting floodplain boundaries and text changes to the Department.
2. Your community must send all community boundary amendments to the Department.

NOTICE OF APPEAL RIGHTS

If you believe that you have a right to challenge this decision, you should know that Wisconsin statutes and administrative rules establish time periods within which request to review Department decisions must be filed.

For judicial review of a decision pursuant to sections 227.52 and 227.53, Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to file your petition with the appropriate circuit court and serve the petition on the Department. Such a petition for judicial review shall name the Department of Natural Resources as the respondent.

To request a contested case hearing pursuant to section 227.42, Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of Department of Natural Resources. The filing of a request for a contested case hearing is not a prerequisite for judicial review and does not extend the 30-day period for filing a petition for judicial review.

This notice is provided pursuant to section 227.48(2), Stats. This decision was emailed on Thursday, July 11, 2024.

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

For the Secretary



Mia A. Van Horn
Floodplain Zoning Ordinance Coordinator
Wisconsin Department of Natural Resources
Madison office

Copy to: Mr. Andrew Struck - Planning & Parks, via astruck@ozaukeecounty.gov
Katie Vogeler - Ozaukee County, via kvogeler@ozaukeecounty.gov
Karen Niemuth - Ozaukee County, via Knemuth@ozaukeecounty.gov
Andrea K Stern, P. E. - Wisconsin DNR, via andrea.stern@wisconsin.gov
Gabriel Jackson, Floodplain Management FEMA Region V, via Gabriel.jackson@fema.dhs.gov

Attachment: LWM DEPT REPORTS COMBINED (LWM Monthly Reports)

2023 Conservation Progress Report



Producer-Led Watershed Protection Grant Program

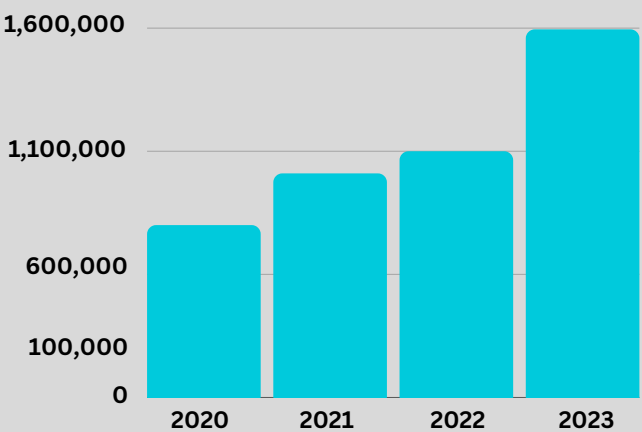
PARTICIPATION CONTINUES TO GROW



In 2023, there were **43 producer-led groups** funded by the program, encompassing **2,016 members** and **782,674 acres of managed farmland**, compared to 1,893 members and 643,829 acres in 2022.

CONSERVATION PRACTICES INCREASE BY 43% FROM 2022

In 2023, conservation practices implemented by producer-led groups **grew to over 1.58 million acres.**



KEEPING SOIL AND NUTRIENTS IN PLACE

15% increase in no-till practices



Minimizing disturbance to the soil to help prevent erosion from wind and water.

29% increase in nutrient management



Applying nutrients at the right rate, time, and place so they don't run off into waterways.

2% increase in cover crops



Keeping the ground covered to hold soil in place and feed soil microbes.

ENVIRONMENTAL IMPACT

The 129,936 acres of cover crops planted and 130,338 acres of land under no-till management in 2023 potentially reduced an *estimated** :

Did you know?

This is comparable to 17,738 gas powered passenger vehicles driven for one year.

79,823 tons of carbon dioxide equivalents of soil-based greenhouse gas emissions

213,561 tons of soil erosion occurring on farm fields

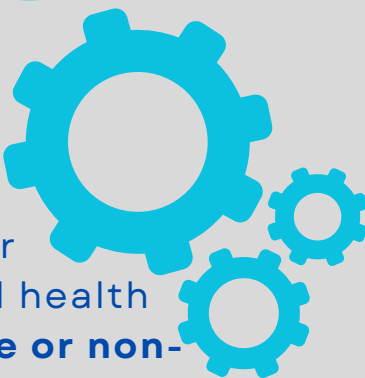
143,068 pounds of phosphorus from leaving farm fields

Did you know?

One pound of P that reaches a waterbody can feed up to 500 pounds of algae and one dumptruck load can carry as much as 10 tons of soil.

SOIL HEALTH SYSTEMS

Farmers in producer-led groups are integrating multiple practices onto their farms as part of a larger soil health system, including **innovative or non-traditional soil health practices.**



In 2023, producer-led groups implemented nearly **552,510 acres** of these “other soil health practices”, which include **targeted nitrogen management, managed grazing, and other perennial vegetation practices.**

This report was developed by the Wisconsin Department of Agriculture, Trade and Consumer Protection.

* All estimates are provided from models. Actual reductions in pollutants may be higher or lower.

Contact:

Randall.Zogbaum@wi.gov

July 2024

SANITATION & ZONING

Row Labels	Sum of # of Sanitation Permits	Sum of # of POWTS Plan Reviews	Sum of # of Sanitary Inspections	Sum of # of Sanitary Inspections (Final Inspections)	Sum of # of POWTS Maintenance Notices	Sum of # of Zoning Permits
2021 SUM	130	130	442	99	3,400	52
2022 SUM	128	115	424	55	3,498	67
2023 SUM	163	135	428	126	3,748	55
2024 SUM						

CONSERVATION

Row Labels	Sum of # of FPP Certifications	Sum of # of Farmland Preservation Acres	Sum of # of Wildlife Damage Complaints	Sum of # of New Acres Enrolled in Nutrient Management Plans	Sum of # of New Cover Crop Acres	Sum of # of New No-Till Acres	Sum of \$ Amount - SWRM & TRM Bonded Hard Practices	Sum of # of CFF Events	Sum of # of Demo Farm Events	Sum of # of Conservations Plan Reviewed	Sum of # of Conservation Plans Out of Compliance	Sum of # of Pounds - Clean Sweep	Sum of Tractor/Drill-Interseeder Acres YTD	Sum of Airseeder Acres YTD	Sum of Crimper Acres YTD
2021 SUM	20	10,488	3	0	950	650	\$87,665.00	8	1	2	0	42,441	660	0	
2022 SUM	21	10,580	11	336	1,127	1,197	\$355,363.00	5	2	2	0	17,593	776	750	1
2023 SUM	36	10,300	6	218	1,192	495	\$379,363.00	10	4	15	0	15,860	753	653	27
2024 SUM															

Summary of the Ozaukee County Transect Survey (2016-2023)

Jack Groskreutz

1

Tillage Type

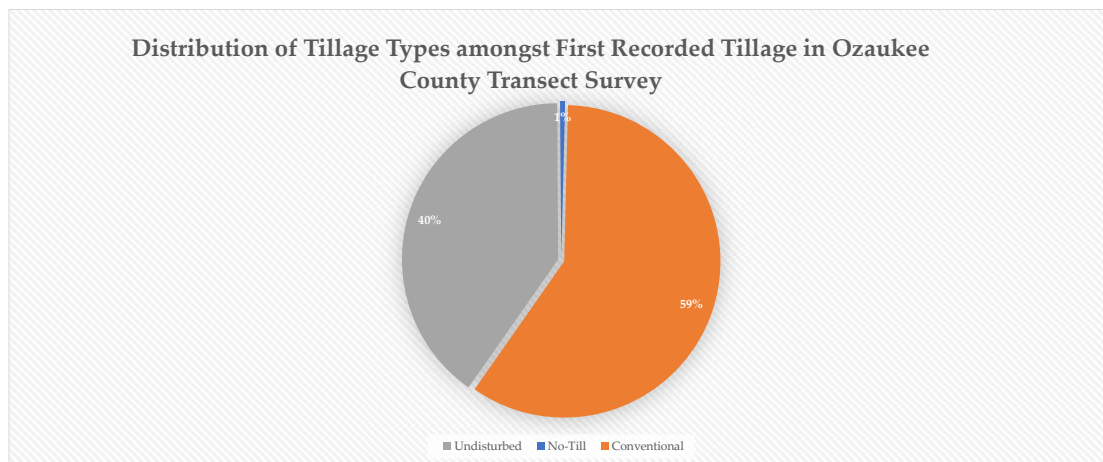
- What’s happening in field → Data
- Easy to consume
- Most accurate

Label	Parameters
Undisturbed	Alfalfa, Grass/Hay, Prairie, Trees, CREP, Pasture
Conventional	Crop Residue < %50
No-Till	Crop Residue > %50

2

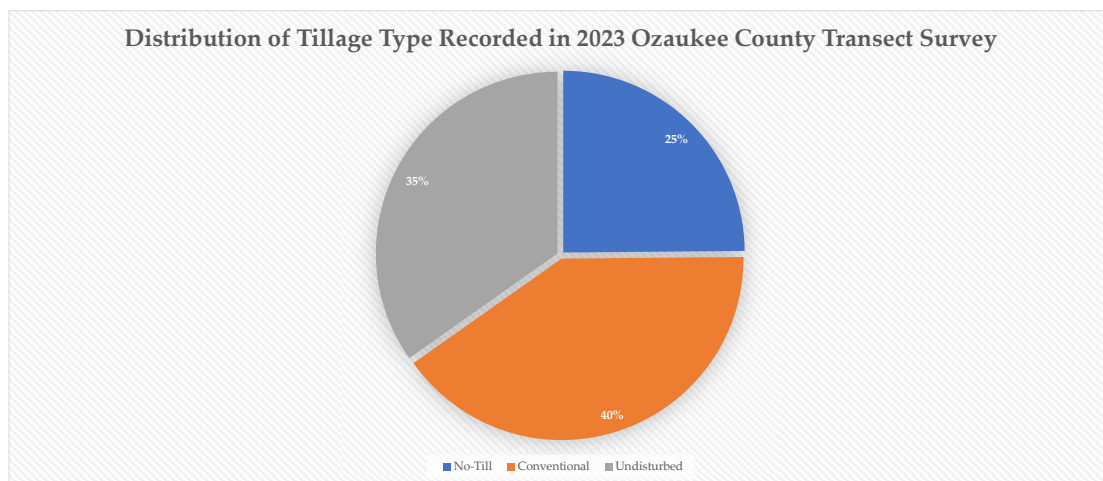
Attachment: LWM DEPT REPORTS COMBINED (LWM Monthly Reports)

Starting Point (2016)



3

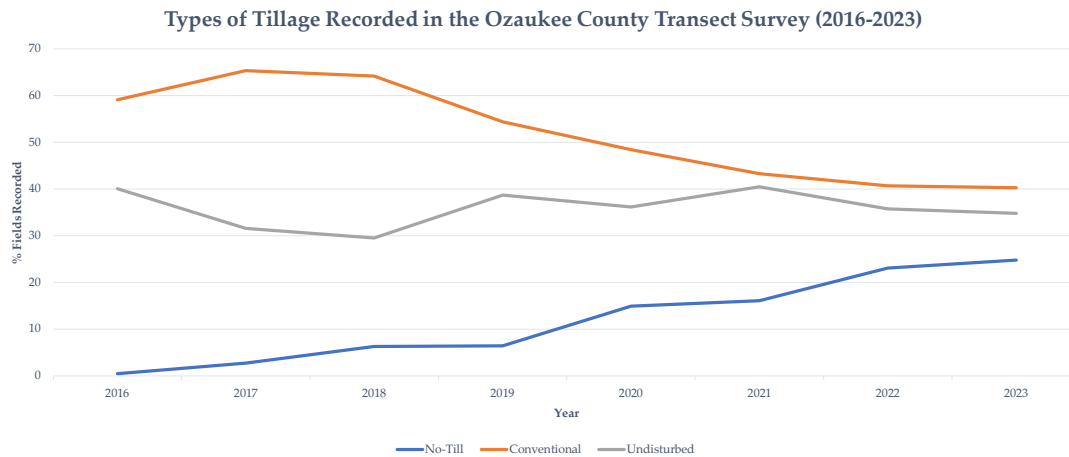
Currently (2023)



4

Attachment: LWM DEPT REPORTS COMBINED (LWM Monthly Reports)

Over the Past 8 Years



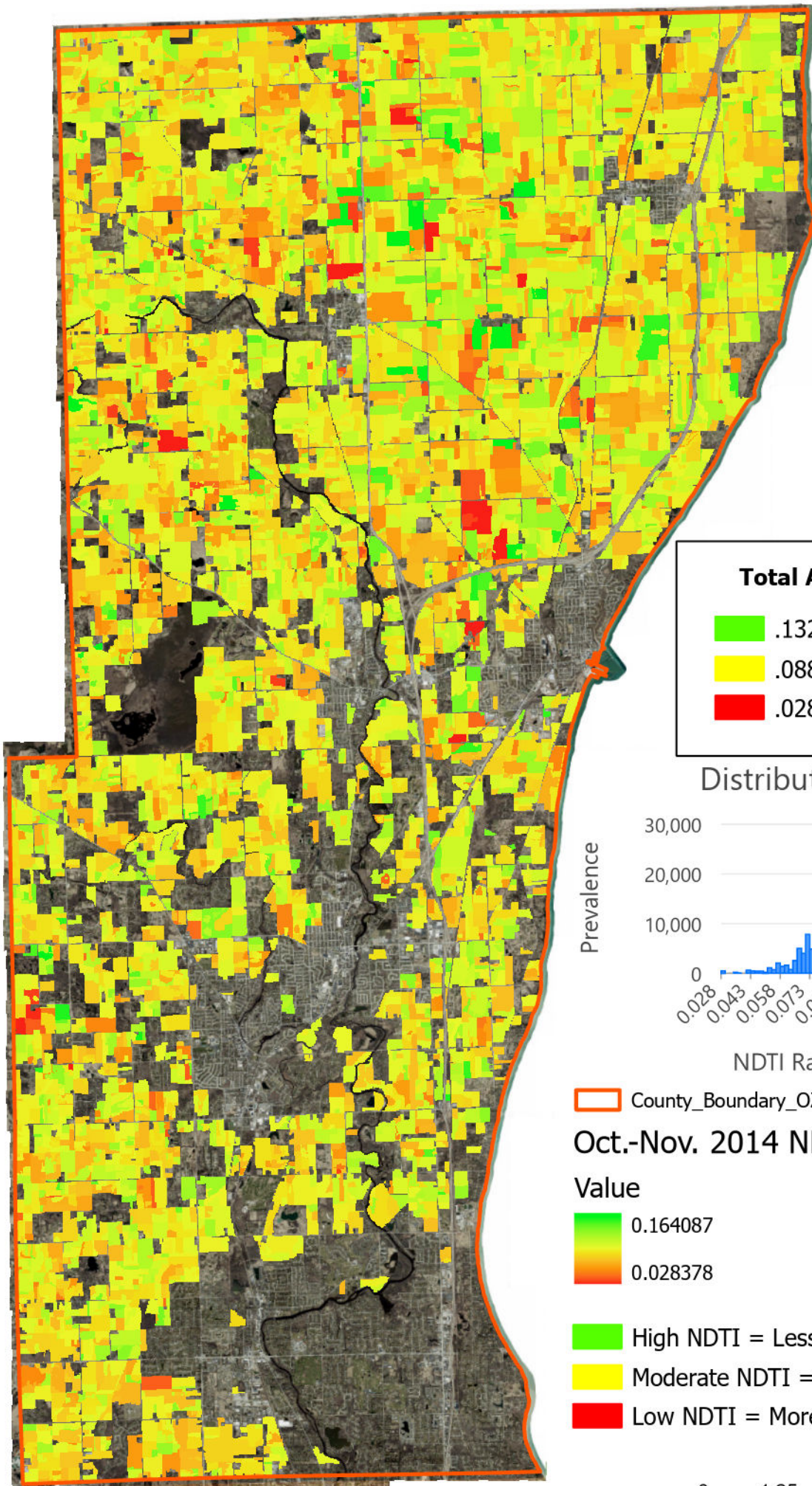
5

Attachment: LWM DEPT REPORTS COMBINED (LWM Monthly Reports)

A Normalized Difference Tillage Index or in other words, a NDTI, is a scale used to map the intensity of soil tillage. The NDTI is based on the reflectance of the Earth's surface. Using this tool we can get a rough estimate of which fields in Ozaukee county are conventionally tilled and which are no-tilled. The reflectance measured can determine the amount of residue left on each field which in turn can give us a hint of the tillage that is used. Residue is plant debris left over from the previous year's crop or a cover crop. When a field is no-till there is more residue left over, compared to a conventionally tilled field where that residue is ground up and buried in the soil leaving exposed soil. Since plants and plant debris are very reflective this leads to a green color appearing on the map. Bare exposed soil is very absorbent leading to a red color. There are a few things such as tree cover and clouds are some other things that affect the NDTI. Both of those things are very reflective leading to some potentially incorrect readings depending on the intensity and the area.

Looking at these maps you can see a positive trend over the years and a switch of conventional tilling or no-tilling. When looking at the numbers and percentages you can see the acreage and percentage of the "red zone" clearly going down from where it was in 2014 and being much more "green zone" dominated. In other words, there seems to be a great shift from conventional tillage leaving little to no residue on fields to no-till and more conservation focused practices. Which is great news for our soil health!

2014 NDTI



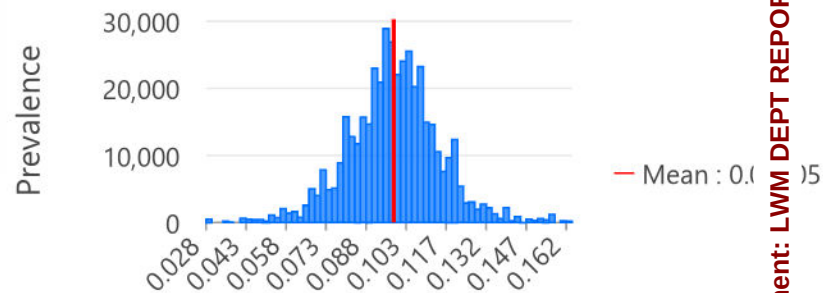
Total Acreage = 117,148.26 acres

Green .132-.164 = 24% = 28,115.58 ac

Yellow .088-.132 = 32% = 37,487.44 ac

Red .028-.088 = 44% = 51,545.23 ac

Distribution of NDTI 2014



NDTI Rating (Low to High)

County_Boundary_OZ

Oct.-Nov. 2014 NDTI

Value

0.164087

0.028378

High NDTI = Less Tillage, More Residue

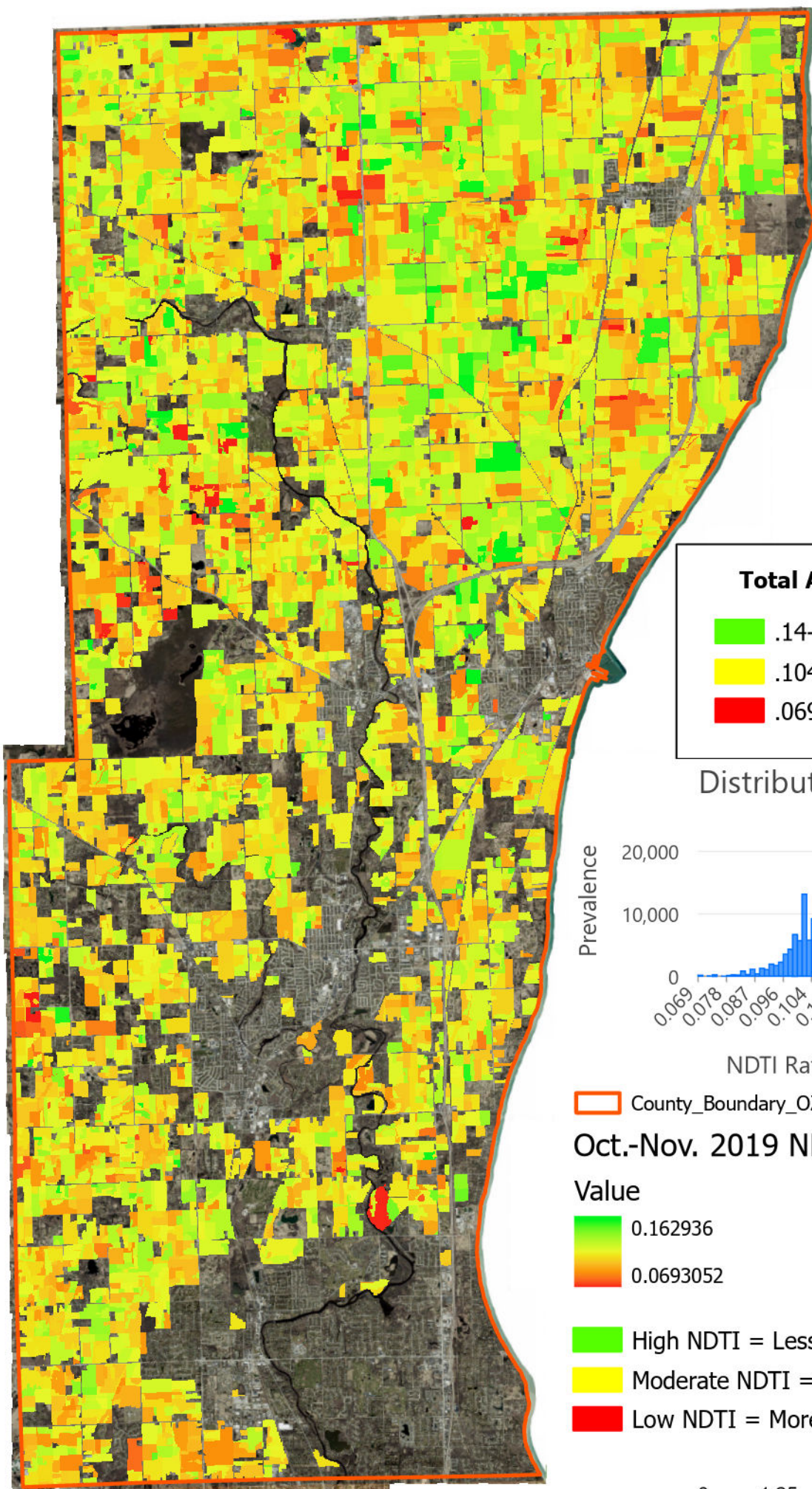
Moderate NDTI = Varied Tillage, Moderate Residue

Low NDTI = More Tillage, Lower Residue



0 1.25 2.5

2019 NDTI



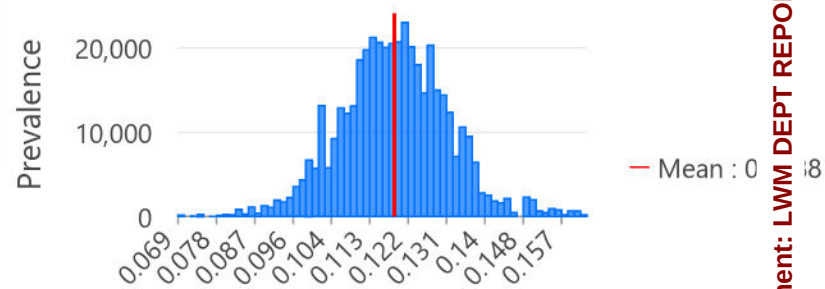
Total Acreage = 117,148.26 acres

Green .14-.163 = 24.5% = 28,701.32 ac

Yellow .104-.14 = 38.3% = 44,867.78 ac

Red .069-.104 = 37.2% = 43,579.15 ac

Distribution of NDTI 2019



NDTI Rating (Low to High)

County_Boundary_OZ

Oct.-Nov. 2019 NDTI

Value

0.162936

0.0693052

High NDTI = Less Tillage, More Residue

Moderate NDTI = Varied Tillage, Moderate Residue

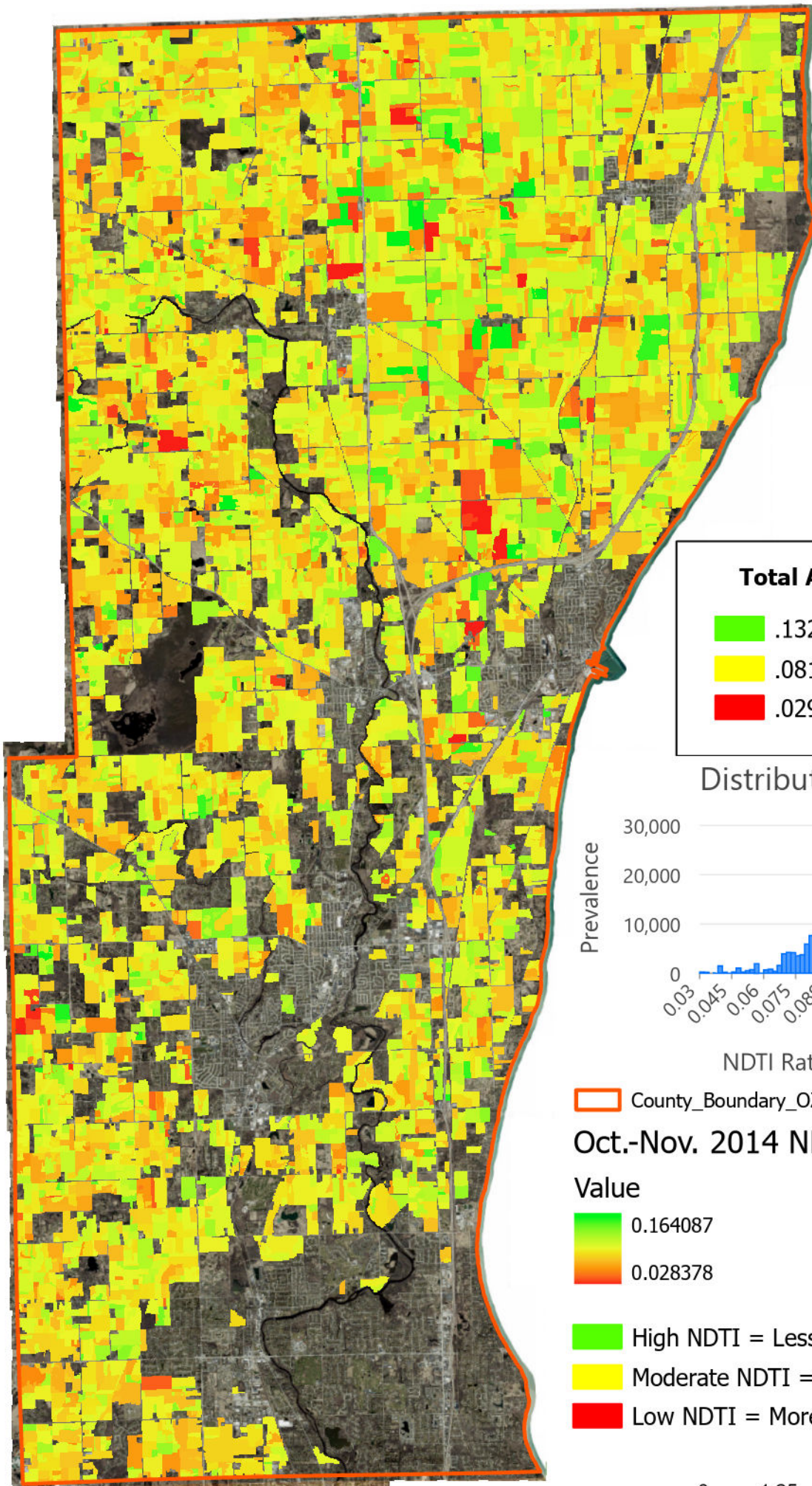
Low NDTI = More Tillage, Lower Residue



0 1.25 2.5

Packet Pg. 162

2021 NDTI



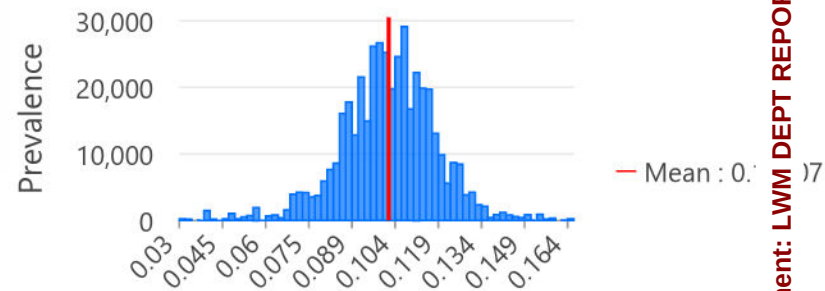
Total Acreage = 117,148.26 acres

Green .132-.166 = 25% = 29,287.07 ac

Yellow .081-.132 = 37% = 43,344.86 ac

Red .029-.081 = 38% = 44,516.34 ac

Distribution of NDTI 2021



NDTI Rating (Low to High)

County_Boundary_OZ

Oct.-Nov. 2014 NDTI

Value

0.164087

0.028378

High NDTI = Less Tillage, More Residue

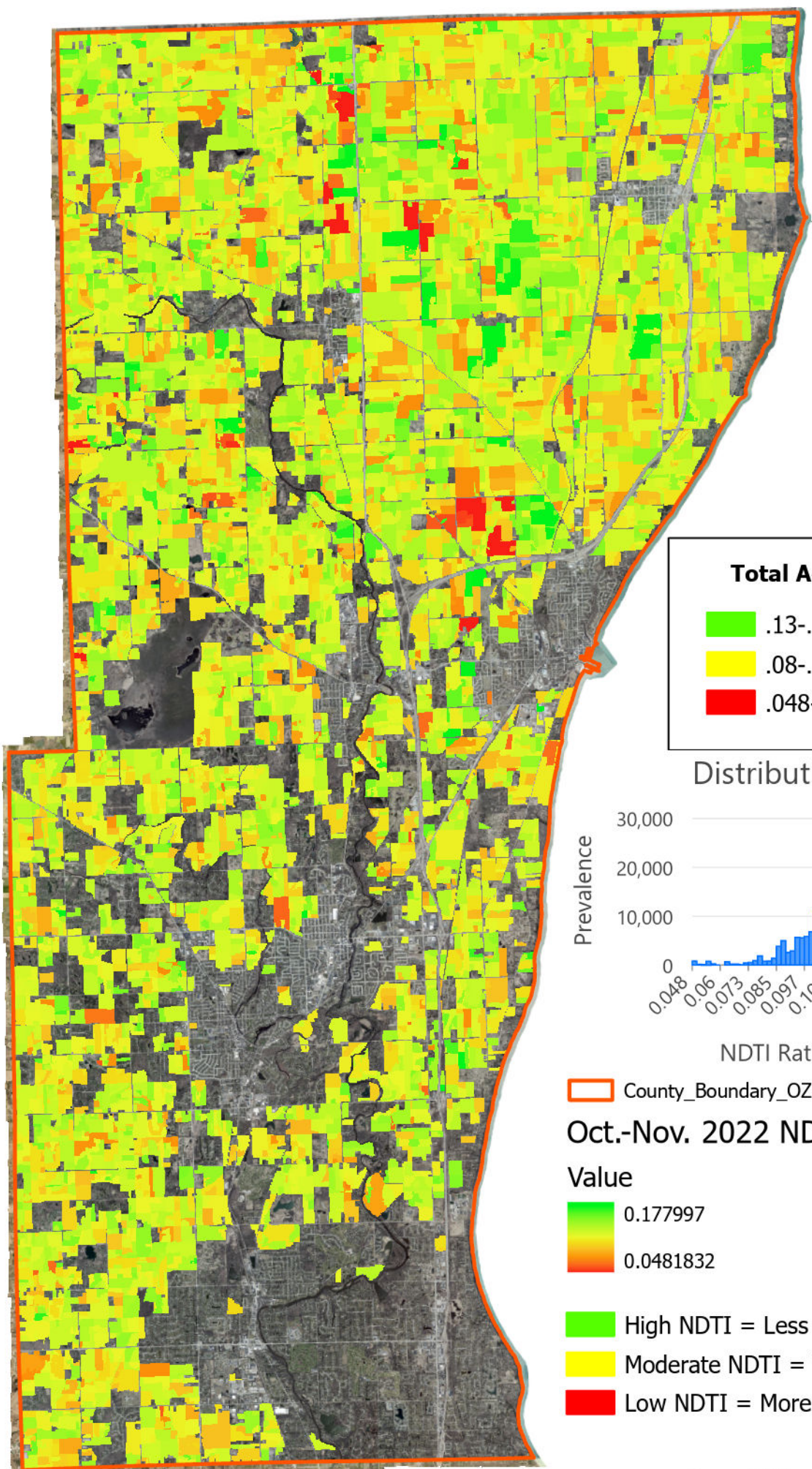
Moderate NDTI = Varied Tillage, Moderate Residue

Low NDTI = More Tillage, Lower Residue



0 1.25 2.5

2022 NDTI



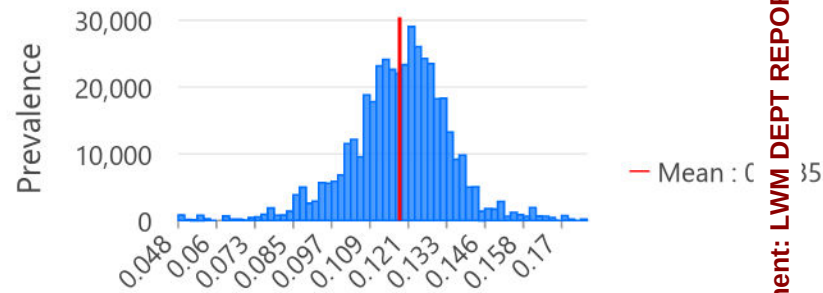
Total Acreage = 117,148.26 acres

Green .13-.17 = 32.8% = 38,424.63 acres

Yellow .08-.13 = 41% = 48,030.79 acres

Red .048-.08 = 26.2% = 30,692.844 acres

Distribution of NDTI 2022



NDTI Rating (Low to High)

County_Boundary_OZ

Oct.-Nov. 2022 NDTI

Value

0.177997

0.0481832

High NDTI = Less Tillage, More Residue

Moderate NDTI = Varied Tillage, Moderate Residue

Low NDTI = More Tillage, Lower Residue



0 1.25 2.5

Packet Pg. 164

Natural Resources Committee**AGENDA INFORMATION SHEET**

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

Agenda Summary Public Hearing for Ozaukee County Code of Ordinances Chapter XV:
Ozaukee County-Owned Lands Zoning Ordinance Revision

Public Hearing Notice for County-Owned Lands Zoning Ordinance Revision

ATTACHMENTS:

- P&P_Dept_PublicHearingPublicNotice - CountyOwnedLandsOrdinanceRevision (PDF)

NATURAL RESOURCES COMMITTEE



PLANNING & PARKS DEPARTMENT

Andrew T. Struck, Director

www.co.ozaukee.wi.us/540/Planning-Parks

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. Modify Chapter XV: Ozaukee County-Owned Lands Zoning Ordinance, 15.023 P-1 Park and Recreation District to include:

26. Nature and Visitor Centers
27. Nature Schools

Information regarding this item on file with the Ozaukee County Planning and Parks Department, Room 220, 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

August 1, 2024

Attachment: P&P_Dept_PublicHearingPublicNotice - CountyOwnedLandsOrdinanceRevision

Natural Resources Committee**AGENDA INFORMATION SHEET**

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

Agenda Summary Public Hearing for Ozaukee County Code of Ordinances Chapter V: Regulations Pertaining to Public Property Ordinance Revision - Rules and Regulations Governing County Parks (5.01)

Public Hearing Notice for Regulations Pertaining to Public Property Ordinance Revision

ATTACHMENTS:

- P&P_Dept_PublicHearingPublicNotice - RegulationsPertainingtoPublicPropertyOrdinanceRevision2 (PDF)

NATURAL RESOURCES COMMITTEE



PLANNING & PARKS DEPARTMENT

Andrew T. Struck, Director

www.co.ozaukee.wi.us/540/Planning-Parks

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. 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

2. Modify Chapter V: Regulations Pertaining to Public Property; Chapter 5.01 Rules and Regulations Governing County Parks to include additions to (3) Unlawful Conduct item (t):

To carry, conceal carry or otherwise possess any firearm on the Sugar Maple Nature School grounds, or within 1,000 feet of the school grounds, which is located on Hawthorne Hills County Park and Golf Course property.

Information regarding this item on file with the Ozaukee County Planning and Parks Department, Room 220, 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

August 1, 2024

ORDINANCE NO. (ID # 10201)

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

NATURAL RESOURCES COMMITTEE

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE:	August 8, 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. (ID # 10202)

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](#)
- (3) Unlawful Conduct.
 - (t) [To carry, conceal carry or otherwise possess any firearm on the Sugar Maple Nature School grounds, or within 1,000 feet of the school grounds, which is located on Hawthorne Hills County Park and Golf Course property.](#)

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 and to restrict firearm possession on the Sugar Maple Nature School grounds, or within 1,000 feet of the School Grounds consistent with Wisconsin Statute 948.605(3)(b)3.

VOTE REQUIRED: MAJORITY

NATURAL RESOURCES COMMITTEE

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE:	August 8, 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.

In addition, on December 6, 2023, the Ozaukee County Board of Supervisors approved Resolution 23-44 approving execution 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. The MOA also specifies Shared Use areas within Hawthorne Hills County Park and Golf Course. On July 3, 2024, the Ozaukee County Board of Supervisors approved Resolution 24-9 amending the MOA to extend the school term to a 5-year period. The Department and Sugar Maple Nature School has been developing an Emergency Operations Plan (EOP) for the School in conjunction with the Ozaukee County Sheriff's Department, and the School and Sheriff's Department has recommended and requested an ordinance update to restrict possession of firearms on the School grounds and within 1,000 feet of the School grounds, consistent with Wisconsin Statute 948.605(3)(b)3 as part of the EOP.

ANALYSIS: This ordinance revision would include the following changes:

1. 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

2. Modify Chapter V: Regulations Pertaining to Public Property; Chapter 5.01 Rules and Regulations Governing County Parks to include additions to (3) Unlawful Conduct item (t):

To carry, conceal carry or otherwise possess any firearm on the Sugar Maple Nature School grounds, or within 1,000 feet of the school grounds, which is located on Hawthorne Hills County Park and Golf Course property.

FISCAL IMPACT: N/A

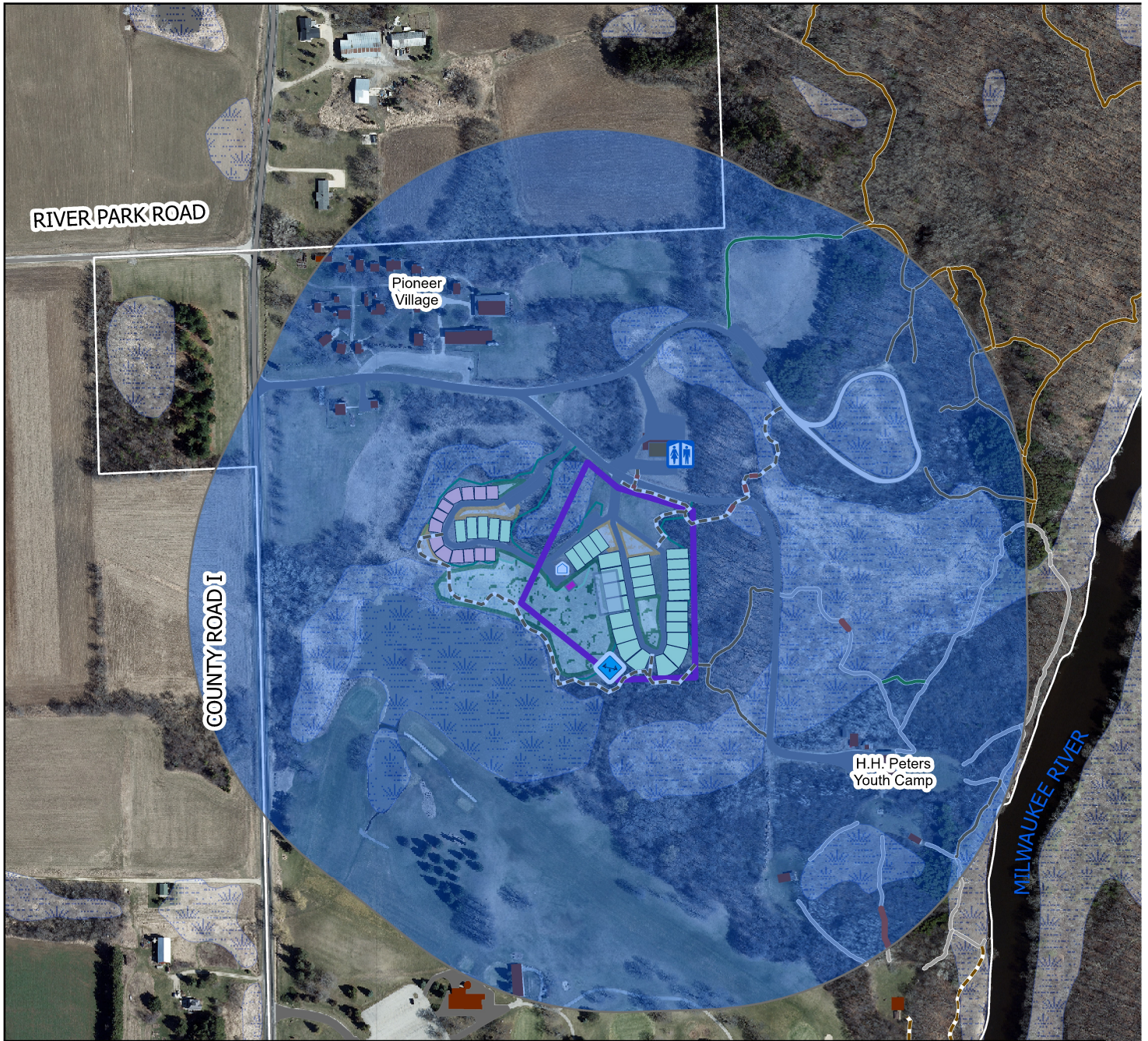
FUNDING SOURCE: County Levy: NA Non-County Levy: NA Indicate source: NA

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 and to restrict firearm possession on the Sugar Maple Nature School grounds, or within 1,000 feet of the School Grounds consistent with Wisconsin Statute 948.605(3)(b)3, as outlined in the attached ordinance revision.

ATTACHMENTS:

- P&PDept_HHPark_SMNSchool_6.24.24_1000ftbuffer_aerial (PDF)
- P&P_Dept_HHPark_SMNSchool_6.24.24_1000ftbuffer (PDF)
- County Park System Map 7.31.24 (without MKE Oxbow) (PDF)
- P&P_Dept_Ozaukee
County_RegulationsPertainingtoPublicPropertyOrdinance_ChapterV_Revision_ATSFinal073124_P1&3-4 (PDF)

Hawthorne Hills County Park - School Grounds and 1,000 Foot Buffer Area



Legend

- | | | | |
|-----------------------------------|-------------------------------|---|---------------------------|
| 1000 ft Buffer Around School Area | Gravel Trail (ADA Compliant) | Structure | Gravel Drive |
| Sugar Maple School Area | Natural/Woodchipped Trail | Future Tent Campsite (40' x 30'), 13 sites in Phase 1 | Asphalt Pavement |
| Park Boundary | Boardwalk | Future RV Campsite (65' x 30'), 32 sites: 5 in Phase 1, 27 in Phase 2 | Prairie Restoration Area |
| Classroom Building (125x70') | Future Trail | Sanitary Holding Tanks 20x30ft | Woodland Restoration Area |
| Future Bridge or Boardwalk | Future Pit Toilets (30x40 ft) | Future Playground | Wetland (WWI, 2019) |
| Mowed Grass Trail | Restrooms and Showers | | Outer Fill Edge |

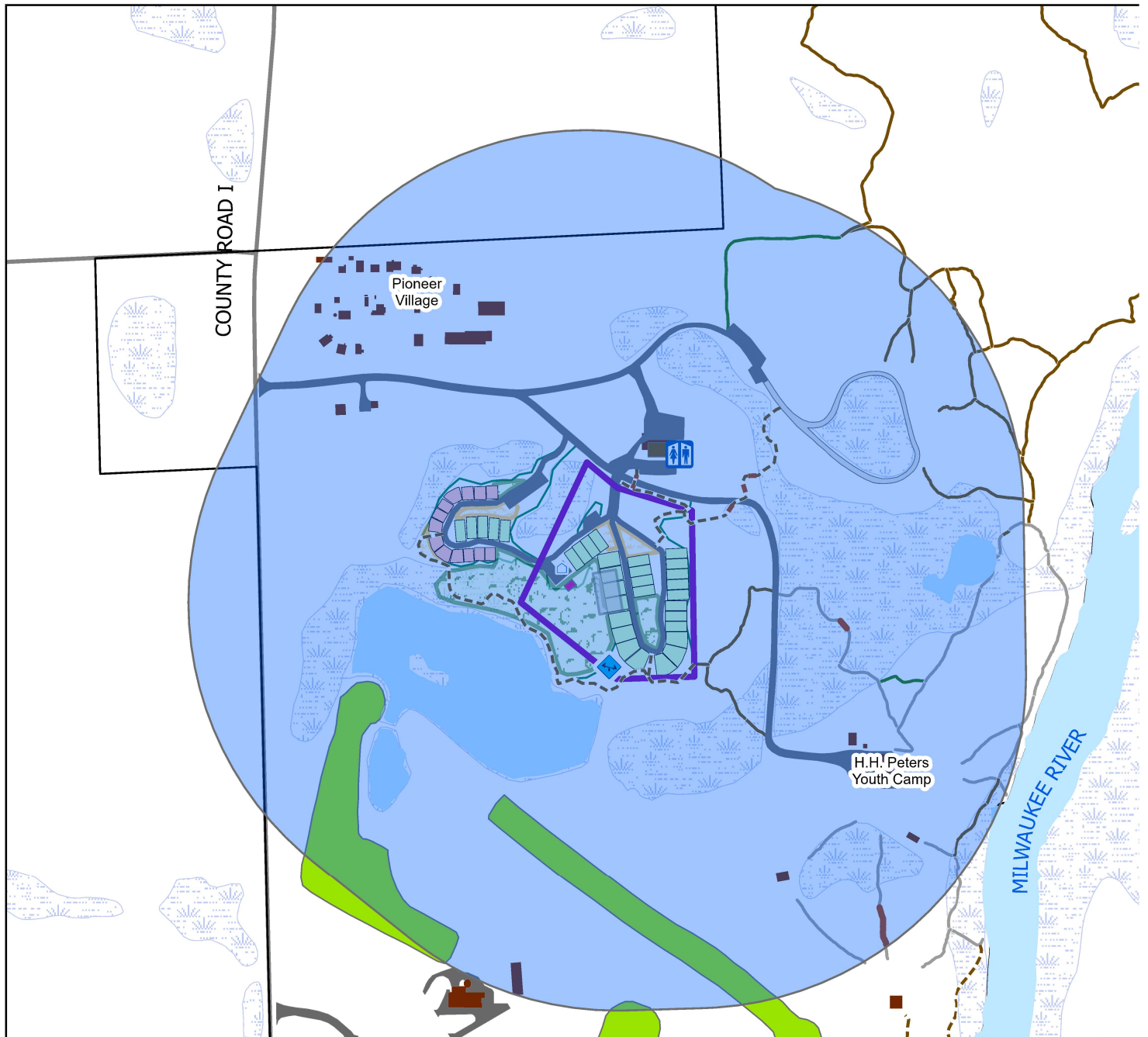


0 125 250 500 Feet



Ozaukee County Pl
July, 2024

Hawthorne Hills County Park - School Grounds and 1,000 Foot Buffer Area



Legend

- | | | | |
|-----------------------------------|-------------------------------|---|---------------------------|
| 1000 ft Buffer Around School Area | Gravel Trail (ADA Compliant) | Structure | Gravel Drive |
| Sugar Maple School Area | Natural/Woodchipped Trail | Future Tent Campsite (40' x 30'), 13 sites in Phase 1 | Asphalt Pavement |
| Park Boundary | Boardwalk | Future RV Campsite (65' x 30'), 32 sites: 5 in Phase 1, 27 in Phase 2 | Prairie Restoration Area |
| Classroom Building (125x70') | Future Trail | Sanitary Holding Tanks 20x30ft | Woodland Restoration Area |
| Future Bridge or Boardwalk | Future Pit Toilets (30x40 ft) | Future Playground | Wetland (WWI, 2019) |
| Mowed Grass Trail | Restrooms and Showers | | Outer Fill Edge |



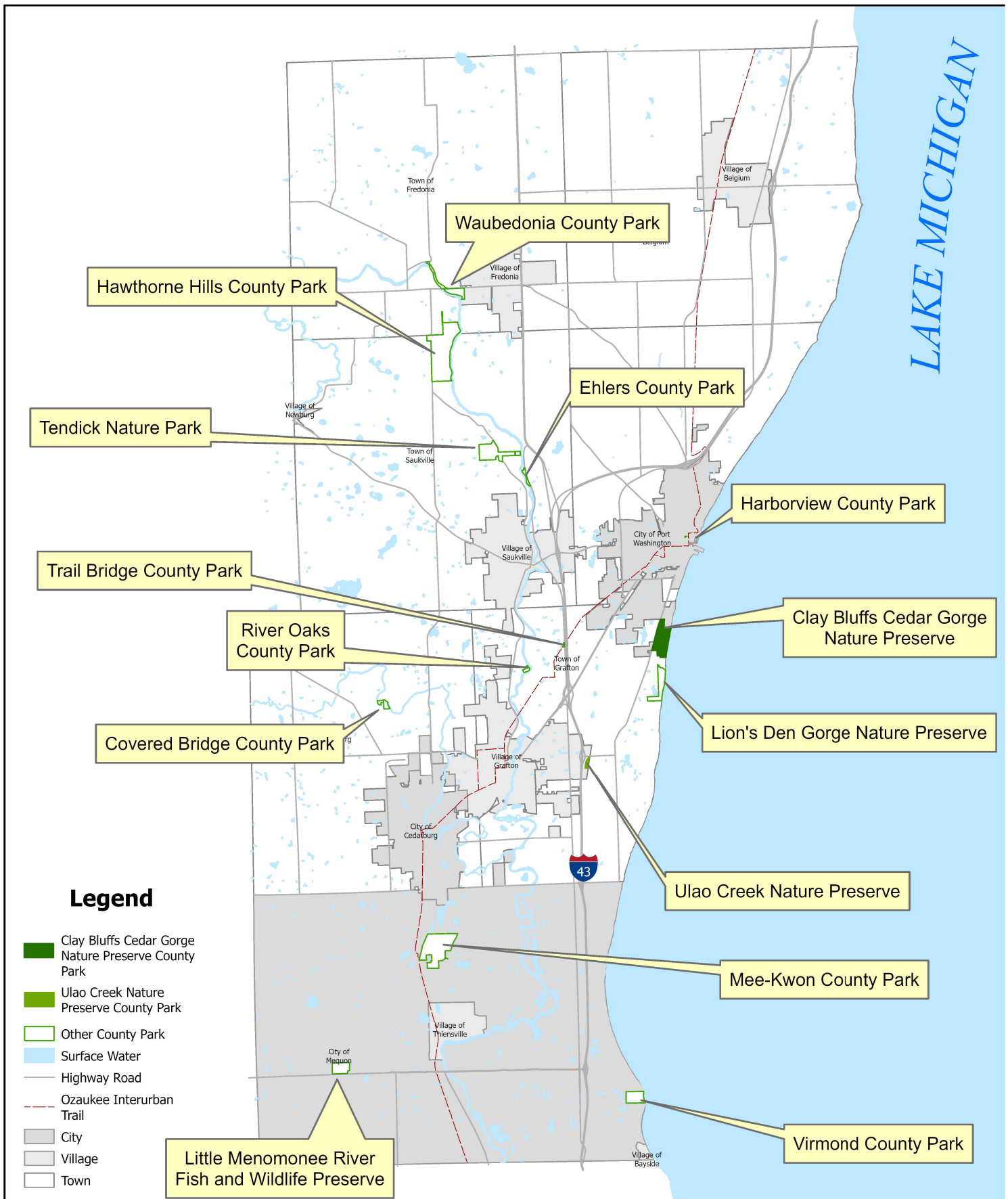
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Ozaukee County Pl
July, 2024

Ozaukee County Park System

8.a.2.c



Attachment: County Park System Map 7.31.24 (without MKE Oxbow) (P&PDept Ordinance ChapterV Rules&RegsGoverningCountyParks 5.01)



0 0.75 1.5 3 Miles



Map Produced By:
Ozaukee County
Packet Pg. 178
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.

(3) Unlawful Conduct. It shall be unlawful for any person to commit any of the following acts in or on any public grounds in Ozaukee County: (12-8), (19-6)

1/15/2020

County Parks 5.01

- (a) To park any vehicle except within the limits of clearly marked parking areas or to park in a designated "No Parking" zone or to disobey the posted restrictions and parking instructions within any of the parking areas.
- (b) To operate any vehicle except upon clearly marked public roadways. An exception is allowed for golf cars and such other vehicles as are necessary for the operation and maintenance of existing facilities and for bicycles on clearly designated bicycle trails. Additional exceptions may be allowed by the Natural Resources Committee.
- (c) To operate any vehicle on any roadway at a speed in excess of fifteen (15) miles per hour.
- (d) To park any vehicle on, or to loiter or lounge in or on, between the hours of nine o'clock p.m. and six o'clock a.m., except as allowed by permit issued by the Planning and Parks Department under the authority of the Natural Resources Committee.
- (e) To use any firearm, bow and arrow, slingshot, trap, gun or other shooting device on or into, except as allowed by permit issued by the Planning and Parks Department under the authority of the Natural Resources Committee at Lion's Den Gorge Nature Preserve County Park and Little Menomonee River Fish and Wildlife Area County Park.
- (f) To hunt or trap animals except as allowed by permit issued by the Planning and Parks Department under the authority of the Natural Resources Committee at Lion's Den Gorge Nature Preserve County Park and Little Menomonee River Fish and Wildlife Area County Park.
- (g) To soil, deface, injure, damage, upset or destroy any building, fence, fountain, bench, table, tree, bush, flower, other vegetation or other object situated, used, or kept.
- (h) To dig or break up the ground surface.
- (i) To build any fires except in fireplaces or grills provided for such purpose or to dispose of live embers, or hot or cold ash, from any fire, except in designated ash receptacles or fire pits.
- (j) To leave, throw or break any bottle, box, can or any other container or object in the lakes or streams, or at any other place except in clearly marked refuse receptacles provided for that purpose.
- (k) To take, have or keep any dog, cat or other pet except on a leash and to fail to pick up the dog, cat or other pet waste immediately.
- (l) To set off fireworks of any kind.
- (m) To engage in any athletic contest, game or activity, such as hardball, softball, football, soccer, etc., whereby large areas are usurped by the participants to the exclusion and at the peril of injury to others, except in areas designated for such activity or by permit issued by the Planning and Parks Department under the authority of the Natural Resources Committee.
- (n) To fail, refuse or neglect to obey the regularly posted rules and regulations of the County Board of Supervisors, Natural Resources Committee or Planning and Parks Department for the use or enjoyment of any facilities.
- (o) To ride horseback until or unless official designated bridle paths have been established.

(p) To operate any sound truck, loud speaker, radio, cassette player, motor, or any other mechanical device, including vehicles that produce unnecessary or unduly loud and disruptive noise.

1/15/2020

County Parks 5.01

(q) To engage in violent, abusive, indecent, profane, boisterous, unreasonably loud or otherwise disorderly conduct under circumstances in which the conduct tends to cause or provoke a disturbance.

(r) To peddle or sell any goods or materials except by permit issued by the Planning and Parks Department under the authority of the Natural Resources Committee.

(s) To peddle or distribute any hand bills or other advertising matter or post unauthorized signs or solicit, transact or conduct any business of any nature except by permit issued by the Planning and Parks Department under the authority of the Natural Resources Committee.

(t) To carry, conceal carry or otherwise possess any firearm on the Sugar Maple Nature School grounds, or within 1,000 feet of the school grounds, which is located on Hawthorne Hills County Park and Golf Course property.

(4) Enforcement

(a) The Sheriff of Ozaukee County and his or her deputies shall enforce the provisions of this ordinance.

(5) Penalties. Any person who shall violate any of the provisions of the Rules and Regulations governing public grounds shall upon conviction thereof forfeit not less than \$25.00 nor more than \$500.00 together with the costs of prosecution, and in the case of default in payment of such forfeiture and costs, by imprisonment in the county jail for a term not exceeding five (5) days.

5.02 RULES AND REGULATIONS GOVERNING THE OZAUKEE COUNTY FAIR GROUNDS

(1) The Environment and Land Use Committee of the Ozaukee County Board shall have charge of the use, operation, maintenance, equipment and management of the Ozaukee County Fairgrounds, subject to the approval of the County Board as a body.

(a) The Environment and Land Use Committee may establish rules and regulations governing the use of the County Fairgrounds.

1. The Environment and Land Use Committee may delegate authority to permit use of the Fairgrounds to the County Clerk of Ozaukee County or to any other person it deems appropriate.

(2) Unlawful Conduct

(a) It shall be unlawful for any person to enter upon the premises of the Ozaukee County Fairgrounds without the permission of the Ozaukee County Environment and Land Use Committee.

(b) The Environment and Land Use Committee is authorized to post signs giving notice of this ordinance and to confer with appropriate public officials to obtain enforcement.

(c) The Environment and Land Use Committee may designate dates and times when the Fairgrounds will be open to the public. This shall include, but is not limited to, those dates designated as Ozaukee County Fair Week.

Natural Resources Committee**AGENDA INFORMATION SHEET**

AGENDA DATE:	August 8, 2024
DEPARTMENT:	UW Extension
DIRECTOR:	Cindy Sarkady
PREPARER:	Claudia Breitengross

Agenda Summary UW-Madison Division of Extension Reports

ATTACHMENTS:

- July 2024 Report (PDF)
- 2024 Oversight Comm Recommended PnL Amended Bdgt7.2024 (PDF)

NATURAL RESOURCES COMMITTEE


Extension

 UNIVERSITY OF WISCONSIN-MADISON
 OZAUKEE COUNTY

JULY 2024 REPORT

AGRICULTURE



If it happens on a farm or in a field, the Extension Institute of Agriculture works with you to achieve better results. Our innovative dairy management programs range from genetics to farm and business management. Extension researchers work hand-in-hand with row crop, forage and fresh produce growers to provide best practices for every aspect of the growing phase. We also advise communities on using sustainable practices to create inviting spaces free from invasive species

Crops

Liz Gartman, Regional Crops Educator

A stop on the Clean Farm Families Poker Run where moderators discussed the interseeding of red clover in an existing winter wheat stand, demonstrating the integration of cover crops into grain systems. The goal of the discussion was to demonstrate how producers can identify alternative methods of cover crop implementation that can lead to improved nutrient use, reduced soil loss, and limit the impact that cover crops can have on main crop yields. Total Reach: 48 attendees

A twilight meeting where local forage producers and agriculture professionals learned about opportunities to engage in alfalfa management field trials, keys to managing alfalfa stands for persistence and building consistency in forage programs using crop diversity to improve their ability to harvest high quality forage to support milk production on their farms, improve crop system resilience and improve overall farm profitability. Total Reach: 40 attendees

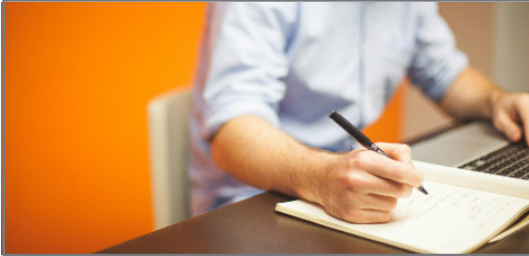
The Fond du Lac Forage Council partners with Extension to provide programming to their members and local producers. Every other year the forage council plans this program to provide up to date forage management information that supports the needs of those growers and dairy producers. In collaboration with the forage council board, I reached out to speakers that could provide insight on the topics identified for the meeting. There were approximately 40 growers and agribusiness professionals that attended the event. Of particular interest was information related to integrating alfalfa into diverse forage systems, and the methods for building soil health using these techniques. Further, this was an opportunity for regional crops educator and the state Alfalfa Outreach specialist to build relationships and connect with growers in the Fond du Lac county area.


Extension

 UNIVERSITY OF WISCONSIN-MADISON
 OZAUKEE COUNTY

JULY 2024 REPORT

COMMUNITY DEVELOPMENT



Community Development provides educational programming to assist leaders, communities, and organizations realize their fullest potential. We work with communities to build the vitality that enhances their quality of life and enriches the lives of their residents. IN short, the Community Development Institute plants and cultivates the seeds for thriving communities and organizations.

Paul Roback, Community Development Educator

Two strategic planning sessions for the staff of the Lakeshore Natural Resource Partnership, a regional local nonprofit, where we worked on updating the organization's mission and vision statements, and identified organizational strengths, weaknesses, opportunities, and challenges. The intent of the planning process is to clarify the organization's purpose and develop achievable steps to realize their vision. Total Reach: 22 nonprofit board and staff members.

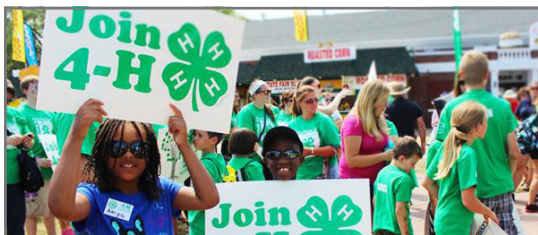
The executive director of the Lakeshore Natural Resource Partnership (LNRP), a regional nonprofit, contacted Paul to facilitate a process that would create a strategic plan for the organization. The LNRP facilitates cooperative planning, restoration, and responsible management of environmental resources along Lake Michigan from Ozaukee to Door Counties. To achieve the planning objectives, Paul first engaged the organization's staff and board with an online survey to solicit feedback on updating the organization's mission and vision statements. Then, Paul facilitated two strategic planning sessions attended by seven staff members where we worked on updating the organization's mission and vision statements, and identified organizational strengths, weaknesses, opportunities, and challenges. Moving forward, Paul will engage stakeholders and partners in providing input in the planning process. He will also facilitate a board and staff retreat to finalize the mission and vision statements, and to identify and prioritize goals. From evaluation (N=6), 100% of participants agreed that discussing the mission statement helped clarify their role as an organization and discussing their vision statement assisted them in understanding the general direction for their organization's future. 100% also agreed that the process assisted in the identification of organizational strengths, weaknesses, opportunities, and challenges. Participants evaluated Paul's facilitation as a 5.0 on a 5-point Likert Scale (1=poor and 5=excellent).


Extension

 UNIVERSITY OF WISCONSIN-MADISON
 OZAUKEE COUNTY

JULY 2024 REPORT

4-H YOUTH DEVELOPMENT



Positive Youth Development prepares the youth of today to become the effective, empathetic adults of tomorrow. Our research-based youth enrichment programs like teens in governance build youth and adult capacity and partnerships that help both sides grow. 4-H clubs, camps and after-school programs give young people the hands-on experiences they need to develop an understanding of themselves and the world.

Colleen Machut, 4-H Program Educator

Presented the results of my Needs Assessment for 4-H at the Leaders Association meeting. Total Reach: Thirty adult 4-H volunteer leaders .

The objective is to make sure everyone in the 4-H program is working together toward meaningful goals that will move the program forward. I created three SMART goals based on the needs assessment and facilitated discussion about them at the Leaders Association meeting. The volunteers who were present at the meeting had a better understanding and a unified outlook on the priorities for the next year.

We teach, learn, lead and serve, connecting people with the University of Wisconsin, and engaging with them in transforming lives and communities.

UW-Madison Division
of Extension
Ozaukee County Office

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Paul Roback
*Community Development
Educator*

Cassi Worster
Area Marketing Specialist

An EEO/AA employer, University of Wisconsin-Madison Division of Extension provides equal opportunities in employment and programming, including Title VI, Title IX, the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act requirements.

Attachment: July 2024 Report (UW-Madison Division of Extension Reports)

Ozaukee County Committee Report

General Fund University of Wisconsin Extension

For the Six Months Ending Sunday, June 30, 2024

Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2024 YTD Actual	2024 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	\$1,546	\$3,890	\$2,344	39.74%
Public Charges for Services	\$70	\$6,403	\$7,980	\$1,577	80.24%
Total Revenues	\$70	\$7,949	\$11,870	\$3,921	66.97%
Expenditures					
Salaries	\$5,101	\$30,232	\$66,305	\$36,073	45.60%
Fringe Benefits	\$633	\$3,771	\$8,253	\$4,482	45.69%
Travel/Training	-	\$1,036	\$13,588	\$12,552	7.62%
Supplies	\$136	\$1,262	\$17,940	\$16,678	7.03%
Purchased Services	\$87	\$43,078	\$106,664	\$63,586	40.39%
Interdepartment Charges	\$1,354	\$8,818	\$20,619	\$11,801	42.77%
Other Expenses	-	-	\$1,043	\$1,043	0.00%
Total Operating Expenditures	\$7,311	\$88,197	\$234,412	\$146,215	37.62%
Capital Outlay					
Total Expenditures	\$7,311	\$88,197	\$234,412	\$146,215	37.62%
Net Increase (Decrease)	(\$7,241)	(\$80,248)	(\$222,542)	(\$142,294)	36.06%

Equity:

Attachment: 2024 Oversight Comm Recommended PnL Amended Bdg7.2024 (UW-Madison Division of Extension Reports)

RESOLUTION NO. (ID # 10197)

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

NATURAL RESOURCES COMMITTEE

Natural Resources Committee
AGENDA INFORMATION SHEET

AGENDA DATE:	August 8, 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

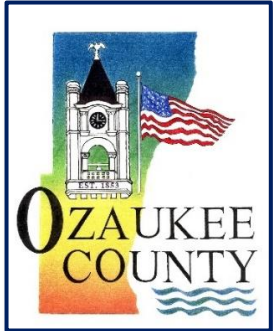
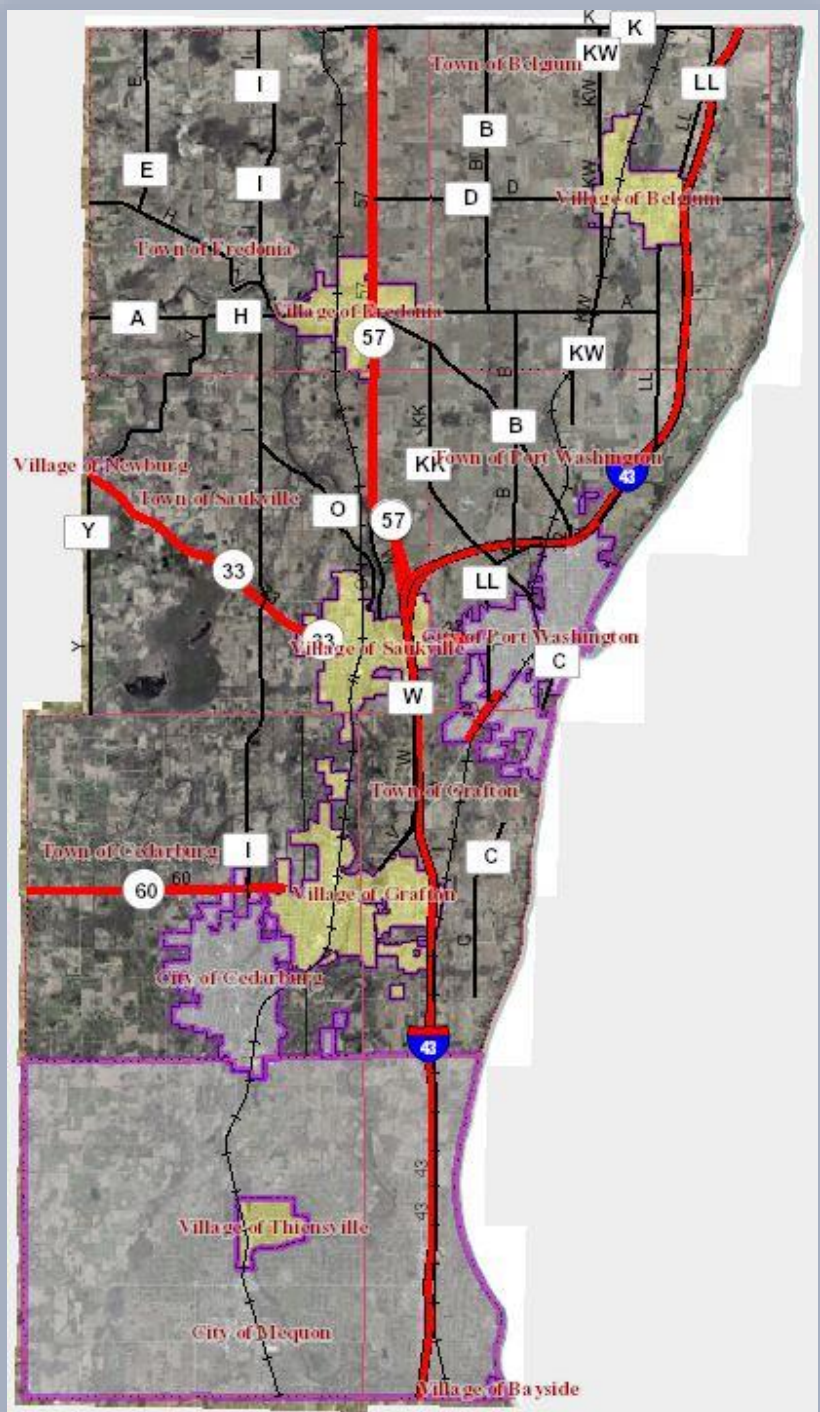
ATTACHMENTS:

- 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.

Attachment: Ozaukee County Land Information Plan 2025-2027 (Land Information Plan 2025-2027)

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.

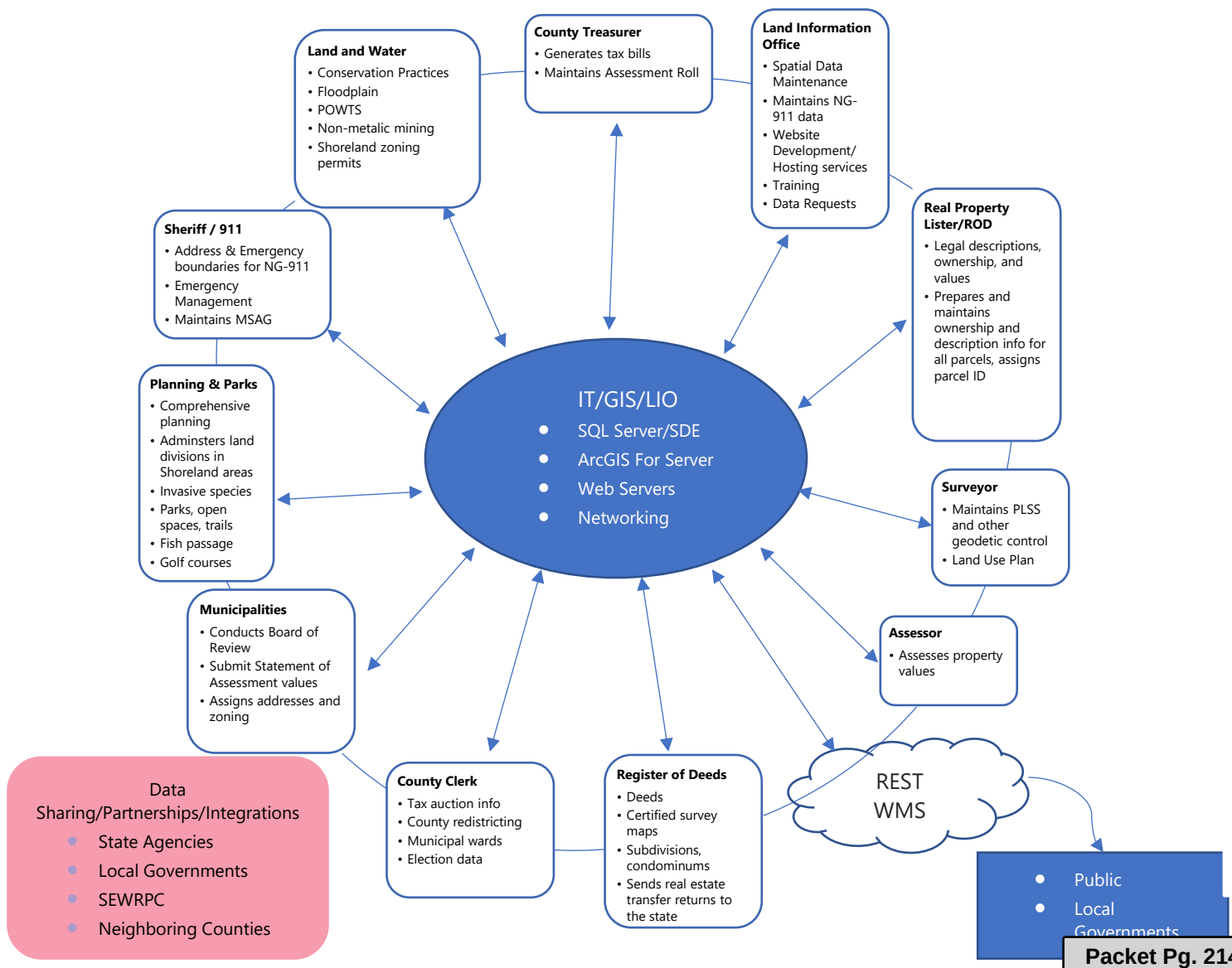
One integration requirement is listed under s. 16.967(7)(a)(1), Wis. Stats., which states that counties may apply for grants for:

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.

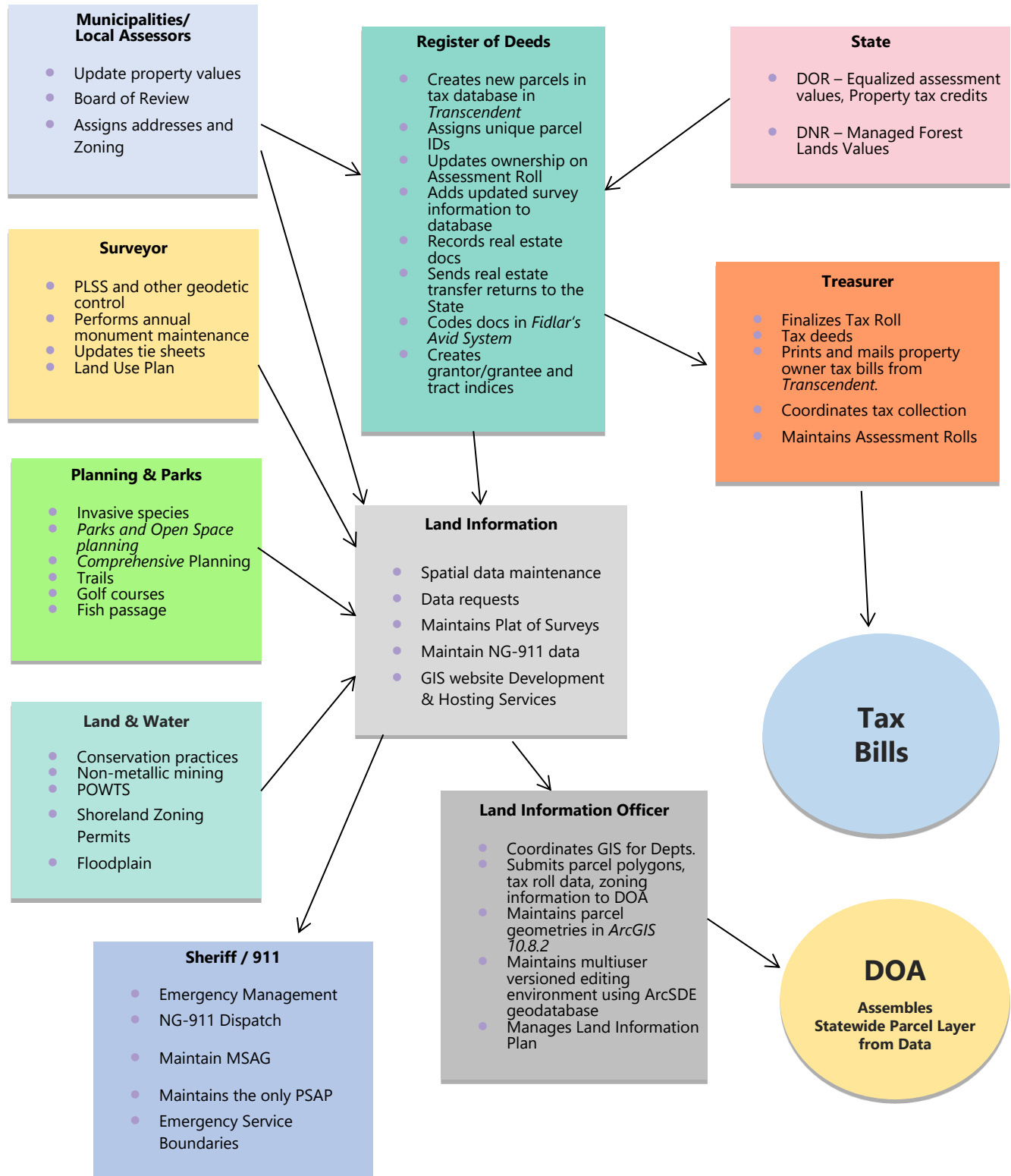
This chapter describes the design of the county land information system, with focus on how data related to land features and data describing land rights are integrated and made publicly available.

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

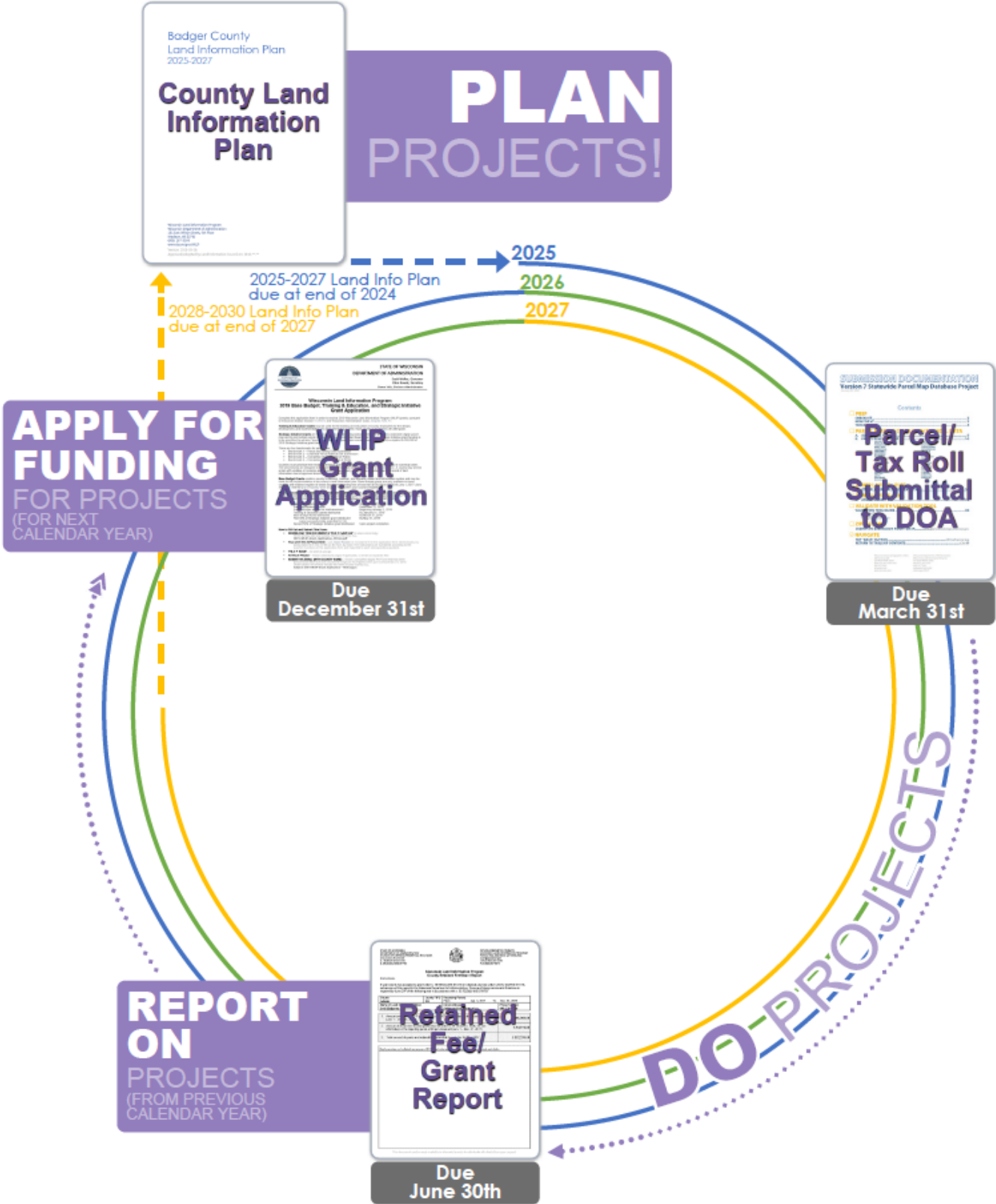
- The Land Information Office offers free access to other counties and municipalities. All Data is provided as Read-Only.

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.



Attachment: Ozaukee County Land Information Plan 2025-2027 (Land Information Plan 2025-2027)

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 Plan Citations	Project Total
			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.

■ ■ ■

Natural Resources Committee**AGENDA INFORMATION SHEET**

AGENDA DATE:	August 8, 2024
DEPARTMENT:	Register of Deeds
DIRECTOR:	Jennifer Laurin
PREPARER:	Jennifer Laurin

Agenda Summary Register of Deeds/Land Information Report

ATTACHMENTS:

- July Department Report (DOCX)
- ROD June 2024 (PDF)
- Land Information June 2024 (PDF)

NATURAL RESOURCES COMMITTEE



Register of Deeds

Land Information

July 2024 Department Report

Register of Deeds Office:

We recorded 920 documents in June, compared to 967 for the same period the year before. 84.13% of the documents this month were recorded as a digital record versus 78.18% for this period in 2023. We had a profit of \$27,581.00 for June, and \$156,193.00 year-to-date.

In June we received \$216,468.90 in Transfer Fees. Of that amount \$173,175.12 was the portion that went to the State, and \$43,293.78 was the portion that went to the County.

We continue to work on back indexing and are indexed back to 1895 in the old books. Researchers have been able to complete most of their searches online thanks to all of the back indexing we have done. This not only makes searching more convenient, but also reduces the wear and tear on our books.

Land Information Office:

The Land Information Council met July 30th to review and approve the 2025-2027 Draft Land Information Plan. With the Natural Resources Committee's approval, the Resolution then goes on to County Board for approval on Sept. 4th.

The Land Information Office has also hired a part-time GIS Technician Intern. Elizabeth Modahl will start Aug. 26th.

Ozaukee County Committee Report
General Fund Register of Deeds
 For the Six Months Ending Sunday, June 30, 2024
 Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2024 YTD Actual	2024 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Public Charges for Services	\$73,395	\$388,875	\$1,000,000	\$611,125	38.89%
Total Revenues	\$73,395	\$388,875	\$1,000,000	\$611,125	38.89%
Expenditures					
Salaries	\$20,201	\$123,387	\$260,054	\$136,667	47.45%
Fringe Benefits	\$8,500	\$56,911	\$94,314	\$37,403	60.34%
Travel/Training	\$161	\$909	\$2,700	\$1,791	33.67%
Supplies	-	\$389	\$1,325	\$936	29.36%
Purchased Services	\$14,359	\$35,452	\$103,150	\$67,698	34.37%
Interdepartment Charges	\$2,593	\$15,584	\$36,437	\$20,853	42.77%
Other Expenses	-	\$50	-	(\$50)	0.00%
Total Operating Expenditures	\$45,814	\$232,682	\$497,980	\$265,298	46.73%
Capital Outlay					
Total Expenditures	\$45,814	\$232,682	\$497,980	\$265,298	46.73%
Net Increase (Decrease)	\$27,581	\$156,193	\$502,020	\$345,827	31.11%

E q u i t y:

Attachment: ROD June 2024 (Register of Deeds/Land Information Report)

Ozaukee County Committee Report

Special Revenue Fund Land Information

For the Six Months Ending Sunday, June 30, 2024

Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2024 YTD Actual	2024 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Taxes	\$4,795	\$28,768	\$57,535	\$28,767	50.00%
Intergovernmental Revenues	-	\$11,160	\$11,000	(\$160)	101.45%
Public Charges for Services	\$7,288	\$40,786	\$100,000	\$59,214	40.79%
Total Revenues	\$12,083	\$80,714	\$168,535	\$87,821	47.89%
Expenditures					
Salaries	\$4,979	\$31,742	\$64,722	\$32,980	49.04%
Fringe Benefits	\$1,664	\$11,235	\$20,930	\$9,695	53.68%
Travel/Training	-	\$1,061	\$7,000	\$5,939	15.16%
Supplies	-	\$11,440	\$16,500	\$5,060	69.33%
Purchased Services	\$5,070	\$20,542	\$72,800	\$52,258	28.22%
Interdepartment Charges	\$379	\$2,273	\$4,846	\$2,573	46.90%
Other Expenses	-	-	\$537	\$537	0.00%
Total Operating Expenditures	\$12,092	\$78,293	\$187,335	\$109,042	41.79%
Capital Outlay					
Total Expenditures	\$12,092	\$78,293	\$187,335	\$109,042	41.79%
Net Increase (Decrease)	(\$9)	\$2,421	(\$18,800)	(\$21,221)	-12.88%
Equity:					
Governmental Fund Balance	-	(\$48,793)	-	\$48,793	0.00%

Attachment: Land Information June 2024 (Register of Deeds/Land Information Report)

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

NFWF grants.

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.

ATTACHMENTS:

- BA_2024_NRC08082024_NOAA_BILIRA_SuckerCreekRestoration_BA_ATSFinal073024 (PDF)
- P&P_Dept_Sucker Brook Creek Restoration 8.1.24 (PDF)

NATURAL RESOURCES COMMITTEE



Budget Amendment Request Committee Approval Form

11.a.1.a

TO: Finance Committee

FROM: Planning and Parks Department

Department Name

Date of Request: 7/25/2024

Resolution No: _____

Period Transfer Recorded: _____

Type of Budget Amendment (check one)

Increase of Revenue: ☒ X

Fund Transfer: ☐

Supplemental Appropriations: ☐

Debit / Expense			Credit / Revenue		
Acct #	222-01-01-51101-000	\$ 479,999	A/C #	222-01-01-42110-000	\$ 3,240,000
	Pre-request Account's Budget	Changed To		Pre-request Account's Budget	Changed To
Cost Ctr & A/C Desc	Regular Salaries and Wages		Cost Ctr & A/C Desc	Fed Aid - NOAA BILIRA - Sucker Creek	
Acct #	222-01-01-52002-000	\$ 3,001	A/C #		\$ -
	Pre-request Account's Budget	Changed To		Pre-request Account's Budget	Changed To
Cost Ctr & A/C Desc	Travel/Mileage		Cost Ctr & A/C Desc		
Acct #	222-01-01-53601-000	131,000	A/C #		\$ -
	Pre-request Account's Budget	Changed To		Pre-request Account's Budget	Changed To
Cost Ctr & A/C Desc	Other Material Supplies		Cost Ctr & A/C Desc		
Acct #	222-01-01-54106-000	\$ 50,000	A/C #		\$ -
	Pre-request Account's Budget	Changed To		Pre-request Account's Budget	Changed To
Cost Ctr & A/C Desc	Professional Services		Cost Ctr & A/C Desc		
Acct #	222-01-01-54533-000	\$ 126,000	A/C #		\$ -
	Pre-request Account's Budget	Changed To		Pre-request Account's Budget	Changed To
Cost Ctr & A/C Desc	Contracted Outside Employment		Cost Ctr & A/C Desc		
Acct #	222-01-01-55103-000	\$ 2,450,000	A/C #		\$ -
	Pre-request Account's Budget	Changed To		Pre-request Account's Budget	Changed To
Cost Ctr & A/C Desc	Highway - Grounds Maintenance / Construction		Cost Ctr & A/C Desc		
Total Debits:		3,240,000	Total Credits:		3,240,000

Reason for Request (Be Specific). Also fill out Support Document for County Board.

This is an increase in revenue for a grant recieved (Project #222-0001-00007) from the National Oceanic and Atmospheric Administration Transformational Habitat Restoration and Coastal Resilience Bipartisan Infrastructure Law and Inflation Reduction Act for stream and wetland restoration activities on Sucker Creek in the Town of Belgium. This increase in revenue is for: 1) Regular Salaries and Wages; 2) Travel / Mileage; 3) Other Material Supplies; 4) Professional Services (design and engineering, construction oversight); 5) Contracted Outside Employment (youth conservation corps); and 6) Highway - Grounds Maintenance / Construction for project implementation.

Department Head Signature

Oversight Committee Members

TYPE IN Oversight Committee Chairperson's Name

Finance Committee Members

Date of Meeting

Date of Meeting

Date Amended:

Budget Amended By:

Sucker Creek

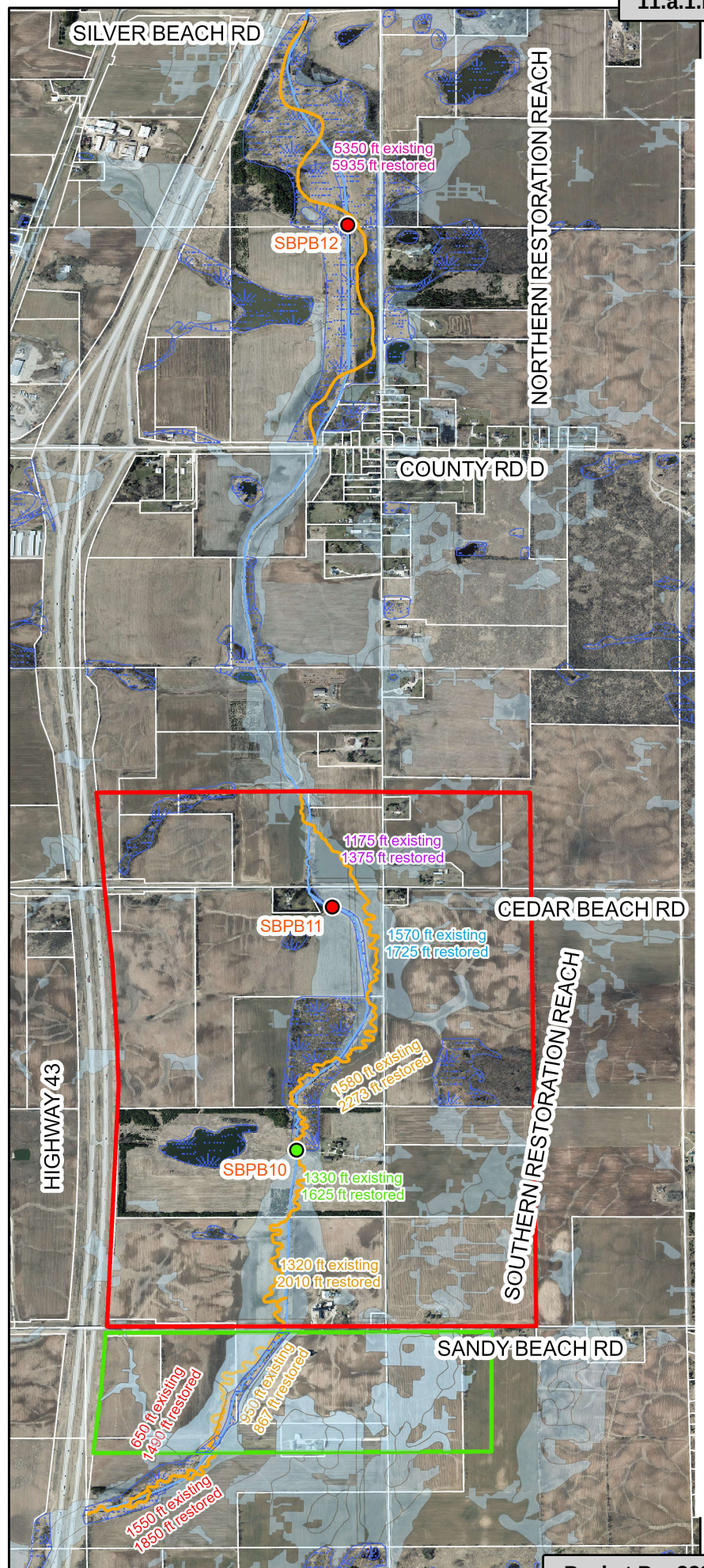
Northern Post-Restoration Reach: ~5,935 linear ft
 Southern Post-Restoration Reach: ~13,215 linear ft
 Total: ~19,150 linear ft of stream restored

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



Natural Resources Committee

AGENDA INFORMATION SHEET

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

Agenda Summary Submittal and Acceptance of a Natural Resources Foundation C.D. Besadny Conservation Fund Grant for Prairie Restoration Activities at 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 Natural Resources Foundation (NRF) C.D. Besadny Conservation grant program, which support “grassroots conservation and education projects that benefit Wisconsin’s land, waters and wildlife that connect people to Wisconsin’s natural resources”. 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 NRF C.D. Besadny Conservation grant will support additional Department activities to purchase seed and restore additional acres of old field and turf grass to native prairie to provide habitat for grassland bird species and pollinator insects (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>> 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>> “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>> (page 10) related to the enhance quality of life assets strategic goal.

ANALYSIS: Proposals to the NRF C.D. Besadny Conservation grant program are due September 1, 2024, with grant awards between \$500 to \$2,000. Total funding requested under this grant is \$2,000. Funds will be used to purchase native seed and other supplies, and support

Department staff restoration activities. A 50% match is required, which will be provided by a pending Wisconsin Department of Natural Resources (WDNR) County Conservation Aids (CCA) grant, and the Department budget through in-kind staff time, equipment and supplies and mileage for a total project cost of \$5,557.

FISCAL IMPACT: Balance Current Year:

NONE (Additional Program Revenue - \$2,000) Next Year's Estimated Cost: NONE

FUNDING SOURCE: Non-County Levy: X

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

RECOMMENDED MOTION: Approve the submittal, acceptance, and implementation of a grant by the Planning and Parks Department to the Natural Resources Foundation C.D. Besadny Conservation grant 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_CDBesadny_RFP (PDF)
- Grant Application
Summary_CDBesadny_HawthorneHills&Tendick_PrairieRestoration_ATSFinal073124
(PDF)
- P&P_Dept_HawthorneHills Park and GC Prairie Restoration_Map (PDF)
- P&P_Dept_Tendick_Prairie Restoration_Map (PDF)

NATURAL RESOURCES COMMITTEE

Grantmaking Priorities:

Proposals should address one or more of the following priorities:

- Projects that benefit Wisconsin's most imperiled natural communities and native plant or wildlife species.
- Projects that engage and impact underserved communities in Wisconsin and/or support diversity, equity and inclusion efforts within Wisconsin's conservation and environmental education sectors.
- Projects that build climate resiliency of Wisconsin's natural resources through natural climate solutions or climate adaptation.

All projects should demonstrate measurable outcomes. We encourage innovative projects that leverage resources and partnerships.

Eligibility:

- Applicant must be one of the following: a public charity with approved 501(c)(3) exempt status (under section 509(a)(1), 509(a)(2), or 509(a)(3) Type I and Type II); a federal, state, or local governmental unit, an American Indian nation or tribal community; or an accredited school, college, or university. The following types of organizations are not eligible for funding: individuals; businesses; section 509(a)(3) Type III supporting organizations; private foundations; and private operating foundations.
- Projects must benefit Wisconsin's natural resources or people.
- The total project budget may not exceed \$10,000, and overhead costs shall not exceed 15% of the grant.
- Project expenses may not have been incurred prior to submitting the application.
- A one-to-one match is required. Match may include in-kind support such as volunteer hours or donated materials.
- Only one application will be accepted per organization per grant cycle.

How to Apply:

1. Determine if your project addresses our grantmaking priorities and meets our eligibility requirements.
2. Complete the application (paper copies of applications are not accepted).
3. Include proof of IRS tax-exempt status (IRS form 501c3 tax determination letter) or letter of support from school administration.
4. Submit all materials to Lindsey at NRFgrants@WisConservation.org (mailto:NRFgrants@WisConservation.org) by **September 1st**.
5. Applicants will be notified six weeks following the submission deadline.

Congratulations to our 2023 CD Besadny Grant recipients

- **Access Ability Wisconsin Inc** — Outdoors Access 4 All (OA4A): Representation in Participation, Leadership, and Social Organizers
- **Bong Naturalist Association** — Restoration of an ADA Path to an Accessible Wildlife Viewing Hide at Richard Bong State Recreation Area (RBSRA)
- **Driftless Area Land Conservancy** — Creating Connection: Building an Interactive Platform for Private Lands Stewardship
- **Friends of the Blufflands** — Vista Prairie Restoration
- **Friends of the North Pikes Creek Wetlands** — Wetland Forest Transitional Tree Planting
- **Golda Meir School** — Meir Meadow
- **Historic Indian Agency House** — A Historic Prairie Reborn
- **Lake View Elementary School** — Outdoor Classroom & Registered School Forest Management Tools
- **Lodi School Forest** — Lodi School Forest Habitat Restoration
- **Mississippi Valley Conservancy** — Angel Bluff Habitat Restoration
- **Neighborhood House of Milwaukee** — Rusty Patch Bumble Bee Protection Project
- **North Lakeland Discovery Center** — Conservation Canoe and Snorkeling Series
- **Riverland Conservancy** — Merrimac Preserve Operation Fresh Start
- **Superior Rivers Watershed Association** — Connecting People, Land, and Water: 2024 Field Trips Series
- **The Prairie Enthusiasts** — Restoring Biodiversity to Prairie and Savanna Remnants
- **Urban Ecology Center** — Native Plants for Riverside Park

**DOWNLOAD THE GRANT
APPLICATION**

GRANT APPLICATION SUMMARY

Project Name: Prairie Restoration in Hawthorne Hills Park and GC and Tendick Nature Park
Grant Name/Agency: NRF C.D. Besadny Conservation Grant Program **CFDA/State ID:**
Department: Planning and Parks
Total Project Amount: \$5,557 **Grant Match Required:** 50%

Exp Acct. **Preparer:** Tina Kroening
Rev Acct. **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 WDNR CCA	Status Pending	Amount \$2,775 \$0 \$0 \$0
Project Partners: WDNR		
Project Landowner Upon Completion: Ozaukee County		

GRANT EXPENSE		GRANT/PROJECT MATCH	
Operational Expense	\$	Operational Match	\$
		Salaries/Fringe Benefits	\$100
Salaries/Fringe Benefits	\$1,950	Travel/Mileage	\$54
Supplies	\$50	Equipment Use	\$628
Capital Expense	\$	Other Grants	\$
		WDNR CCA	\$2,775
TOTAL	\$2,000	TOTAL	\$3,557
% PROJECT	36%	% MATCH	64%

GRANT SUPPORTED STAFF		DEPARTMENT REVENUES	
Positon	\$	Department	\$
Conservation Biologist			
		Salaries/Fringe Benefits	\$1,950
		Supplies	\$50
TOTAL	\$0	TOTAL	\$2,000

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
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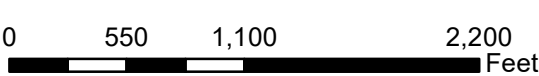
Major Milestones			Date
Grant Award			Oct-24
Prairie Restoration			Jun-25
Final Reporting			Oct-25
Duration:	12 months	Extension:	NA

Attachment: Grant Application

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

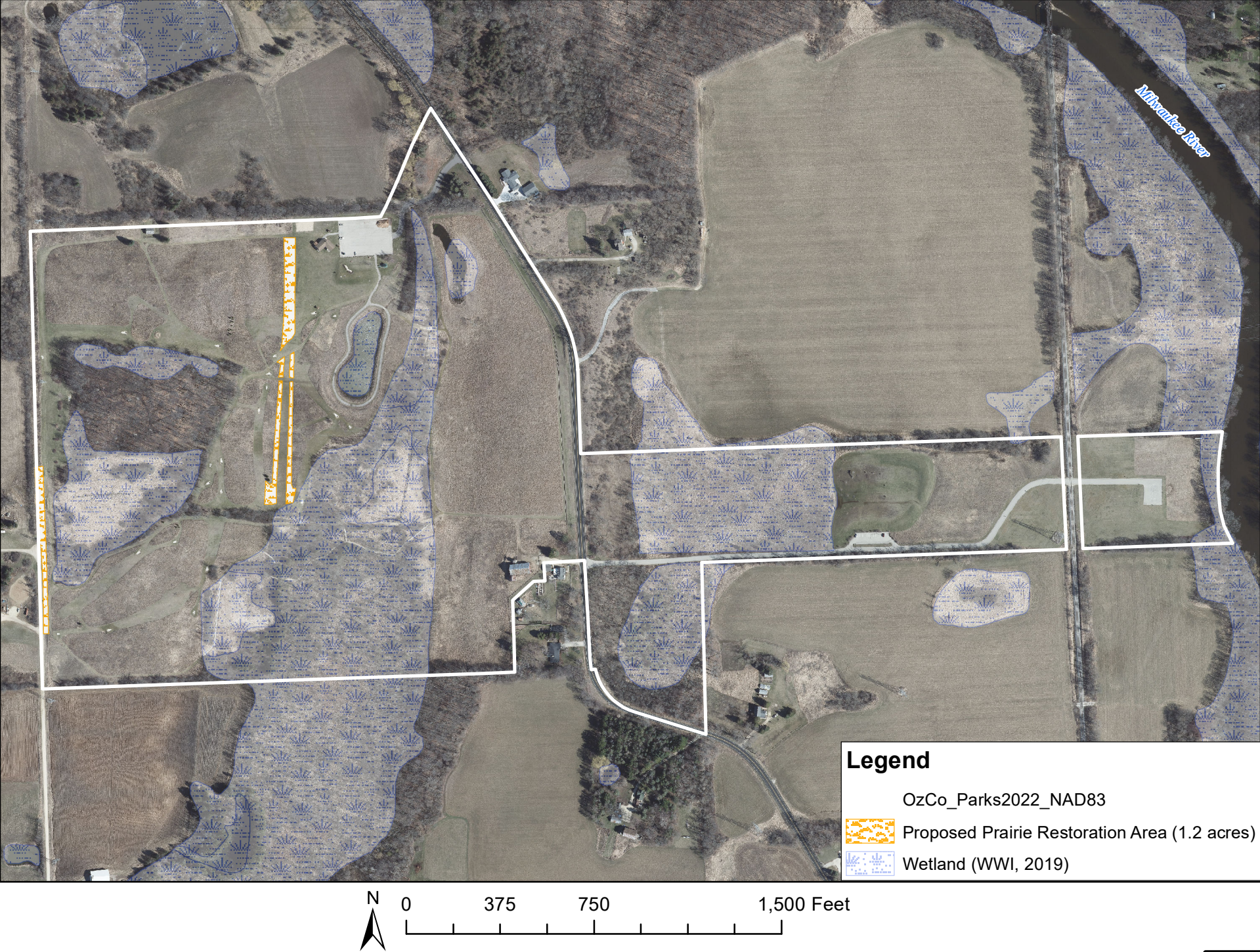


Attachment: P&P_Dept_HawthorneHills Park and GC Prairie Restoration_Map



Map Produced By: Ozaukee County
Planning and Parks Department
7/29/2024

Tendick Nature County Park - Proposed Prairie Restoration (2025)



Attachment: P&P_Dept_Tendick_Prairie Restoration_Map

RESOLUTION NO. (ID # 10204)

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

NATURAL RESOURCES COMMITTEE

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE:	August 8, 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) 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) “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 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. **Preparer:** Tina Kroening
Rev Acct. **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	Status	Amount
▪ NRF CD Besadny	Pending	\$2,000
		\$0
		\$0
		\$0

Project Partners:

- WDNR

Project Landowner Upon Completion:

- Ozaukee County

GRANT EXPENSE		GRANT/PROJECT MATCH	
Operational Expense	\$	Operational Match	\$
Supplies	\$2,575	Salaries/Fringe Benefits	\$100
Equipment Rental	\$200	Travel/Mileage	\$54
		Equipment Use	\$628
Capital Expense	\$	Other Grants	\$
		NRF CD Besadny	\$2,000
TOTAL	\$2,775	TOTAL	\$2,782
% PROJECT	50%	% MATCH	50%

GRANT SUPPORTED STAFF		DEPARTMENT REVENUES	
Positon	\$	Department	\$
		Supplies	
		Equipment Rental	
TOTAL	\$0	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
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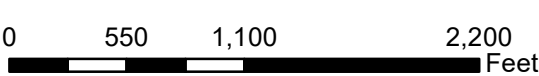
Major Milestones			Date
Grant Award			Oct-24
Prairie Restoration			Jun-25
Final Reporting			Oct-25
Duration:	12 months	Extension:	Grants are issued for 3 years

Attachment: Grant Application

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

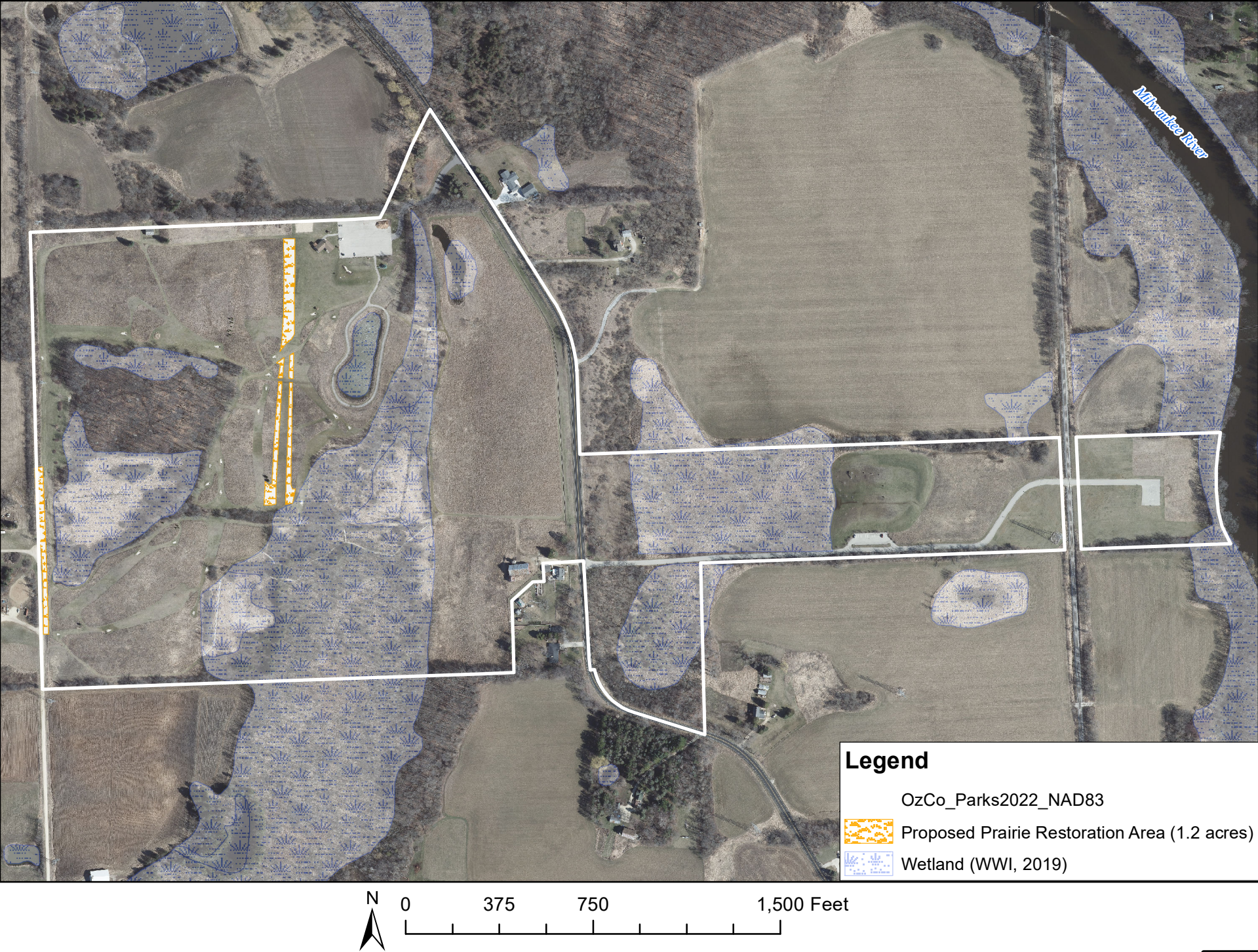


Attachment: P&P_Dept_HawthorneHills Park and GC Prairie Restoration_Map



Map Produced By: Ozaukee County
Planning and Parks Department
7/29/2024

Tendick Nature County Park - Proposed Prairie Restoration (2025)



Attachment: P&P_Dept_Tendick_Prairie Restoration_Map

RESOLUTION NO. (ID # 10205)

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 Ulaio 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

NATURAL RESOURCES COMMITTEE

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE:	August 8, 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	Status	Amount
Cedarburg Foundation	Pending	\$6,500
We Energies Foundation	Pending	\$5,000
		\$0
		\$0
Project Partners: Americorps NCCC, GLCCC, MCSC, WisCorps		
Project Landowner Upon Completion: Ozaukee County		

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

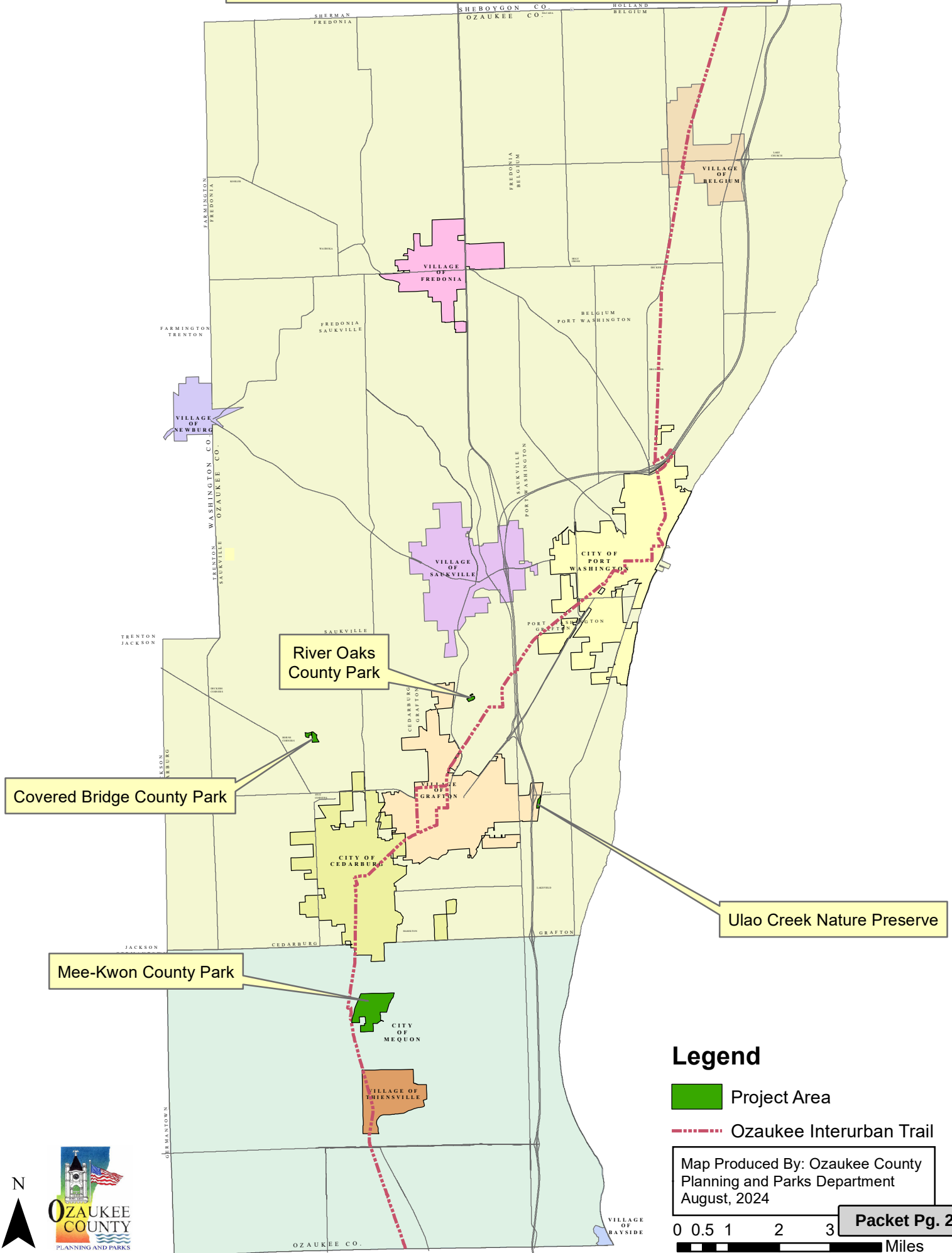
Project Risks: - Weather/site conditions - Contractor availability - Timelines - Volunteer Availability - Tree stock/supply availability	Comments Serve as match to other grants
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Major Milestones		Date
Tree Planting / Inventory		Nov-25
Education/Outreach/Staff 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

11.a.4.c



Attachment: P&P_Dept_WDNRUF_ProjectLocations_Map

Natural Resources Committee

AGENDA INFORMATION SHEET

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

Agenda Summary Submittal and Acceptance of a National Fish and Wildlife Foundation National Coastal Resilience Fund Grant to Conduct Engineering and Design for Restoring Lands Along County Highway Trunk W and the Milwaukee River in the Village of Saukville for Floodplain and Wetland Restoration as Part of the County Highway Trunk W Road Reconstruction and Restoration Project

BACKGROUND INFORMATION: The Ozaukee County - Planning and Parks Department (Department) was invited to submit a grant application to the National Fish and Wildlife Foundation (NFWF) National Coastal Resilience Fund (NCRF) to support a County-sponsored fish and wildlife habitat improvement project in conjunction with a road (CTH W) reconstruction and improvement project. Specifically, the Department is partnering with the Ozaukee County Highway Department to engineer and design a holistic, long-term solution to improve County Trunk Highway W (CTH W) and alleviate flooding of the active roadway in the Village of Saukville, while improving floodplain connectivity for aquatic organism passage into the riparian floodplains, wetlands and historic Milwaukee River oxbow. Engineering and design are ongoing for a new roadway that allows for floodplain reconnection and functional fish and wildlife habitat connectivity by allowing substantial floodwater to pass under the new roadway, while improving the road infrastructure and safety by reducing flood occurrence. NFWF NCRF funding will support final design and engineering and permitting of project plans with a focus on the floodplain and habitat reconnection, habitat restoration/enhancement and environmental monitoring. This grant submittal is consistent with ongoing and previously completed habitat restoration projects in Ozaukee County. This project is supported by the following County plans: 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) (pages 12, 15, 29, 38, 82, 84, 94, 99, 106-108, 115) related to acquisition of lands along the Milwaukee River Recreation Corridor, areas of groundwater recharge potential and aquatic fragmentation and habitat restoration, 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) (pages 100, 101, 144, 271, 273, 276, 404) related to aquatic fragmentation, habitat restoration, protection and preservation of environmental corridors, and widening of portions of CTH W, [the Land and Water Resource Management Plan for Ozaukee County 2021-2030 https://www.sewrpc.org/SEWRPCFiles/Environment/LandWaterResourceManagementPla/capr-338-OZ-County-Land-and-Water-Resource-Management-Draft.pdf](https://www.sewrpc.org/SEWRPCFiles/Environment/LandWaterResourceManagementPla/capr-338-OZ-County-Land-and-Water-Resource-Management-Draft.pdf) (pages 22, 136, 243 - 247) relating to identification and removal of fish passage impediments and use of the Fish and Wildlife GIS Tool to prioritize aquatic connectivity and habitat restoration and preservation projects, 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) (pages 9, 13) related to the provide a safe and efficient transportation system for all (II. B. 5) and enhance quality of life assets strategic goals, and the County Board endorsed Regional

Water Quality Management Plan Update (pages 271, 273, 276) related to protection of floodplains and groundwater recharge areas. This project is also supported by the [Great Lakes Restoration Initiative Action Plan III <https://www.epa.gov/sites/production/files/2019-10/documents/glri-action-plan-3-201910-30pp.pdf>](https://www.epa.gov/sites/production/files/2019-10/documents/glri-action-plan-3-201910-30pp.pdf) (pages 6, 21-24). This project is also consistent with the Highway Department's identified transportation improvements to CTH W and secured Wisconsin Department of Transportation (WisDOT) Local Roads Improvement Program (LRIP) funding and is also supported by SEWRPC and the Vision 2050 Plan.

ANALYSIS: The NFWF NCRF grant request is \$250,000. A 1:1 non-federal match is required, which will be provided by the secured WisDOT LRIP grant (\$250,000) and a pending Wisconsin Department of Natural Resources (WDNR) Stewardship grant for acquisition of adjacent parcels (\$75,000). The Department will also leverage a secured US Fish and Wildlife Service (USFWS) Great Lakes Restoration Initiative (GLRI) restoration grant (\$900,000), a portion of the secured WisDOT LRIP grant (\$550,000), a pending Milwaukee Metropolitan Sewerage District (MMSD) acquisition grant (\$75,000), a pending US Forest Service (USFS) restoration grant (\$20,000) and a portion of the pending WDNR Stewardship acquisition grant (\$50,000) for a total project cost of \$2,170,000.

FISCAL IMPACT: Balance Current Year: NONE

Next Year's Estimated Cost: NONE (Additional Program Revenue of \$250,000)

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

Indicate source: NFWF NCRF grant (pending), WisDOT LRIP grant (secured), USFWS grant (secured), WDNR Stewardship grant (pending), MMSD grant (pending), and USFS grant (pending).

RECOMMENDED MOTION: Approve the submittal, acceptance, and implementation of a grant by the Planning and Parks Department to the National Fish and Wildlife Foundation National Coastal Resilience Fund to support reconnection of the Milwaukee River to historic floodplain, wetlands and oxbow as part of the CTH W road reconstruction and restoration project in the Village of Saukville.

ATTACHMENTS:

- P&P_Dept_About_NFWF NCRF 2024 (PDF)
- AS2024_NRC08082024_Grant Application Summary_CTH W_NFWF_NCRF_ATSFinal073024 (PDF)
- P&P_Dept_Milwaukee River Oxbow Master Plan Map (PDF)

NATURAL RESOURCES COMMITTEE



NATIONAL COASTAL RESILIENCE FUND

INCREASING THE NATION'S NATURAL DEFENSES

OVERVIEW

The National Fish and Wildlife Foundation (NFWF) is pleased to announce the 2024 National Coastal Resilience Fund (NCRF) Request for Proposals (RFP). NFWF will make investments in planning, design, and implementation of natural and nature-based solutions. The goal is to enhance protection for coastal communities from the impacts of storms, floods, and other natural coastal hazards and to improve habitats for fish and wildlife.

NFWF will award approximately \$140 million in grants to create and restore natural systems to increase protection for communities from current and future coastal hazards and improve habitats for fish and wildlife species. The availability of federal funds estimated in this solicitation is contingent upon the federal appropriations process; funding decisions will be made based on level of funding and timing of when it is received by NFWF.

Natural habitats such as coastal marshes and wetlands, coastal forests, rivers, lakes, and streams, dune and beach systems, and oyster and coral reefs – maintained at a significant size for the habitat type and natural hazard being addressed – can provide communities with enhanced protection and buffering from the growing impacts of natural coastal hazards, including rising sea- and lake- levels, changing flood patterns, increased frequency and intensity of storms, and other environmental stressors. NFWF's regional coastal resilience assessments identify areas, called *Resilience Hubs*¹, where natural resource restoration efforts will have the greatest impact for human community resilience and fish and wildlife. Projects need **not** be located in an area identified by NFWF as a *Resilience Hub* to be eligible, but applicants may find this tool useful to assess projects based on the dual benefits to habitats and human communities. Applicants may explore *Resilience Hubs* on the [Coastal Resilience and Evaluation Siting Tool \(CREST\)](#).

GEOGRAPHIC FOCUS

The NCRF is a national program focused on enhancement of resilience for coastal communities. Projects must be located within the coastal areas of U.S. coastal states, including the Great Lakes states, and U.S. territories and tribal lands. For the purpose of this funding opportunity, the eligible project area is defined as all coastal Hydrologic Unit Code (HUC) 8 watersheds that drain to the sea and any adjacent HUC 8 watersheds that are particularly low-lying or tidally influenced ("coastal areas");² a map of the NCRF geographic footprint can be found [here](#).

PROGRAM PRIORITIES

Nature-Based Solutions: Projects must focus on identifying or implementing natural, nature-based or hybrid solutions,³ such as restoring coastal marshes, reconnecting floodplains, rebuilding dunes or other natural buffers, or installing living shorelines (hereinafter "nature-based solutions").

Community Resilience Benefit: Projects must show clear benefits in terms of reducing current and projected threats to communities from natural coastal hazards, including, but not limited to sea-level rise, lake-level change, coastal erosion, increased frequency and intensity of storms, and impacts from other chronic or episodic factors (e.g., nuisance flooding during high tides, permafrost melt) (hereinafter collectively “coastal hazards”).

Fish and Wildlife Benefit: Projects must help to improve habitats for fish and wildlife species. Proposals should be as specific as possible in identifying the anticipated benefits to habitats and species that will result from the project proposed.

Community Impact and Engagement: Projects will be prioritized that provide risk reduction or job creation benefits to underserved or tribal communities (both federally recognized tribes and those tribes that are not federally recognized) and that directly engage⁴ community members in project design and implementation. NFWF encourages projects that are informed by Indigenous Traditional Knowledge, that promote tribal co-stewardship, that protect or enhance habitat for subsistence species, and/or that contribute to tribal food security. Projects should engage community-level partners (e.g., community-based or tribal organizations, community leaders, municipalities, NGOs, local installation representatives) to help design, implement, and maintain projects; secure maximum benefits for communities; and ensure sustainability and long-term maintenance. NFWF also encourages projects that are community-led, incorporate outreach to communities, foster community engagement, and pursue collaborative management for measurable conservation benefits.

Transferability and Sustainability: NFWF encourages projects that seek to re-shape our thinking on what constitutes coastal community resilience to climate impacts as experienced across different landscapes. This may include developing solutions that are scalable and transferable to other communities or that can catalyze further action toward resilience. Projects will be prioritized if they include specific plans for transferring and scaling the approaches developed through the project to ensure broader impact and integration into other government plans, programs, or policies in the community or region. NFWF also encourages projects that use innovative approaches.

GRANT APPLICATION SUMMARY

Project Name: Reconnecting the Milwaukee River to Historic Floodplain and Oxbow
Grant Name/Agency: NFWF NCRF **CFDA/State ID:**
Department: Planning & Parks
Total Project Amount: \$2,170,000 **Grant Match Required:** 50%

Exp Acct.
Rev Acct.
Preparer: Matt Aho
Approver: Andrew Struck

Strategy: (Linkages to other planning efforts) - Regional Water Quality Management Plan Update (P. 271, 273, 276) - POSP for Ozaukee County (P. 12, 15, 29, 38, 82, 84, 94, 99, 106-108, 115) - Comprehensive Plan for Ozaukee County: 2035 (P.100, 101, 144, 271, 273, 276) - Strategic Plan: Transportation System & Enhance Quality of Life Assets Goals (P. 9, 13) - Ozaukee County Land and Water Resource Management Plan (P. 4, 7, 29, 36, 56, 70, 76)		
Project Scope and Expectations - Reconnect Milwaukee River to historic floodplain, wetlands and oxbow - Alleviate flooding of CTH W, improve road infrastructure and safety - Final design, engineering and permitting - Improve and enhance riparian habitat and wetlands - Increase fish and wildlife habitat - spawning area		
Other Grants Supporting Project	Status	Amount
▪ WisDOT LRIP	Secured	\$800,000
▪ USFWS GLRI	Secured	\$900,000
▪ WDNR Stewardship	Pending	\$125,000
▪ USFS, MMSD	Pending	\$95,000
Project Partners: - NFWF NCRF, USFWS, USFS - WisDOT, WDNR - MMSD - Private Landowners		
Project Landowner Upon Completion: Ozaukee County		

GRANT EXPENSE		GRANT/PROJECT MATCH	
Operational Expense	\$	Operational Match	\$
Personnel & FB	\$75,000		
Travel	\$500		
Supplies	\$1,000		
Contractual (E&D)	\$173,500		
Capital Expense	\$	Other Grants	\$
		WisDOT LRIP	\$800,000
		USFWS GLRI	\$900,000
		WDNR Stewardship	\$125,000
		USFS, MMSD	\$95,000
TOTAL	\$250,000	TOTAL	\$1,920,000
% PROJECT	12%	% MATCH	88%

GRANT SUPPORTED STAFF		DEPARTMENT REVENUES	
Position	\$	Department	\$
Director		Personnel & FB	\$75,000
Program Manager		Travel	\$500
Conservation Biologists		Supplies	\$1,000
Admin Assist/Nat Res			
Natural Resource Tech			
TOTAL	\$0	TOTAL	\$76,500

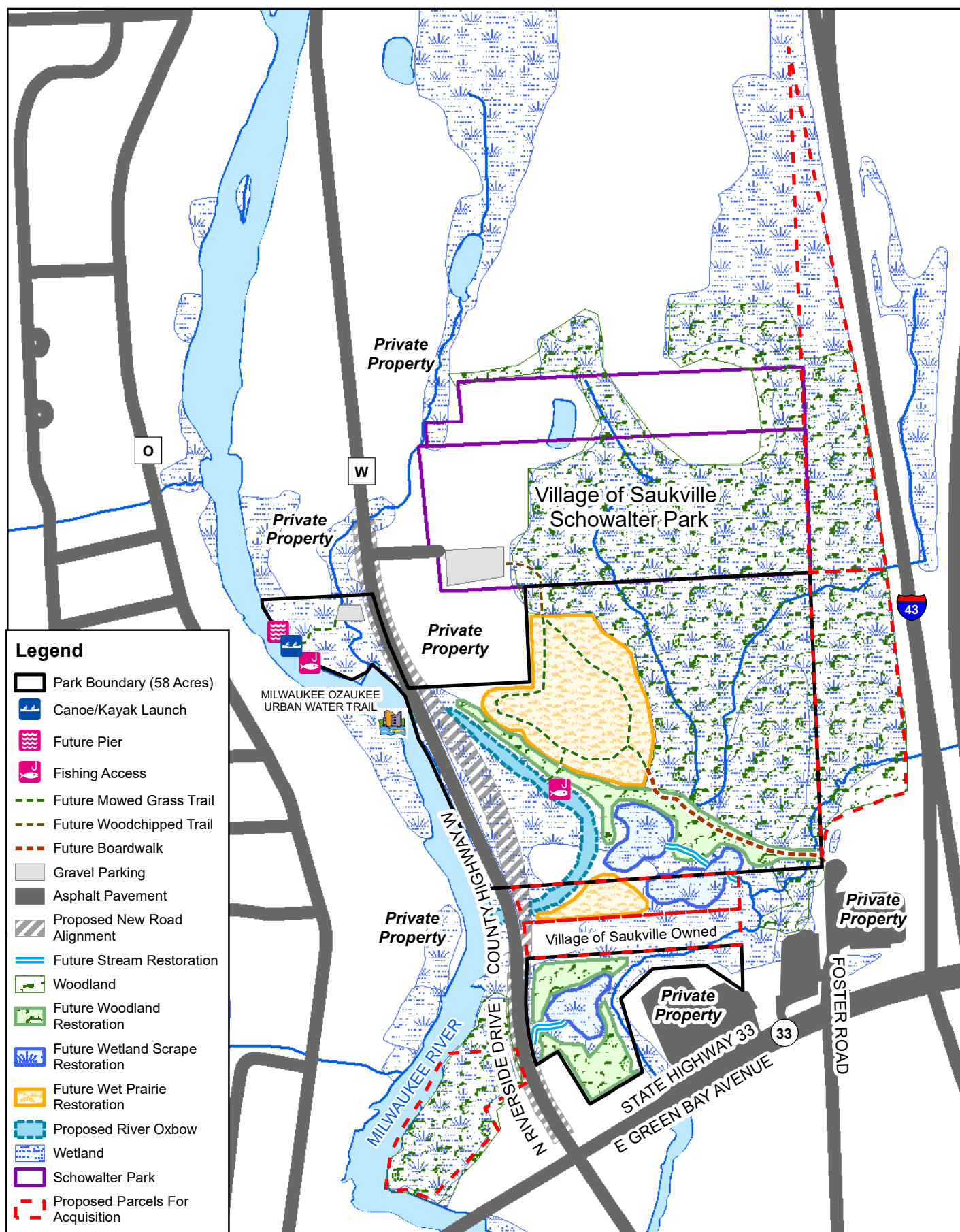
Project Risks: - Landowner coordination - Timelines - Land acquisition appraisal and negotiations	Comments - Joint project with Highway Department - Serve as match for other grants - Overall project costs ~ \$2,170,000
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Major Milestones		Date
Award Notification		Dec-24
Project Start		Jan-25
Final Plans, Permitting		Nov-26
Final Reporting		Dec-26
Duration:	2 Years	Extension: NA

FINAL DRAFT Milwaukee River Oxbow Nature Preserve

11.a.5.c

N Riverside Drive, Saukville, WI 53080



Attachment: P&P Dept_Milwaukee River Oxbow Master Plan Map (P&PDept_SubmitAccept_NFWNCRFRGrant_E&D_CTHWRestoration)



0 125250 500 Feet



Map Produced By:
Ozaukee County Planning
and

Packet Pg. 265

Natural Resources Committee

AGENDA INFORMATION SHEET

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

Agenda Summary Submittal and Acceptance of a National Oceanic Atmospheric Administration Bipartisan Infrastructure Law Coastal Zone Management Habitat Protection and Restoration Competition Grant for Habitat Restoration at Clay Bluffs Cedar Gorge Nature Preserve (County Park)

BACKGROUND: The Ozaukee County - Planning and Parks Department (Department) proposes to submit a grant application to the National Oceanic and Atmospheric Administration (NOAA) Bipartisan Infrastructure Law Coastal Zone Management Habitat Protection and Restoration Competition (BILCZM) grant program to fund County activities to continue habitat restoration at Clay Bluffs Cedar Gorge Nature Preserve County Park (Nature Preserve). The Department with the Ozaukee Washington Land Trust recently acquired the 134-acre Clay Bluffs Nature Preserve in fall 2022 with the support of Ozaukee County, multiple direct federal and state grants and contributions from local partners and private donors. The Nature Preserve, located on the Lake Michigan shoreline, is undeveloped and there is significant public interest in restoration and improving public access both throughout the new park and to Lake Michigan. In addition, habitat restoration is part of the goals and requirements of several of the acquisition grants inclusive of the Park Master Plan and OWLT conservation easement. A Wisconsin Coastal Management Program (WCMP) grant was awarded in 2020 to support development of a Master Plan for the Nature Preserve. The Master Plan includes native restoration of the existing marginal farmland to prairie/grassland, forest (e.g., coastal lake forest) and wetlands, addressing Lake Michigan bluff erosion and stability through restoration, management of invasive species, passive recreational use and access to Lake Michigan, and enhancement and restoration of the existing coastal forest and wetland habitat. NOAA BILCZM and associated leveraged grant funding would support invasive species management, design and construction of wetland restorations and native prairie and forest restoration on the northern approximately two-thirds acreage of the Nature Preserve. The Department has received WCMP and Wisconsin Department of Natural Resources (WDNR) Stewardship grants in 2023 for similar public access and habitat restoration activities in the southern third acreage of the Nature Preserve and this project represents a continuation of these efforts. This project is supported by the following plans: the County [Park and Open Space Plan](https://www.co.ozaukee.wi.us/DocumentCenter/View/729/Park-and-Open-Space-Plan-for-Ozaukee-County-3rd-Edition?bidId=) [<https://www.co.ozaukee.wi.us/DocumentCenter/View/729/Park-and-Open-Space-Plan-for-Ozaukee-County-3rd-Edition?bidId=>](https://www.co.ozaukee.wi.us/DocumentCenter/View/729/Park-and-Open-Space-Plan-for-Ozaukee-County-3rd-Edition?bidId=) related to the importance of wetlands and restoration projects (p. 12, 18, 108), 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) related to stormwater management, wetlands and surface water quality, public access to rivers, streams and lakes, and invasive species management (p. 101, 176, 269, 277-284, 287, 452, 456, 558, 559), the County Strategic Plan 2020-2024 <https://www.co.ozaukee.wi.us/DocumentCenter/View/14493/Ozaukee-County-Strategic-Plan->

[2020-24>](https://www.sewrpc.org/SEWRPCFiles/Environment/LandWaterResourceManagementPlan/capr-338-OZ-County-Land-and-Water-Resource-Management-Draft.pdf) (p. 13) related to the enhance quality of life assets strategic goal, the Land and Water Resource Management Plan for Ozaukee County 2021-2030 <https://www.sewrpc.org/SEWRPCFiles/Environment/LandWaterResourceManagementPlan/capr-338-OZ-County-Land-and-Water-Resource-Management-Draft.pdf> (pages 11, 103, 143, 195), to promote and implement habitat preservation and restoration and stormwater management practices and the final draft of the Clay Bluffs Cedar Gorge Nature Preserve County Park Master Plan.

ANALYSIS: The NOAA BILCZM grant request is \$3,046,000. No formal match is required, though the Department will leverage a secured US Forest Service (USFS) grant (\$107,000) and pending National Fish and Wildlife Foundation (NFWF) (\$500,000), WDNR Stewardship (\$249,999) and Fund for Lake Michigan (FFLM) (\$250,001) grants for a total project cost of \$4,153,000.

FISCAL IMPACT: Balance Current Year: NONE

Next Year's Estimated Cost: NONE (Additional Program Revenue \$3,046,000)

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

Indicate source: pending NOAA BILCZM, NFWF SOGL, WDNR Stewardship and FFLM grants and secured USFS grant.

RECOMMENDED MOTION: Approve the submittal, acceptance, and implementation of a grant by the Planning and Parks Department to the National Oceanic and Atmospheric Administration Bipartisan Infrastructure Law Coastal Zone Management Habitat Protection and Restoration Competition grant program to fund habitat restoration at Clay Bluffs Cedar Gorge Nature Preserve County Park.

ATTACHMENTS:

- P&P_Dept_NOAABIL_NOFO (PDF)
- P&P_Dept_CBCGNP Map, NOAA BIL July 2024 7.30.24 (PDF)
- NRC0808024_NOAABIL_CBCGNPImprovements_Grant Summary Spreadsheet_ATSFinal073124 (PDF)

NATURAL RESOURCES COMMITTEE

NOTICE OF FUNDING OPPORTUNITY

Executive Summary

Federal Agency Name

NOS Office for Coastal Management (OCM)

Funding Opportunity Title FY24 Bipartisan Infrastructure Law Coastal Zone Management Habitat Protection and Restoration Competition

Announcement Type Competitive

Funding Opportunity Number NOAA-NOS-OCM-2024-27096

Assistance Listing Number(s) 11.473

Dates Letters of Intent (LOIs) must be received by 11:59 p.m. Eastern Time on August 15, 2024. Full proposals (by invitation only) must be received by 11:59 p.m. Eastern Time on January 9, 2025.

Funding Opportunity Description

The purpose of this notice is to solicit grant proposals from eligible state and territory Coastal Zone Management Programs (CZM Programs) for coastal habitat restoration; coastal habitat restoration planning, engineering, and design; and coastal land conservation projects that support the goals and intent of the Coastal Zone Management Act (CZMA), the Coastal and Estuarine Land Conservation Program (CELCP), and the Infrastructure Investment and Jobs Act (Bipartisan Infrastructure Law)(BIL, Public Law 117-58, 135 STAT. 1356 (Nov. 15, 2021).

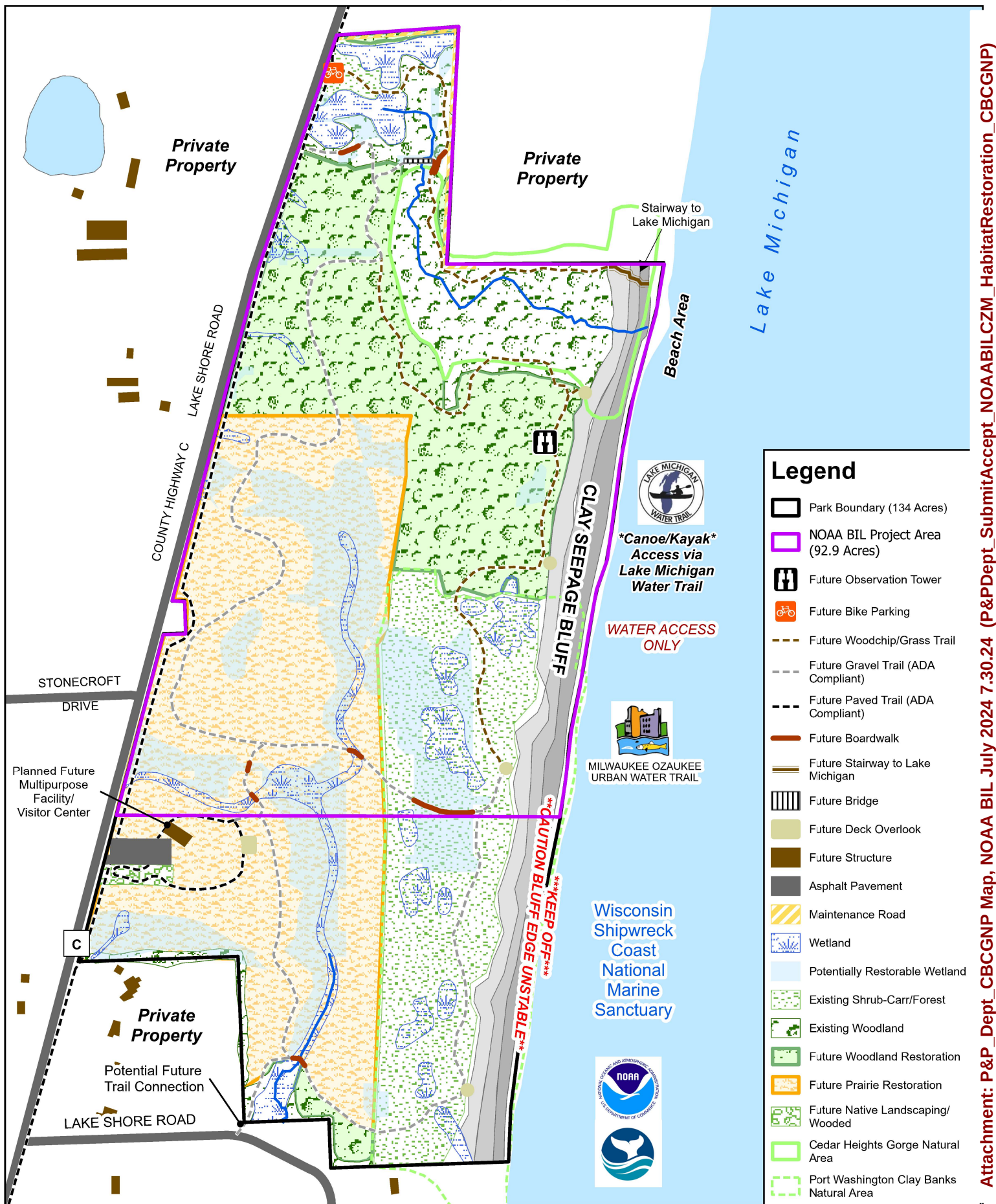
NOAA anticipates that approximately \$45 million will be competitively awarded to approved state and territory Coastal Zone Management Programs or eligible Program partners. For habitat restoration engineering, design and planning projects, it is anticipated that awards will range from approximately \$200,000-\$500,000. For habitat restoration projects, it is anticipated that awards will range from approximately \$2 million to \$6 million. For land conservation projects, it is anticipated that awards will range from approximately \$1 million to \$4 million. Applicants may propose projects with a Federal funding request less than or more than these amounts, up to \$6 million.

The NOAA Office for Coastal Management (OCM) encourages applicants and awardees to support the principles of equity and inclusion when writing their proposals and performing their work. Promoting equity and inclusion through community engagement, co-development, and partnership improves creativity, productivity, and the vitality of the coastal management community that OCM supports. NOAA also encourages applicants to propose projects with benefits to tribal, indigenous, and/or underserved communities, and projects that appropriately consider and elevate local or indigenous knowledge in project design, implementation, and evaluation. Applicants should identify if the project is located within tribal, indigenous, and/or underserved communities, and/or whether a portion of the resilience benefits from the proposed work will flow to tribal, indigenous, and/or underserved communities. This program will advance the Biden-Harris Administration's Justice40 Initiative. Established by Executive Order 14008 on "Tackling the Climate Crisis at Home and Abroad," the Justice40 Initiative has established a goal that 40 percent of the overall benefits of certain federal investments in climate, clean energy, and other areas will flow to disadvantaged communities that are marginalized and overburdened by pollution and underinvestment.

Clay Bluffs Cedar Gorge Nature Preserve

Lake Shore Road, Grafton, WI 53024

11.a.6.b



Attachment: P&P_Dept_CBCGNP Map, NOAA BIL July 2024 7.30.24 (P&PDept_SubmitAccept_NOAA BIL CZM_HabitatRestoration_CBCGNP)

GRANT APPLICATION SUMMARY

Project Name: Habitat Restoration at CBCGNP (Northern 2/3rds)
Grant Name/Agency: National Oceanic and Atmospheric Administration, BIL(CFDA/State ID:
Department: Planning & Parks
Total Project Amount: \$4,153,000 **Grant Match Required:** 0%

Exp Acct. **Preparer:** Matt Aho
Rev Acct. **Approver:** Andrew Struck

Strategy: (Linkages to other planning efforts) - Comprehensive Plan for Ozaukee County: 2035 (P.101, 176, 269, 277-284, 452, 456, 558, 559) - Ozaukee County Land and Water Resource Management Plan (P. 11, 103, 143, 195) - Park and Open Space Plan for Ozaukee County (P. 12, 18, 108) - Ozaukee County Strategic Plan 2020-2024 (P. 13) - Draft Master Plan for Clay Bluffs Cedar Gorge Nature Preserve County Park		
Project Scope and Expectations - Wetland restoration - Forest restoration - Native prairie restoration - Invasive vegetation management		
Other Grants Supporting Project - WDNR Stewardship - FFLM - NFWF SOGL - USFS	Status Pending Pending Pending Secured	Amount \$249,999 \$250,001 \$500,000 \$107,000
Project Partners: - NOAA/WCMP - WDNR Stewardship, FFLM - OWLT - NFWF SOGL		
Project Landowner Upon Completion: Ozaukee County		

GRANT EXPENSE		GRANT/PROJECT MATCH	
Operational Expense	\$	Operational Match	\$
Personnel & FB	\$702,923		
Travel	\$10,077		
Supplies	\$230,000		
Other	\$10,000		
Capital Expense	\$	Other Grants	\$
Contractual (HWY)	\$1,250,000	WDNR Stewardship	\$249,999
Contractual (Corps)	\$793,000	FFLM	\$250,001
Contractual (E&D)	\$50,000	NFWF SOGL	\$500,000
		USFS	\$107,000
TOTAL	\$3,046,000	TOTAL	\$1,107,000
% PROJECT	73%	% MATCH	27%

GRANT SUPPORTED STAFF		DEPARTMENT REVENUES	
Positon	\$	Department	\$
Director		Personnel & FB	\$702,923
Program Manager		Travel	\$10,077
Senior Planner		Supplies	\$230,000
Conservation Biologists		Contractual (HWY)	\$1,250,000
Natural Res. & GIS Tech.			
TOTAL		TOTAL	\$2,193,000

Major Milestones		Date	
Grant Award		Aug-25	
Engineering and Design Plans		Apr-26	
Construction and Restoration		Jul-28	
Duration:	3 years	Extension:	NA

Project Risks: - Weather/site conditions - Contractor (HWY) availability - Timelines - Pending grant match funding	Comments - Overall estimated costs without final E&D - Serve as match for other grants - Overall project costs ~ \$4,152,999
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Attachment: NRC0808024_NOAA-BIL_CBCGNPImprovements_Grant Summary

RESOLUTION NO. (ID # 10206)

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

NATURAL RESOURCES COMMITTEE

Natural Resources Committee
AGENDA INFORMATION SHEET

AGENDA DATE:	August 8, 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

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. _____.

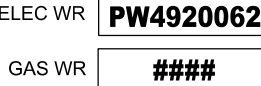
Notary Public Signature, State of Wisconsin_____
Notary Public Name (Typed or Printed)

(NOTARY STAMP/SEAL)

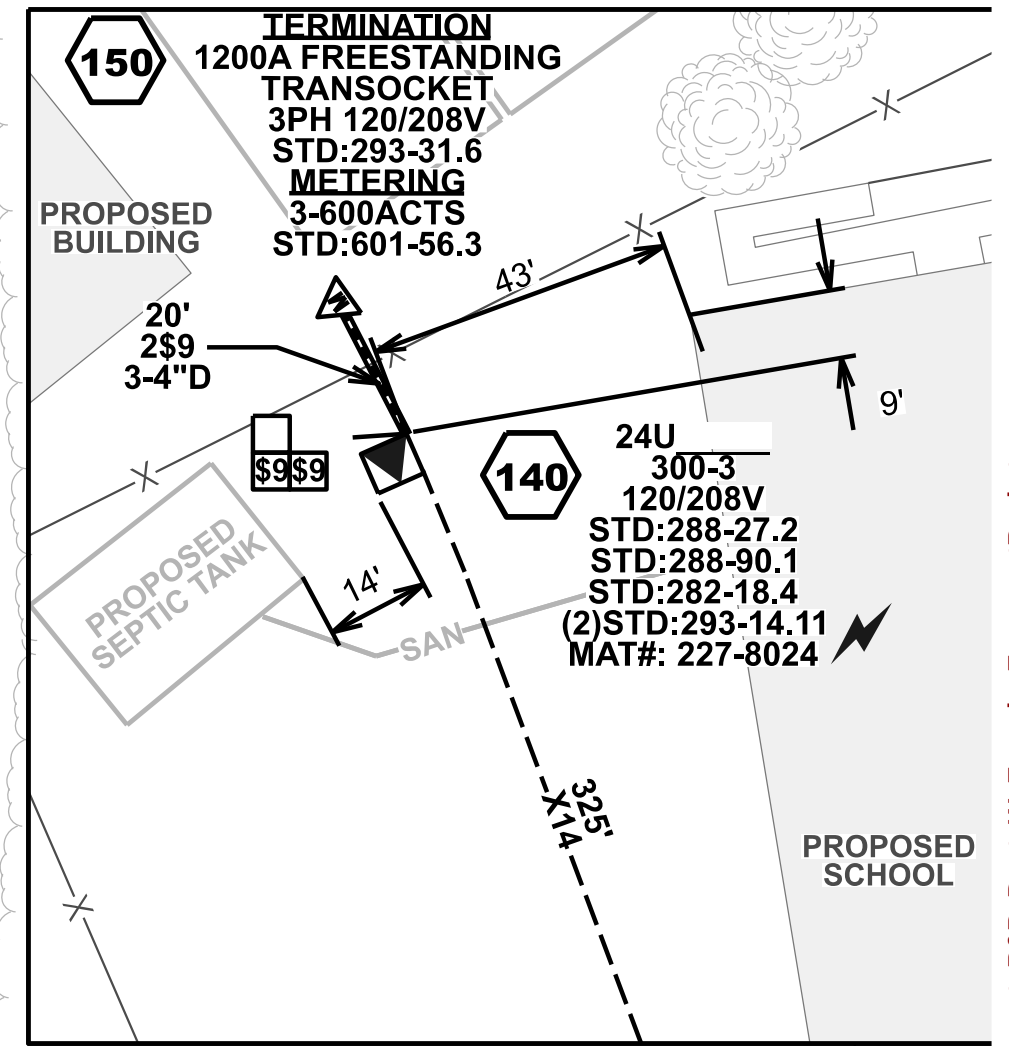
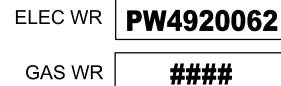
My commission expires _____

Attachment: P&P_Dept_WeEnergiesEasementPacket





Packet Pg. 277

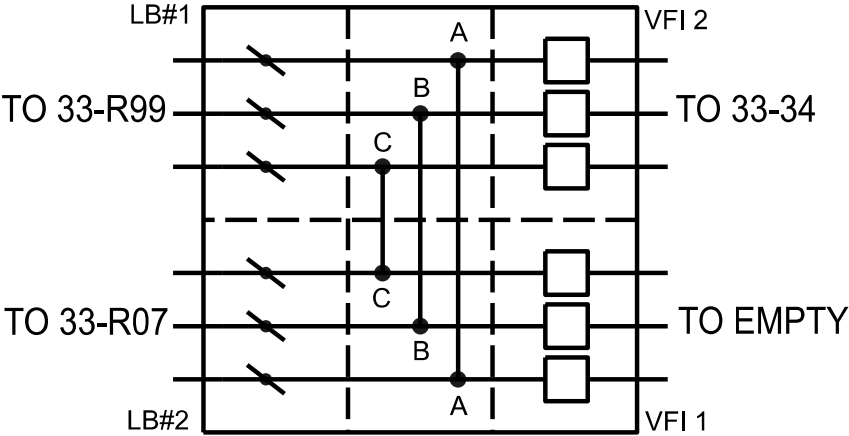


FOR SO USE ONLY	MANUFACTURER:	_____
	KVA:	_____
	VOLTAGE:	_____
	LOCATION ID:	_____
	PHASE:	_____
	FLUID TYPE:	_____ DESIGN IZ: _____
	SERIAL:	_____
	MATERIAL #:	_____ 227-8024 _____
ASSET ID #:	_____	
3 PHASE TRANSFORMER LOAD BREAK SWITCHES? ☐ Y ☐ N		
WE ENERGIES EQUIPMENT ENERGIZED ☐ Y ☐ N		
Customer EQUIPMENT ENERGIZED ☐ Y ☐ N EDC: _____		
SWITCHED BY: _____ DATE/TIME: _____		

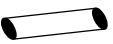
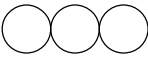
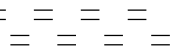
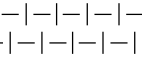
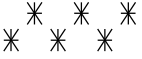
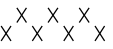
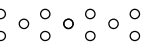
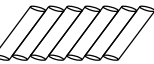
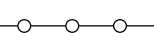
Packet Pg. 278



SW/VFI DIA. 10U11633



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 <u>E, F, H, Q, R, W, X or Z</u>		STANDARD WIRE KEY				NEUTRAL		SECONDARY - 1PHASE		SECONDARY - 3PHASE		11.a.7.a
	Z	1 #2 ACSR	DIRECT BURY PRIMARY - E, F, H, Q, R, W, X or Z				N	1-#2 ACSR	S	6DX	\$	1/0 TXF	
	Z1	1 #1/0 ACSR	Z13	1 #1 AL 25KV	X22	1 #2 Cu 15kV	N1	1-#1/0 ACSR	S1	4 TX	\$1	4/0 TXF	
	Z2	1 #3/0 ACSR	Z14	3 #1 AL 25KV	X23	3 #2 Cu 15kV	N2	1-#3/0 ACSR	S2	2 TX	\$2	336 TXF	
	Z3	3 #2 ACSR	Z15	3 #500 AL 28KV	Z24	1 #2 Cu 25kV	N3	1-#4/0 AL	S3	1/0 TXR	\$3	3/0 TX	
	Z4	3 #1/0 ACSR	X16	1 #2 AL 15KV	Z25	3 #2 Cu 25kV	N4	1-#336 ACSR	S4	3/0 TXR	\$4	350 TX	
	Z5	3 #3/0 ACSR	X17	3 #2 AL 15KV	X26	3 #500 Cu 15kV	N5	REMOVAL	S5	350 TXR	\$5	750 TX	
	Z7	3 #336 ACSR	X18	3 #500 AL 15KV	Z27	3 #500 Cu 28kV	GUYING		S6	750 TXR	\$6	1/0 QXF	
	Z9	SPECIAL LIST ON SKETCH	R19	3 #1/0 AL 35KV	Z28	3 #750 Cu 28kV	G	1/4" ARM GUY	S7	1/0 TXF	\$7	3/0 QXF	
	Z10	1 WIRE REMOVAL	R20	3 #750 AL 35KV	Z29	SPECIAL - LIST ON SKETCH	G1	5/16" ARM GUY	S8	4/0 TXF	\$8	350 QXR	
Z11	2 WIRE REMOVAL	Z21	3 #750 AL 28KV			G2	3/8" ARM GUY	S9	336 TXR	\$9	750 QXR		
Z12	3WIRE REMOVAL					G3	5/16" POLE GUY	S10	750 TXF	\$10 3 WIRE REMOVAL			
						G4	3/8" POLE GUY	S11	3 WIRE REMOVAL	\$11 3/0 QXR			
						G5	7/16" POLE GUY	S12	3 WIRE MAIN	\$12 4 WIRE REMOVAL			
								S14	6DX CIC				
								S15	1/0TX CIC				

EROSION CONTROL LEGEND	
 APPROXIMATE LOCATION FOR UNDERGROUND FACILITY EXCAVATION	
 INLET PROTECTION, TYPE A/B/C/D	
 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.



Natural Resources Committee

AGENDA INFORMATION SHEET

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

Agenda Summary Planning & Parks Department Management and Financial Reports

ATTACHMENTS:

- P&PDEPT_MGMTREPORT_NRC080824_JULY2024_FINAL_ATS073124 (PDF)
- 1) CommRpt2024 June 2024 (PDF)
- 2) Summary of Parks Revenue Jun 2024 (PDF)
- 3) Golf Courses Daily Revenue 2024 (PDF)
- 2024.7.11 News Graphic, Planning and Parks Department to repave (PDF)
- 2024.7.11 Ozaukee Press, County clears way for nature school in park (PDF)
- 2024.7.11 Ozaukee Press, Little creek nets county big award (PDF)
- 2024.7.11 Ozaukee Press, Repaving of Interurban Trail planned for fall (PDF)
- 2024.7.18 Ozaukee Press, Parks to get \$250,000 of more security (PDF)
- 2024.7.19 Wisconsin Coastal Management Program - Thank You (PDF)
- 2024.7.25 Ozaukee Press, 44th annual golf tournament is set for Aug. 3 and 4 (PDF)
- 2024.7.25 Ozaukee Press, A poster child for preservation (PDF)
- 2024.7.25 Ozaukee Press, County gets \$3.2 million to restore fish habitat (PDF)
- 2024.7.25 Ozaukee Press, On the road again for a cause (PDF)
- 2024.7.30 News Graphic, Have bike, will fundraise (PDF)
- 2024.6.27 Ozaukee Press, NOSD charter school receives \$1 million grant for expansion (PDF)
- 2024.7.4 Ozaukee Press, Photo Op-Ed Waubedonia (PDF)
- 2024.7.9 News Graphic, 'Now that we have clarity from the court' (PDF)
- 2024.7.18 Ozaukee Press, United court slams enemies of conservation grants (PDF)

NATURAL RESOURCES COMMITTEE



GOLF COURSES



11.c.1.a

GOLF COURSES — MEE-KWON PARK AND HAWTHORNE HILLS

- July (thru July 18th) revenue and rounds: \$346,607.16 and 9,368 rounds (2024) and \$316,305.11 and 9,339 rounds (2023) for both MKGC & HHGC. Summary of 2024 total revenue (YTD) \$1,457,410.11 and 40,425 rounds (\$36.05/person) & 2023 total revenue (YTD) \$1,485,125.32 and 41,290 rounds (\$35.97/person). July 2024 has a slight increase in rounds and revenue through the 18th.
- GC Maintenance staff have continued work on ash tree/invasive species removals and tree planting under the USFS grants, particularly at MKGC near the Clubhouse and HHGC near the Maintenance Building. Tree planting & ash tree removals will continue in 2024. GC Maintenance has been busy working on irrigation leaks at HHGC and MKGC.



ECOLOGICAL DIVISION



BIRD CONSERVATION / BIRD CITY WISCONSIN

Ozaukee County was awarded "High Flyer" status for its Bird City Wisconsin (BCW) renewal in 2024. The "High Flyer" status is the highest level of achievement under BCW and Ozaukee County was the first County in the State to achieve "High Flyer" status and is one of only 34 communities to accomplish this highest level out of 80 BCW communities in WI. Continued maintenance and monitoring of nest boxes (Kestrel, Bluebird, Wood duck) including 11 new bluebird boxes at Tendick, 9 new bluebird boxes at Virmond and several new Wood duck boxes at LMRFWP and HH Park. Received additional bluebird boxes from LMBO for installation at the LMRFWP. Coordinated on Kestrel Box research/monitoring and w/ LMBO for Oakland Green.

FISH PASSAGE PROGRAM / ECOLOGICAL

Aquatic Connectivity Projects: Coordination with landowners, local municipalities, County Highway Dept (HWY), and contractors (youth conservation corps) for completion of planned construction and site restoration work, including grant-funded materials acquisition and Federal, State and local permitting. Contract management and site visits for finalizing engineering and design work for culvert replacements or remediation work on Tendick Creek in the T Saukville, Sucker Brook Creek in T Port Washington, and Silver Beach Creek in the T Belgium.

Habitat Improvement Projects: Ongoing project planning w/ WDNR & Milwaukee County for aquatic habitat inventories, assessments, & engineering and design support (including an RFP for E&D) for aquatic habitat restoration activities on the Little Menomonee River in Milwaukee County. Continued restoration (e.g. Prairie planting at Oakland Green Park) and ongoing permitting for stream and wetland restoration work on Tendick Creek/Park. Coordinated with HWY, the Village of Saukville, funding partners and landowners for land acquisitions and planning for habitat restoration in conjunction with the CTH W rehabilitation project in the Village of Saukville. Ongoing Lake Sturgeon habitat assessment work in coordination with WDNR and UW-Milwaukee. On-going planning with partners for Sucker Creek restoration work. Coordinated w/ consultant (Inter-Fluve) and UCP on ongoing habitat enhancements at Ulao Creek including a grant submittal (UCP). Coordination w/ City of Port Washington on planned habitat improvements on Mineral Springs Creek & Sauk Creek. Engineering & design RFP development and project planning for Mineral Springs Corridor Resiliency, Virmond Park stormwater wetland & CBCGNP restoration projects.

Environmental Monitoring: Continued analysis & reporting of fish, avian, wildlife, and water quality sampling data per QAPPs. Supplies and materials acquisition, project planning and continued implementation of 2024 monitoring activities. Water quality sampling analysis for the Little Menomonee River/Creek and Ulao & Mole Creeks. WQ sampling at LMR AOC (7/3), LMR/LMC () and Ulao and Mole (7/15). Coordinated w/ SEWRPC for flow monitoring on Sucker Creek. Monitoring of flow and temperature units. Continued water quality monitoring analysis as part of WDNR AOC LMR & SW Grants. Ongoing monitoring/analysis of the underwater "fish cam" at MT Fishway. Continued larval & backpack electrofishing fish monitoring data analysis and reporting on project streams. QAPP development and approval for upcoming 2024 projects (e.g. Sucker Creek impediment remediations, Tendick Creek stream and wetland restoration). Coordination with Shedd Aquarium on volunteer Sucker fisheries monitoring on Sucker Creek.

Education and Outreach Activities: On-going website and social media development and refinement of multiple education/outreach materials and updates on construction and restoration projects. Temporary signage at construction and restoration projects. Development of temporary and permanent education signage for multiple projects including Mineral Springs Creek w/ LMBO, Lake Michigan public access, wetland restorations, chimney swift tower at Virmond County Park & Tendick Nature Park wetland and prairie restoration. Research of applicable bluff safety signage, brochures and ordinances. Website updates.

Reporting and Other Activities: On-going grant (financial & technical) reporting for USFWS, USFS, NOAA/WCMP, NFWF SOGL, WDNR (Stewardship, SWM, CCA, OGW), SEWISC & FFLM. Submitted multiple grant applications. QAPP & NEPA submittals & approvals for federal & state funded projects. Coordinated w/ AmeriCorps NCCC, WisCorps, & MCSC on 2024 work. Coordinated w/GLE regarding the GIS Fish & Wildlife Habitat Tool contracts. Coordinated w/ partners (MMSD, Riverkeeper, SEWRPC) on water quality monitoring. Coordinated w/ LMBO, CPort Washington, We-Energies, HWY & WDNR regarding stream corridor restoration on Mineral Springs Creek. Coordinated w/ LMRP, OCWC, consultants, & landowners on stream & habitat restoration planning for Sucker Creek in Towns of Port Washington & Belgium. Coord. w/ WDNR MR AOC & Lamp Coordinators. Coordinated w/ Finance on project accounting system, grant reporting/reimbursements & annual audit. Completed multiple federal & state grant reimbursement requests. Mtgs for the AOC MAIT (), Fish & Wildlife Tech Team (), & Project Managers (7/10). Coordinate w/ Hwy, landowners & consultant on CTH W Project. Coordinated w/ Interfluve, raSmith & Fish Creek Restoration consultants on FP & habitat restoration projects (). Coordinated w/ WDNR Fisheries on grant funding for current & future projects. Coordinate w/ LMBO Re: MSC restoration & educational signage. WI Lakes & Rivers Partnership Mtg (). Mtgs w/ Sugar Maple Nature School Re: Development (7/5, 7/12, 7/19, & 7/26). Coordinate w/ SEWRPC Re: LMPN grant, inland lake surveys and Sucker Creek flow monitoring units in Sucker Creek. Monitor acoustic monitors for herps and birds at LMRFWP. Coord w/ HWY on 2024 Parks & Ecological Division projects. Coordinated w/ partners (UW-Madison Geoscience Dept, WI Geologic & Natural History Survey, US Geological Survey) on coastal bluff erosion & groundwater monitoring well issues. SWWT Finance and Board Mtg (). Hosted a tour with the Governor and Secretary of WDOA at Tendick Nature Park regarding our WCMP grant for restoration of Tendick Creek and Wetlands (7/17).

INVASIVE SPECIES MANAGEMENT

Continued removal of ash trees, invasive shrubs and herbaceous spp. at County Parks and Restoration Areas including Tendick, Covered Bridge, Lion's Den Gorge, Mee-Kwon, CBCGNP, Hawthorne Hills, River Oaks, Ulao Creek NP & Virmond Parks under private foundation grants. Continued work on private foundation grants for native tree planting and invasive management in the County Park System. Continued planning for ROW Invasive Species Treatment and coordinated w/ HWY on implementation. Coordinated on 3 USFS grants w/ Partners (HH Park & Coastal Parks Project Areas) for tree planting and Corps Team assistance.

DEPARTMENT ADMINISTRATION

- Attended NRC, CB & CPB (7/2, 7/3, 7/17). Department Head Mtg. Work on Department Budget 2025, goals & engagement
- Managing staff teleworking/remote working and parks & golf course operations. Worked on metric reporting & website statistics.



PLANNING & PARKS DEPARTMENT

CURRENT PROJECTS & REPORT UPDATES

JULY 2024



MISSION STATEMENT

To provide opportunities for Ozaukee County residents and visitors to appreciate and enjoy the natural and cultural resources, local ecology, recreational experiences, well planned sustainable growth and improved quality of life in Ozaukee County through the preservation, restoration and management of natural resources, increased awareness and education, stewardship, promotion of tourism, comprehensive planning, and the acquisition, development, enhancement and operation of large scale, intergovernmental recreational opportunities including exceptionally well-maintained golf courses, cultural resources, multi-use trails and parks.

<https://www.co.ozaukee.wi.us/540/Planning-Parks>

Ozaukee County Administration Center
121 W. Main Street, Box 994
Port Washington, WI 53074-0994
Phone: 262-284-8257

Packet Pg. 282

Attachment: P&PDEPT_MGMTREPORT_NRC080824_JULY2024_FINAL_ATS073124



Ozaukee County Planning and Parks



PLANNING DIVISION

Comprehensive Planning

- Reviewed local government amendments to County Comprehensive Plan (e.g. Towns of Grafton, Port Washington, Belgium, Cedarburg & Saukville, Villages of Grafton, Belgium & Newburg & Cities of Port Washington & Mequon). Coordinated w/ SEWRPC on County Comp Plan amendment regarding local governments.
- Coordinated w/Town of Saukville, Town & Village of Belgium and Village of Fredonia on amending their local comprehensive plan, planned land use map and County Comprehensive Plan. Explored options w/ SEWRPC.
- Began to review the GIS mapping for the proposed local government amendments to the County Comprehensive Plan (e.g. planned land use map). Follow-up w/ SEWRPC staff regarding level of effort for updates.
- Continued to staff the Comprehensive Planning Board meetings (7/17) (regular schedule—every other month). Meeting agendas and minutes at <https://www.co.ozaukee.wi.us/2107/Comprehensive-Plan-Board>

Land Division / Plat Review / Zoning

- Discussed/reviewed preliminary/final land divisions with landowner(s) in the Towns of Grafton, Port Washington, Saukville & Cedarburg. Generated GIS maps including: zoning, land use, soils, floodplain, wetlands, etc.
- Provided review for proposed projects under the County-owned lands zoning ordinance including: Pinnacle property—communications tower, Highway properties—nonmetallic mining, Advocates of Ozaukee—building expansion, Hawthorne Hills County Park—Pioneer Village windmill structure and Grafton (CTH V and CTH W) Park & Ride—County ownership. Revision to County-owned Lands Zoning Ordinance (P-1 district).

Park and Open Space Plan - Park & Natural Areas Preservation/Conservation Planning

- Reviewed prioritization and implementation recommendations in the adopted *Park and Open Space Plan for Ozaukee County: 2035 (POSP)* as approved by County Board on June 1, 2011. Coordinated with SEWRPC staff regarding the update to the POSP, inventory data, mapping, chapters and on-site surveys. Coordinate with the Comprehensive Planning Board - POSP Chapters including plan recommendations and SWOT.
- Discussed recommendations of the POSP with residents, WDNR, MMSD/Conservation Fund, OWLT, WWA, ROTB, FOCB, USFWS and Ozaukee Treasures Network, particularly with regard to identified Natural Areas and proposed County parks and trail systems. Continued discussions with interested citizens regarding developing a mountain bike park & natural area acquisitions (CTH W-VSaukville, OIT-TGrafton, Town of Saukville Properties, Waubedonia-TFredonia, LDGNC/CBCGNP Project Area—TGrafton)
- Coordinated with the Conservation Fund/MMSD on the expanded Greenseams Program (CTH W project). Coordinated w/ USFWS, WDNR, Ducks Unlimited, Conservation Fund/MMSD on fish passage projects.
- Coordinated/attended meetings with partners (e.g. FOCB (), WDNR (), MMSD/TCF(), OWLT, OCWC, BCW (), LNRP (), DU, OTN, LMBO, WAC) to discuss natural area preservation/restoration.
- Revising final drafts of three County Park Master Plans including Virmond, Lion's Den Gorge Nature Preserve (LDGNC) and Clay Bluffs Cedar Gorge Nature Preserve (CBCGNP). Updating all Park Master Plan (GIS) maps w/ Staff. Follow-up on the CBCGNP overall master planning and future restoration. Summarized POSP Public Information Mtgs and prepared draft Chapters including County Project Areas.
- Coordinated with WDNR staff on Stewardship grant requirements and recent WDNR Stewardship Grants.

Farmland Preservation Plan and Working Lands Initiative

- County Board formally adopted the *Farmland Preservation Plan for Ozaukee County: 2035 (FPP)* on July 3, 2013 as a stand alone plan. The County Board adopted the Comprehensive Plan Amendment 2013-02 (incorporation of FPP & POSP) on 12/4/13. Received \$30,000 DATCP FPP Grant and certification extension. Coordinated (w/ SWWT & MMSD and other partners) on implementation of the Cedar, Pigeon, Mole and Ulao Watershed 9 Key Element Plan per FPP (e.g. Tendick Creek floodplain and wetland restoration per grants).
- Coordinated with the Town of Belgium on a revision to the County FPP per a zoning/land use change.

Geographic Information Systems (GIS) / Land Information

- Continued development of the GIS Fish & Wildlife Habitat Model and Ecological Prioritization GIS Tools with partners (NACPRO Award 2021). Reviewed Preservation/Restoration output maps with partners and coordinated with staff/partners/consultant on next steps for the GIS Tools. Continued work on Fisheries/Herps component of the GIS Tools. Worked w/ consultant on SLCI reports for LMRFWP (NACo Award 2023).
- Prepared several GIS databases and maps for the Planning, Parks and Trails and Ecological Division regarding: land divisions, zoning, tree plantings, natural areas, Trail/ROTB, streams/Impediments, wetland/riparian restorations, stormwater, water quality, fish & wildlife monitoring, invasive species, and restorations.
- Coordinated w/ LIO on GIS databases (trails, land use), JEM Grant (GIS Storybook OIT), & legal descriptions.
- Coordination w/ SEWRPC and LWMD on an update to the County Shoreland (& Floodplain) Zoning Maps.

Floodplain, Stormwater Management, Bluff Erosion and Construction Site Erosion Control

- Developed/reviewed erosion control, floodplain and stormwater management plans, permits and implementation for various Fish Passage Program projects (e.g. MSC, Sucker & Tendick Creeks), Parks (e.g. Virmond stormwater wetlands, HH Park SMNS Bldg. and Septic) & Ozaukee Interurban Trail projects with USACOE, WisDOT, WDNR, LWMD, consultants, & municipalities (e.g. Town of Saukville, City of Mequon).
- Coordinate/Met w/ WCMP State Coastal Hazards WG regarding Virmond Park, LDGNC, CBCGNP & other projects. Coordinated w/ UW Sea Grant/WGNHS on outreach for Lake Michigan water levels and bluff erosion/climate change and Interviews, Virmond public access and a guide to native vegetation for coastal bluffs. Coordinated on WCMP Coastal Resilience Project (e.g. predicting bluff erosion and water study—Virmond Park, Master Plans—CBCGNP, Virmond, LDGNC) and presented at WCMP/NOAA Federal Review (7/10).

Strategic Planning and Economic Development Planning

- Coordinated w/ Chambers of Commerce, State & County Tourism on a State Tourism Joint Effort Marketing (JEM) grant for promoting the Ozaukee Interurban Trail. Continued to report on the Department goals, objectives, metrics (websites) for the County Strategic Plan. Reviewed Goal and Metric Report by Administration.

Non-metallic Mining Planning

- Coordinated w/ the Highway Dept on the implementation of the restoration plan (e.g. tree establishment, Hetzel Pit / Bee-Keeper Bog) to comply with the WDNR permit. Coordinated with the Highway Dept for restoration / reclamation activities at the Saukville properties (Guenther, Lakeland and Opitz Pits) and coordinated w/ multi-Department staff, HWY and the Town of Saukville for future land use at these properties ().

Regional Technical Review & Planning Assistance (SEWRPC, MMSD, WisDOT, etc.)

- Coordinated w/ SEWRPC Regional Land Use & Transportation & Natural Areas Advisory Cmte mtgs.
- Coordinated w/ SWWT & OCWC on 9-Key Element Plans-Ulao, Mole, Pigeon, Cedar & Fredonia.
- Coordinated w/ WisDOT & Consultants on STH 60 (), 167, 181 & I-43 reconstruction projects.

PARKS, RECREATION, NATURAL AREAS AND CULTURE DIVISION

Parks, Natural Areas, Recreation and Culture Implementation

- Implementation of 2024 park projects (e.g. boardwalks and bridges) & approved Capital Improvement Project (CIP) for the County parks (e.g., Maintenance Bldg., Cameras, Security Gates, Campground). Coordinated HWY on other Park (e.g., HH Park grading), Fish Passage (Tendick, Sucker & Mineral Springs Creeks) and Ozaukee Interurban Trail (e.g., tree/brush removal, signage) projects and CTH ROW Invasives. Coordinate Highway Re: 2024 Projects (Park, Ecological/FP) & CTH W E&D, reconstruction, restoration, land acquisition
- Coordinated w/ Eagle Scouts for current/future service projects at County Parks and Interurban Trail (e.g. Feing / Portable Bathroom Shelter—LMRFWP, Invasives—HH Park, Kayak/Canoe Launch & Bridge—River Oak)
- Coordinated/continued intensive invasive species removal (e.g. herbaceous & woody shrubs), ash tree removal and 2024 tree plantings at Lion's Den Gorge Nature Preserve, CBCGNP, Virmond, Mee-Kwon, Hawthorne & LMRFWP, Waubedonia, Covered Bridge, Ulao Creek NP and Tendick Nature Parks, Coastal & HH Park PRC Areas (USFS grants) & both Golf Courses under private foundation and USFS GLRI grants. Continued investment of invasive species, tree plantings, and ash trees in the County Parks.
- Coordinated w/ several recreational organizations regarding the Mee-Kwon County Park master plan. Work on signage/maps/trail marking for the pedestrian trail network. Working on NRF grant to improve trail system
- Coordinated with the Parks staff on the remodeling and repair of the Shady Lane, Mee-Kwon, Waubedonia & Virmond Park Houses (soffits, paint), out buildings (e.g. woodshop) and yard (e.g., invasives, trees) and the Park Multipurpose Maintenance Building (upper level—flooring, kitchen, cabinets, painting, etc.).
- Coordinated w/ Ozaukee Treasures Network (OTN) Steering Cmte., a collaboration of organizations working the implementation of the *Park and Open Space Plan for Ozaukee County*. Coordinated w/ Ozaukee County Watershed Coalition (OCWC) regarding Sucker Creek. Discussed development of Parks Friends Group. Tires of Oz Day/Celebration will be on Sat, Sept 21st and feature Covered Bridge and Virmond County Parks
- Managed prairie restoration areas at Tendick, LMRFWP, Covered Bridge, Virmond County Parks, Oakland Green Park/MSC (Received 2024 NACPRO Award), MK Park Wetlands and HH Park Multipurpose Bldg.
- Worked on the new CBCGNP, Ulao, Covered Bridge & River Oaks County Parks additions regarding survey restoration, tree removal (e.g. ash), invasive species removals, signage, trails, maintenance and tree planting
- Coordinated with Partners regarding the Clay Bluffs Cedar Gorge Nature Preserve. Continued discussions/coordination w/ partners (OWLT, WDNR, WCMP, USFS & USFWS) Re: Habitat Restoration and public access
- Coordinated w/ WCMP Coastal Hazards Work Group, contractor, City and WCMP staff on the public access stairway to Lake Michigan at Virmond Park. Received 2023 NACPRO Park & Rec Facility—Class I Award.
- Coordinated w/ Parks Division staff on multiple items (e.g. reservations, signage, benches, gates, ash trees, Park Maint. Bldg., camping, etc.), scheduling w/ Corps (AmeriCorps & WisCorps) and tree planting.
- Coordinated w/ Architect (Kueny) & Contractors for Hawthorne Hills Multipurpose Maintenance Bldg. ().
- Coordinated w/ Highway and Grafton & Mequon FDs regarding access/parking at LDGNC and Virmond Park
- Coordination w/ UW Madison Landscape Architecture Student on Final Report/Design for HH Park Campground
- Managed New Prairie Seeding (~10 acres) at HH Park and HHGC.

Coordination with Cultural, Tourism & Recreation Groups

- Coordinated/Mtg w/ Ozaukee County Tourism Council (OCTC) Board and Exec Mtgs. Continued work on Tourism & Trail websites, Guide, maps & events. Continued to assist w/ OCTC Treasurer duties Re: 2024 budget Coordination w/OCHS Re: Caretaker, agreement, tree removal, well monitoring, zoning, WiFi, and 2024 events

TRAILS DIVISION

Trails Development & Facilitation—Ozaukee Interurban Trail/Snowmobile Trails

- Coordination w/ the Ozaukee Interurban Trail (OIT) Advisory Council including: safety, user counts, Trail we Trail maintenance/drainage/culverts, bike racks, benches, trees, maintenance items for the Trail (e.g. tree removals), RTC grant-Port Washington Trail Improvement Project—design & engineering, Coordinate w/ Route of Badger (ROTB) on Regional Quarterly Mtg., coordination w/ communities (Grafton, Mequon, Cedarburg, Port Washington) & professionals on OIT improvements. Development of Trail gateway signage. Coordinated w/ WisDOT on trail extension in the Grafton/Cedarburg along STH 60. Coordinate on WisDOT TAP grants.
- Coordinated w/ We Energies on development of trailside facilities in several locations along the Trail (e.g. rest stations, signage, bike racks, benches, trees), trail connections (encroachments) and electrical improvements
- Continued to conduct Trail user counts and analyze correlations with other survey data. Maintained the count
- Coordinated w/ the Ozaukee Snowmobile Clubs on the existing and new (2024-25) Trail Maintenance and Trail Bridge Grants under the WDNR Trail Recreational Aids Grants. Coordinated and managed the SNARS data and GIS mapping for snowmobile trail maintenance with the Clubs and sent out payments to Clubs.
- Coordination w/ V Grafton, C Mequon, C Port, C Cedarburg, and V Thiensville staff regarding trailside facility safety and trail connections for the OIT. Coordinated w/ Milwaukee County Re: OIT connections & mgmt.
- Coordinated w/ Washington Co. & ROTB regarding planning for trail connections of the OIT to Eisenbahn Trail and criteria for trail network. Coord. w/ T Grafton, C Cedarburg, V Grafton & T Cedarburg
- Follow-up Trail paving of county-managed portion of OIT. Begin work w/ engineering (Repaving Projects). Coord. w/WisDOT on OIT Projects including ROW, Environmental, TAP Grants, etc.

11.c.1.a



Attachment: P&PDEPT_MGMTREPORT_NRC080824_JULY2024_FINAL_ATS073124



Ozaukee County Committee Report
General Fund Park Commission
For the Six Months Ending Sunday, June 30, 2024
Profit and Loss Statement ACTUAL TO AMENDED BUDGET

11.c.1.b

	Current Month Actual	2024 YTD Actual	2024 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	-	\$34,140	\$34,140	0.00%
Public Charges for Services	\$14,251	\$36,703	\$75,125	\$38,422	48.86%
Interest Revenue	\$30	\$123	-	(\$123)	0.00%
Other Revenue	-	\$1,323	\$125,900	\$124,577	1.05%
Total Revenues	\$14,281	\$38,149	\$235,165	\$197,016	16.22%
Expenditures					
Salaries	\$44,994	\$278,734	\$648,043	\$369,309	43.01%
Fringe Benefits	\$13,841	\$90,199	\$205,808	\$115,609	43.83%
Travel/Training	\$1,482	\$2,774	\$7,750	\$4,976	35.79%
Supplies	\$5,705	\$47,328	\$140,900	\$93,572	33.59%
Purchased Services	\$8,463	\$58,646	\$263,400	\$204,754	22.26%
Interdepartment Charges	\$3,583	\$86,023	\$176,944	\$90,921	48.62%
Other Expenses	\$838	\$16,944	\$18,942	\$1,998	89.45%
Total Operating Expenditures	\$78,906	\$580,648	\$1,461,787	\$881,139	39.72%
Capital Outlay					
Total Expenditures	\$78,906	\$580,648	\$1,461,787	\$881,139	39.72%
Other Finance (Sources)	-	-	(\$85,000)	(\$85,000)	0.00%
Net Other Financing Sources/Uses	-	-	(\$85,000)	(\$85,000)	0.00%
Net Increase (Decrease)	(\$64,625)	(\$542,499)	(\$1,141,622)	(\$599,123)	47.52%

Equity:

Attachment: 1) CommRpt2024 June 2024 (P&PDept_Management&FinancialReports)

Ozaukee County Committee Report
Special Revenue Fund Parks Projects
For the Six Months Ending Sunday, June 30, 2024
Profit and Loss Statement ACTUAL TO AMENDED BUDGET

11.c.1.b

	Current Month Actual	2024 YTD Actual	2024 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	\$1,783	\$299,275	\$297,492	0.60%
Other Revenue	\$575	\$4,922	\$24,500	\$19,578	20.09%
Total Revenues	\$575	\$6,705	\$323,775	\$317,070	2.07%
Expenditures					
Salaries	\$4,742	\$29,059	\$102,348	\$73,289	28.39%
Fringe Benefits	\$1,213	\$8,113	\$26,394	\$18,281	30.74%
Travel/Training	\$273	\$666	-	(\$666)	0.00%
Supplies	\$3,989	\$29,760	\$8,500	(\$21,260)	350.12%
Purchased Services	-	\$35,554	\$11,000	(\$24,554)	323.22%
Interdepartment Charges	-	\$31,969	\$5,000	(\$26,969)	639.38%
Total Operating Expenditures	\$10,217	\$135,121	\$153,242	\$18,121	88.17%
Capital Outlay					
Buildings & Land	\$10,753	\$25,138	\$200,000	\$174,862	12.57%
Total Capital Outlay	\$10,753	\$25,138	\$200,000	\$174,862	12.57%
Total Expenditures	\$20,970	\$160,259	\$353,242	\$192,983	45.37%
Net Increase (Decrease)	(\$20,395)	(\$153,554)	(\$29,467)	\$124,087	521.10%
Equity:					
Governmental Fund Balance	-	(\$236,353)	-	\$236,353	0.00%

Attachment: 1) CommRpt2024 June 2024 (P&PDept_Management&FinancialReports)

Ozaukee County Committee Report
Special Revenue Fund Ozaukee Water Projects
For the Six Months Ending Sunday, June 30, 2024
Profit and Loss Statement ACTUAL TO AMENDED BUDGET

11.c.1.b

	Current Month Actual	2024 YTD Actual	2024 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	-	\$96,446	\$96,446	0.00%
Other Revenue	-	\$34,000	\$326,455	\$292,455	10.41%
Total Revenues	-	\$34,000	\$422,901	\$388,901	8.04%
Expenditures					
Salaries	\$12,368	\$76,698	\$225,219	\$148,521	34.05%
Fringe Benefits	\$5,232	\$33,650	\$81,769	\$48,119	41.15%
Travel/Training	\$1,207	\$4,998	\$746	(\$4,252)	669.97%
Supplies	\$920	\$2,034	\$500	(\$1,534)	406.80%
Purchased Services	\$3,958	\$6,443	\$10,000	\$3,557	64.43%
Interdepartment Charges	-	\$1,025	\$65,000	\$63,975	1.58%
Total Operating Expenditures	\$23,685	\$124,848	\$383,234	\$258,386	32.58%
Capital Outlay					
Total Expenditures	\$23,685	\$124,848	\$383,234	\$258,386	32.58%
Net Increase (Decrease)	(\$23,685)	(\$90,848)	\$39,667	\$130,515	-229.03%
Equity:					
Governmental Fund Balance	-	(\$140,050)	-	\$140,050	0.00%

Attachment: 1) CommRpt2024 June 2024 (P&PDept_Management&FinancialReports)

Ozaukee County Committee Report
Enterprise Fund Golf Courses

11.c.1.b

For the Six Months Ending Sunday, June 30, 2024
Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2024 YTD Actual	2024 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Public Charges for Services	\$482,827	\$1,072,102	\$2,179,800	\$1,107,698	49.18%
Other Revenue	\$7,881	\$33,782	\$12,800	(\$20,982)	263.92%
Total Revenues	\$490,708	\$1,105,884	\$2,192,600	\$1,086,716	50.44%
Expenditures					
Salaries	\$110,534	\$373,329	\$825,658	\$452,329	45.22%
Fringe Benefits	\$24,034	\$134,970	\$263,555	\$128,585	51.21%
Travel/Training	\$563	\$5,039	\$12,650	\$7,611	39.83%
Supplies	\$28,837	\$173,208	\$348,050	\$174,842	49.77%
Purchased Services	\$17,671	\$83,738	\$188,350	\$104,612	44.46%
Interdepartment Charges	\$3,753	\$22,756	\$59,198	\$36,442	38.44%
Depreciation	\$24,949	\$149,694	\$305,350	\$155,656	49.02%
Other Expenses	(\$45)	(\$595)	\$103,789	\$104,384	-0.57%
Total Operating Expenditures	\$210,296	\$942,139	\$2,106,600	\$1,164,461	44.72%
Capital Outlay					
Equipment & Furniture	-	\$115,250	\$370,000	\$254,750	31.15%
Buildings & Land	\$7,500	\$50,325	\$1,140,000	\$1,089,675	4.41%
Contra	-	-	(\$1,510,000)	(\$1,510,000)	0.00%
Total Capital Outlay	\$7,500	\$165,575	-	(\$165,575)	0.00%
Total Expenditures	\$217,796	\$1,107,714	\$2,106,600	\$998,886	52.58%
Other Finance Uses	-	-	\$86,000	\$86,000	0.00%
Net Other Financing Sources/Uses	-	-	\$86,000	\$86,000	0.00%
Net Increase (Decrease)	\$272,912	(\$1,830)	-	\$1,830	0.00%
Equity:					
Retained Earnings	\$148,977	(\$1,642,631)	-	\$1,642,631	0.00%
Governmental Fund Balance	(\$148,977)	-	-	-	0.00%

Attachment: 1) CommRpt2024 June 2024 (P&PDept_Management&FinancialReports)



OZAUKEE COUNTY PLANNING & PARKS Parks Division

Summary of Parks Revenue

June 2024

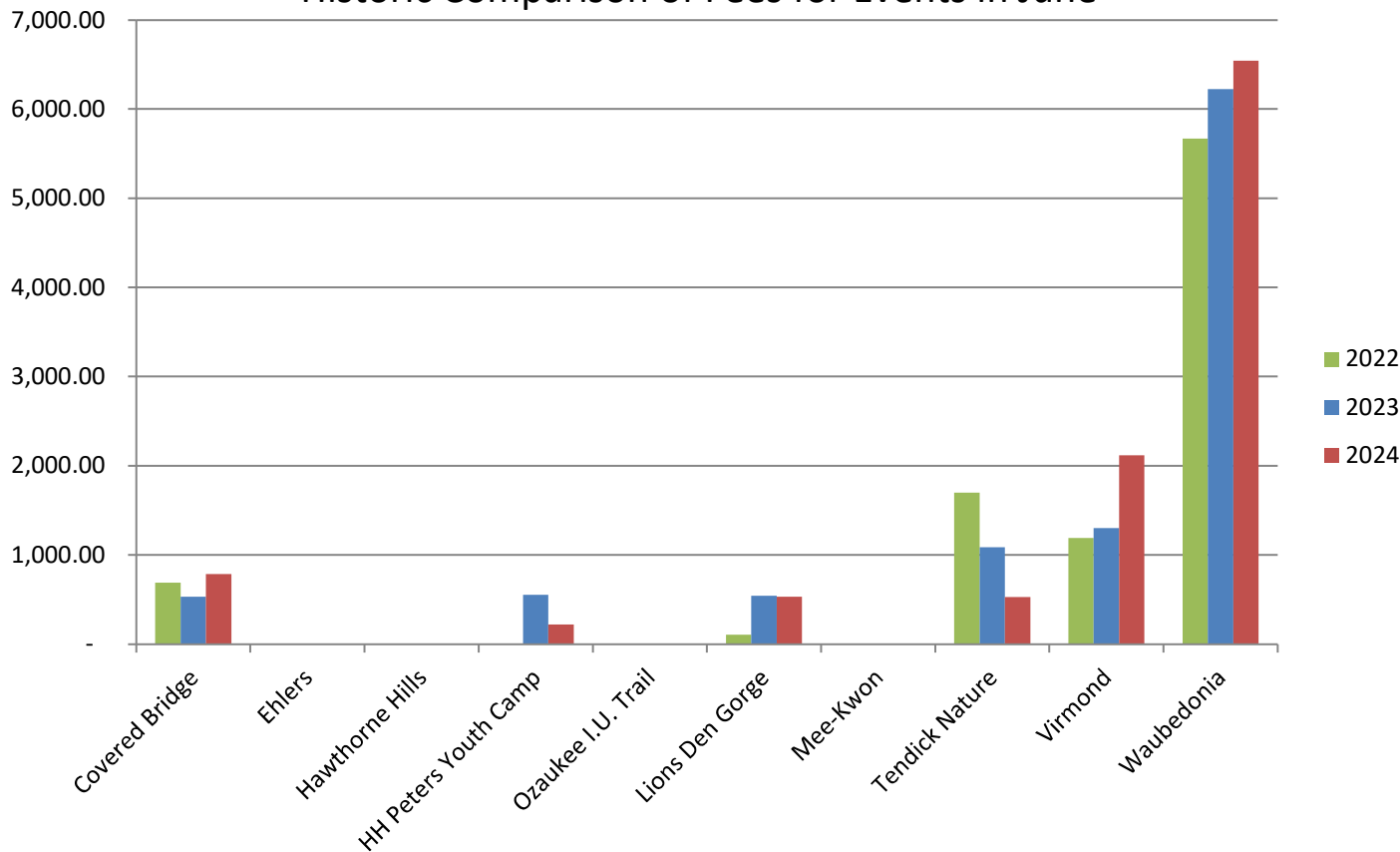
Location	Fees for Events in		Revenue Collected	
	June Cur Mo	2024 YTD	During June Cur Mo	2024 YTD
Covered Bridge	785.02	915.03	34.30	1,309.30
Ehlers	-	35.55	-	37.50
Hawthorne Hills	-	-	-	-
HH Peters Youth Camp	220.00	2,023.54	(568.05)	3,640.90
Ozaukee I.U. Trail	-	-	-	110.00
Lions Den Gorge	529.28	639.29	461.74	2,013.48
Mee-Kwon	-	-	-	-
Tendick Nature	527.27	3,270.27	725.10	6,375.30
Virmond	2,116.09	2,821.11	1,469.74	4,745.29
Waubedonia	6,542.82	11,239.94	5,251.04	17,237.76
Totals:	10,720.48	20,944.72	7,373.87	35,469.53

Historic Comparison

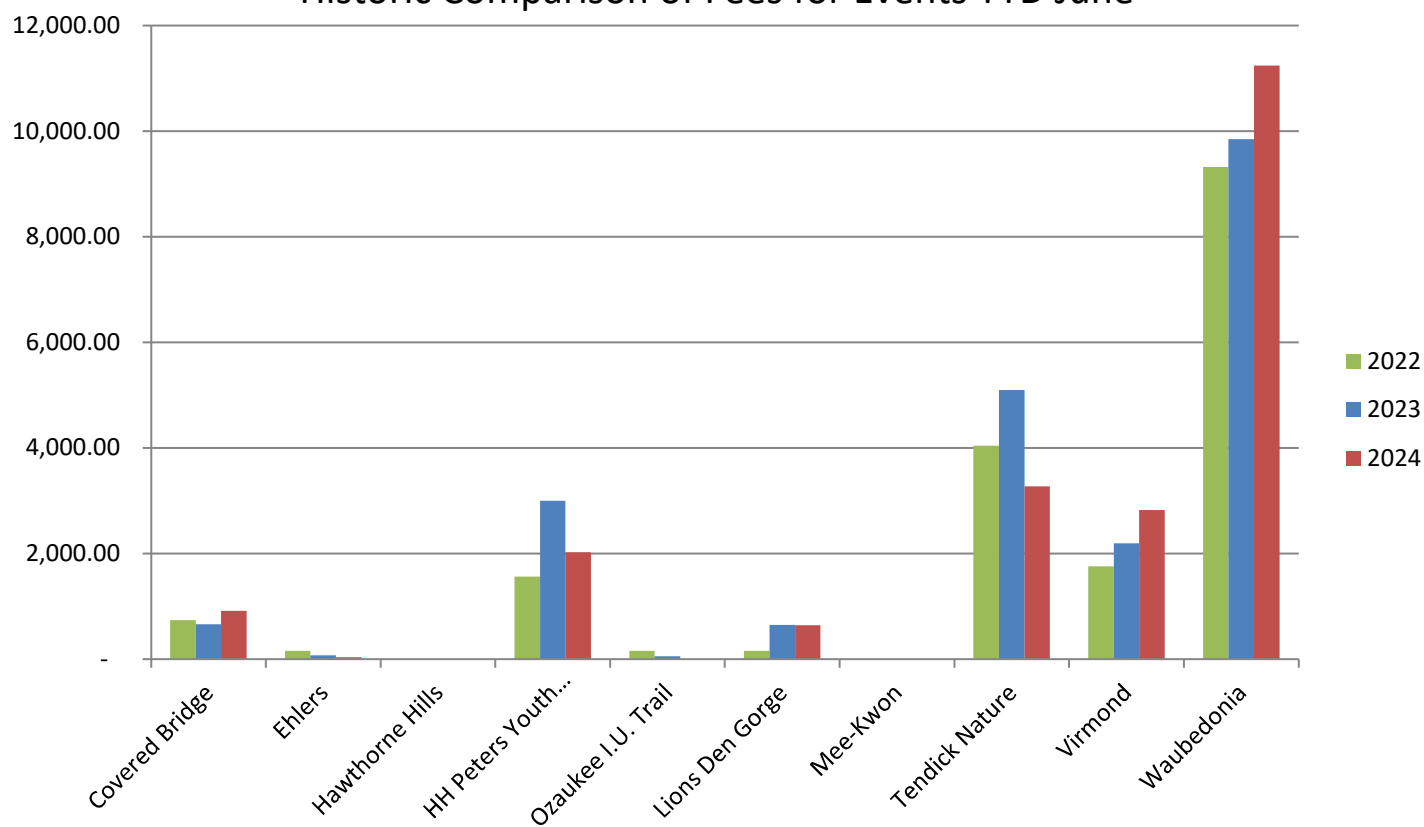
Location	Fees for Events in June			Fees for Events in June YTD		
	2022	2023	2024	2022	2023	2024
Covered Bridge	687.20	530.02	785.02	739.33	660.02	915.03
Ehlers	-	-	-	156.40	71.09	35.55
Hawthorne Hills	-	-	-	-	-	-
HH Peters Youth Camp	-	550.01	220.00	1,563.98	2,995.63	2,023.54
Ozaukee I.U. Trail	-	-	-	156.40	55.00	-
Lions Den Gorge	104.27	540.02	529.28	156.40	647.15	639.29
Mee-Kwon	-	-	-	-	-	-
Tendick Nature	1,698.09	1,084.99	527.27	4,041.21	5,093.08	3,270.27
Virmond	1,188.48	1,300.06	2,116.09	1,757.20	2,190.10	2,821.11
Waubedonia	5,669.78	6,224.46	6,542.82	9,320.96	9,848.42	11,239.94
Total:	9,347.82	10,229.56	10,720.48	17,891.88	21,560.50	20,944.72

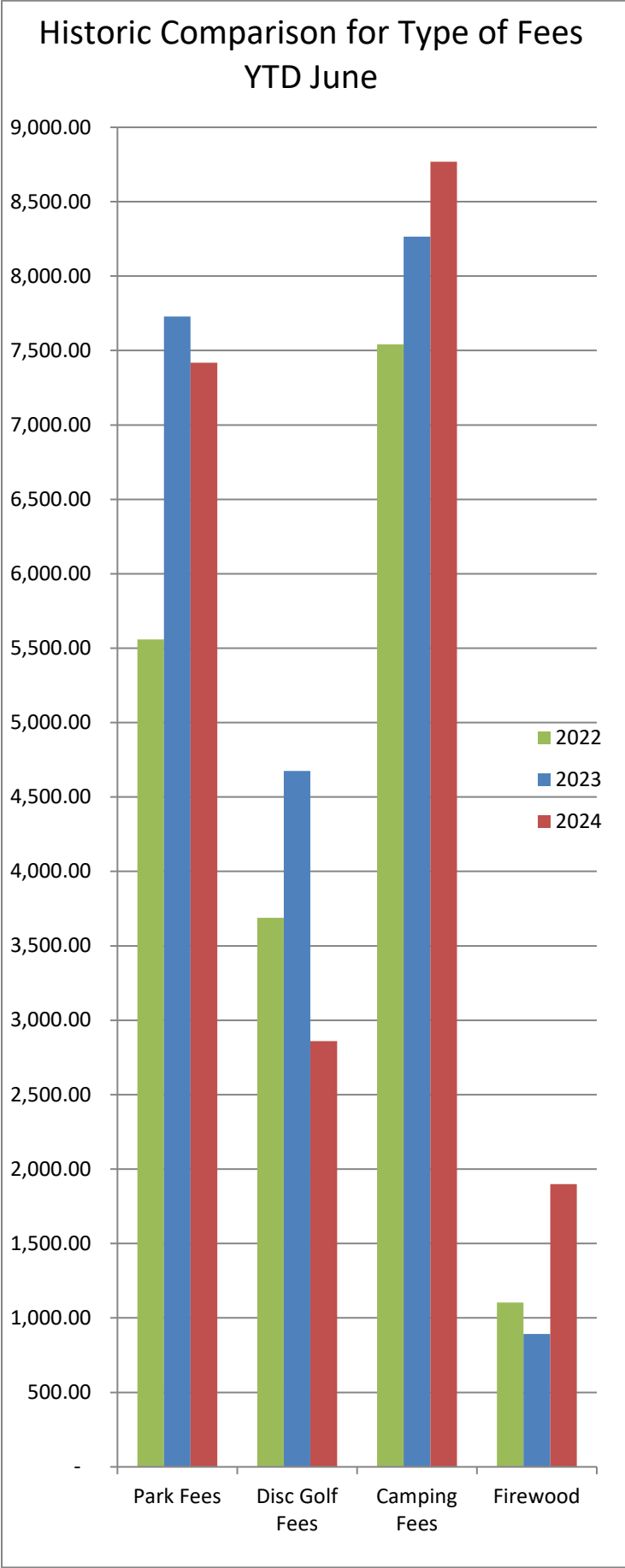
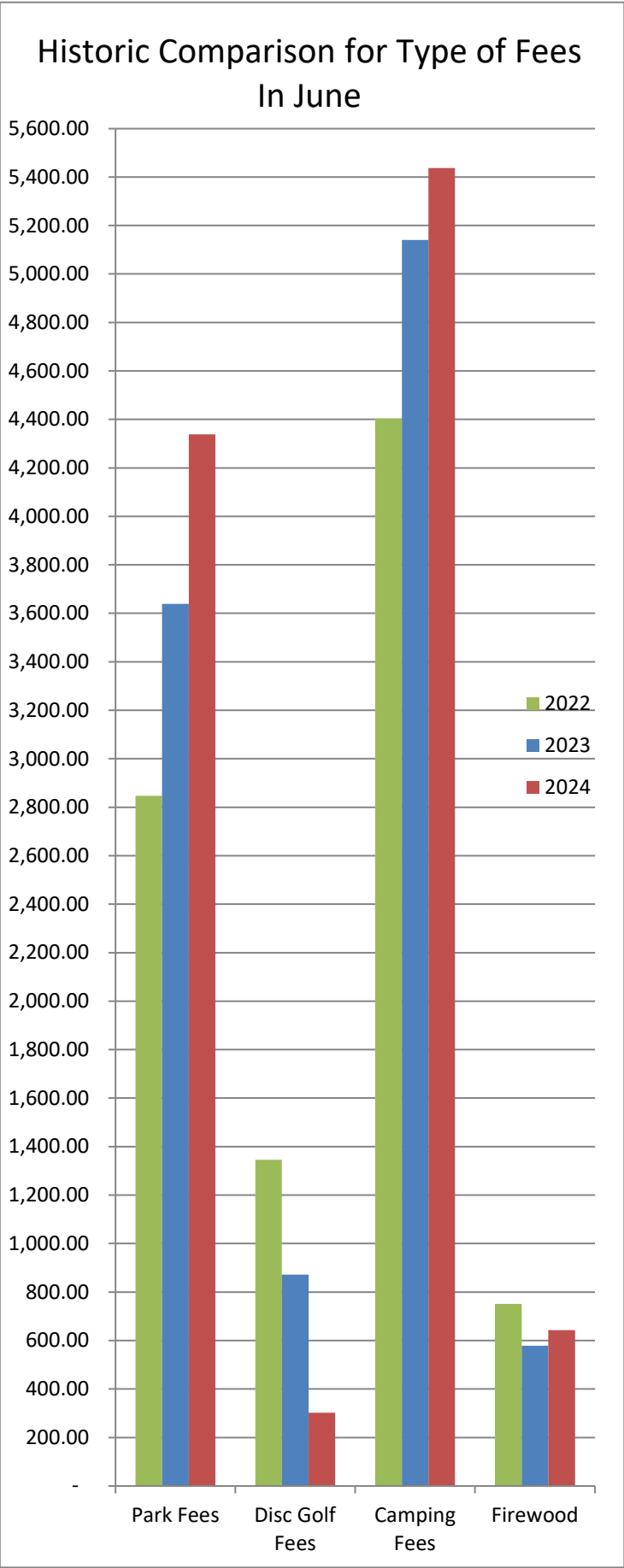
Fee Type	2022	2023	2024	2022	2023	2024
Park Fees	2,847.12	3,638.83	4,338.28	5,558.01	7,727.78	7,417.95
Disc Golf Fees	1,345.64	872.11	302.26	3,688.76	4,675.20	2,860.25
Camping Fees	4,403.40	5,140.42	5,437.29	7,540.85	8,265.35	8,768.22
Firewood	751.66	578.20	642.65	1,104.26	892.18	1,898.30
Total:	9,347.82	10,229.57	10,720.48	17,891.88	21,560.51	20,944.72

Historic Comparison of Fees for Events in June



Historic Comparison of Fees for Events YTD June







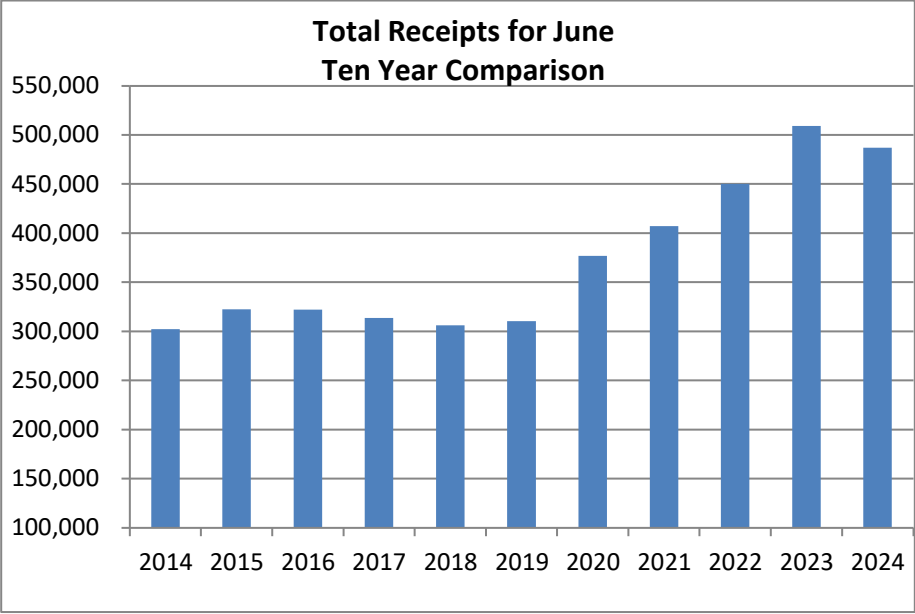
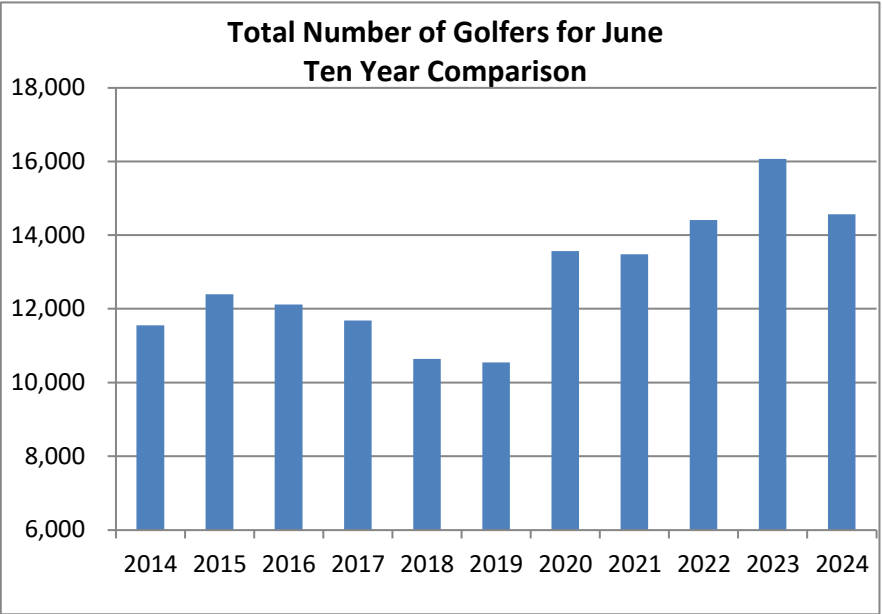
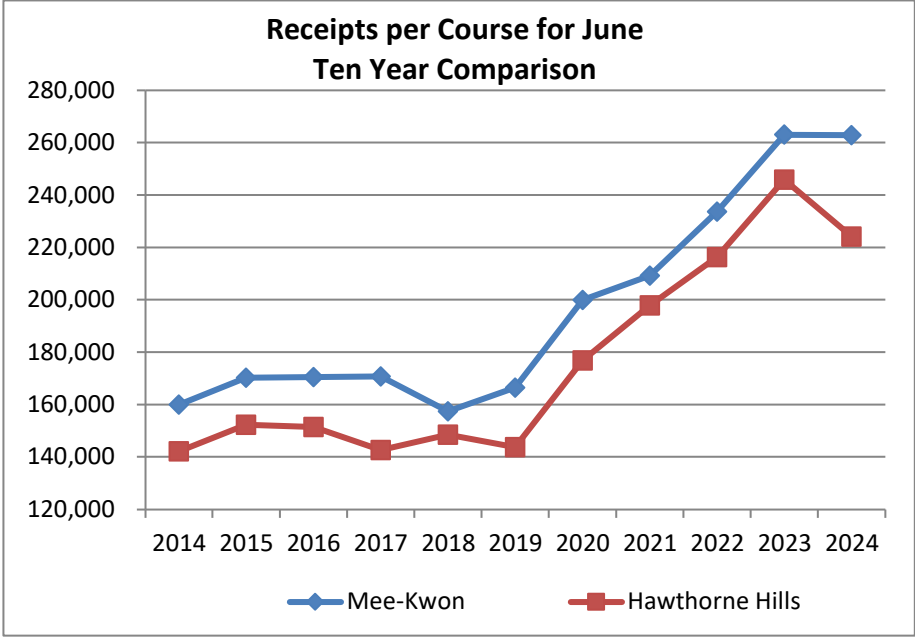
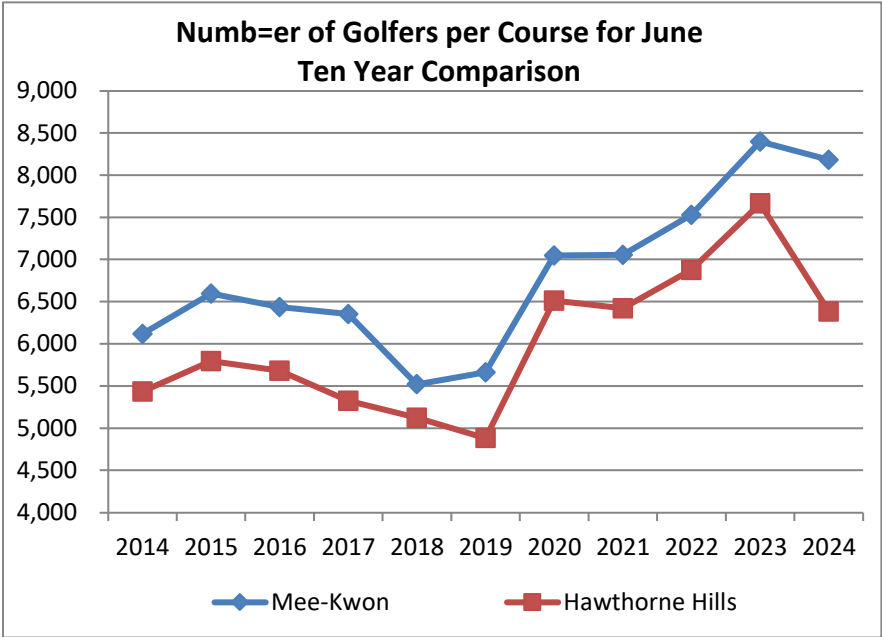
**OZAUKEE COUNTY PLANNING & PARKS
SUMMARY OF GOLF COURSE RECEIPTS
GOLF COURSE DIVISION
JUNE 2024**

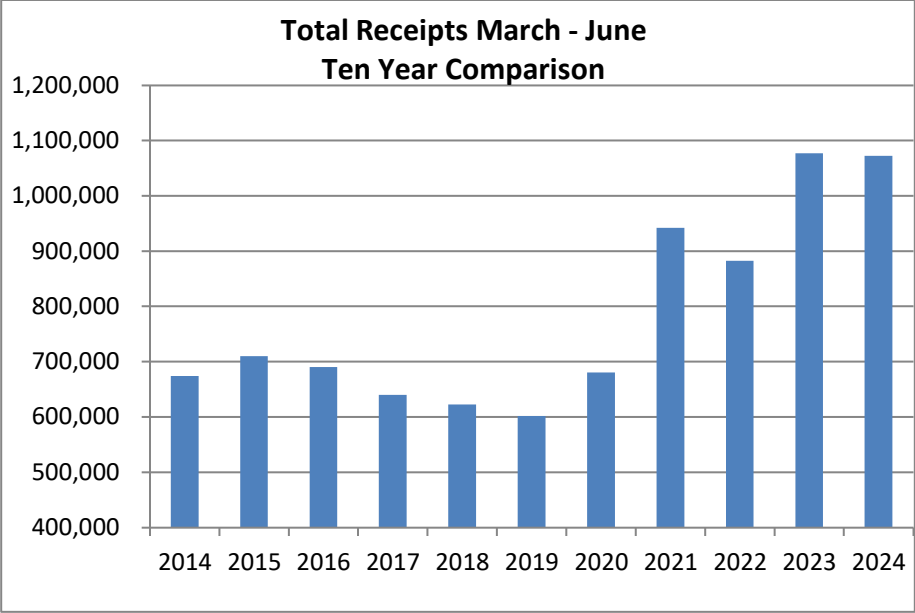
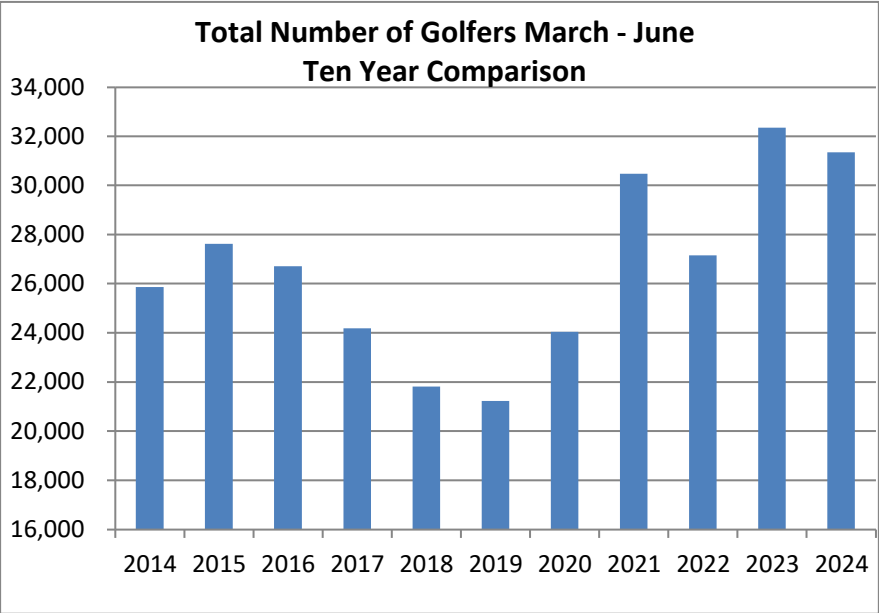
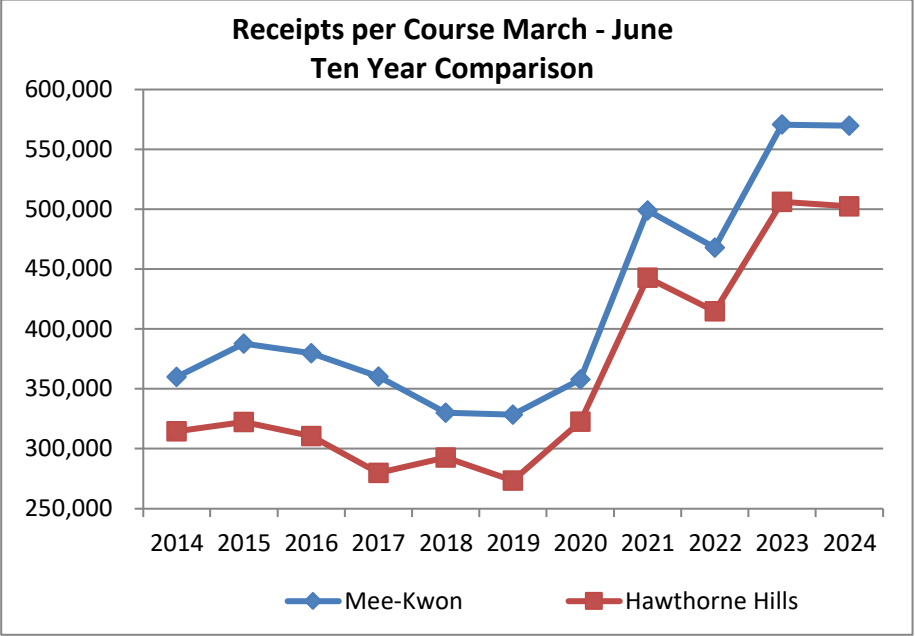
	This year	Last year
Hawthorne Hills opened	3/11/2024	4/7/2023
Mee-Kwon opened	3/3/2024	4/3/2023

	Current Month				Year to Date			
	JUNE 2024		JUNE 2023		JUNE 2024		JUNE 2023	
	Golfers	Receipts	Golfers	Receipts	Golfers	Receipts	Golfers	Receipts
Hawthorne Hills	6,382	\$ 224,123	7,665	\$ 245,879	14,131	\$ 502,446	15,175	\$ 506,124
Mee-Kwon	8,183	\$ 262,842	8,399	\$ 263,075	17,209	\$ 569,759	17,168	\$ 570,772
	14,565	\$ 486,965	16,064	\$ 508,954	31,340	\$ 1,072,205	32,343	\$ 1,076,896

	Current Month			Year to Date	
Hawthorne Hills	(1,283)	Increase (Decrease) in Golfers	(1,044)	Increase (Decrease) in Golfers - Year to Date	
	\$ (21,756)	Increase (Decrease) in Receipts	\$ (3,679)	Increase (Decrease) in Receipts - Year to Date	
Mee-Kwon	(216)	Increase (Decrease) in Golfers	41	Increase (Decrease) in Golfers - Year to Date	
	\$ (233)	Increase (Decrease) in Receipts	\$ (1,013)	Increase (Decrease) in Receipts - Year to Date	
Total	(1,499)	Increase (Decrease) in Golfers	(1,003)	Increase (Decrease) in Golfers - Year to Date	
	\$ (21,989)	Increase (Decrease) in Receipts	\$ (4,691)	Increase (Decrease) in Receipts - Year to Date	







OZAUKEE COUNTY



NEWS GRAPHIC

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\$2

Tuesday, July 11, 2024

gmtoday.com

Planning and Parks Department to repave, reshoulder county-maintained portion of Interurban Trail

OZAUKEE COUNTY — The Ozaukee County Planning and Parks Department is completing engineering and design for repaving and re-shouldering approximately 12.5 miles of the county-maintained portion of the Ozaukee Interurban Trail. The repaving construction is planned for fall 2024 and spring 2025.

The OIT is a 30-mile multi-use bicycle and pedestrian trail that crosses the entire county, south to north, following the route of the former Interurban Electric Railway. The OIT connects regionally to Milwaukee County's Oak Leaf Trail, the Sheboygan Interurban Trail and Sheboygan County's Plank Road Trail, and lies east of the Eisenbahn State Trail in Washington County.

The project will be supported by \$1 million grant funding from the Wisconsin Department of Transportation's Transportation Alternatives Program as well as county capital project funding.

The area slated for repaving includes the town of Grafton and an area in the town of Port Washington north to the Sheboygan county line.

The Ozaukee Interurban Trail pavement is 22-plus years old and beginning to break down, according to a press release from the department. Several portions of the trail have cracked and potholed pavement, causing trail user complaints and safety issues.

"Repaving the 12.5-mile county-maintained portion of the trail is required to

maintain the quality of the pavement and make it safe for all trail users," according to the press release. "Shouldering is also required throughout the trail to assist with drainage and pavement protection."

The current trail is a 10-foot paved width with 1-foot gravel shoulders on either side. A consultant has been selected for project design and engineering and the design process is currently underway.

Both interest in the trail (per a 2019 State Joint Effort Marketing grant) and ridership numbers have increased steadily in recent years, according to the press release.

In 2019, a daily average of 1,204 people utilized the trail, a total of 345,116 counted trips. In 2020, trail usage rose by 45% compared to 2019 with a daily average of 1,408 people using the OIT, and a record annual count of 514,162 users.

"Efforts to maintain the condition and safety of the trail will continue to draw recreational users and commuters and is consistent with existing and future trail extension projects and amenities, including several trailside parks," according to the press release. "Additionally, maintaining the existing trail is supported by various local and regional plans."

The anticipated future service life after re-paving is approximately 15 to 20 years, the press release states. Re-paving the trail will also protect the investments of 13 recent culvert replacement projects.



Three sections

Thursday, July 11, 2024

\$2

www.ozaukeeexpress.com

OZAUKEE PRESS THURSDAY, JULY 11, 2024 3B

County clears way for nature school in park

By DAN BENSON
Ozaukee Press staff

Plans for Sugar Maple Nature School to open this fall at Ozaukee County's Hawthorne Hills County Park are in full swing with approval last week of its building and site plan.

In addition, only one seat is available for a second grader while the other grade levels are filled and have waiting lists.

The building plan calls for a 70-by-120-foot one-story building containing eight classrooms, one of which will be used for offices for an administrator, nurse, counselor and speech pathologist, Director of Education Cindy Raimer said.

It will be located on a five-acre "exclusive parcel" near the park's maintenance building and a campground being developed immediately to the west.

Approval of the plan by the county

■ Committee OKs building plans for NOSD charter school set to open at Hawthorne Hills in September

Natural Resources Committee allows the school to begin construction.

The school is moving from its former home at Riveredge Nature Center to Ozaukee County's Hawthorne Hills Park. The first modular pieces of its new schoolhouse recently arrived from Mobile Modular, the Illinois company constructing the building.

Raimer said school officials are just waiting for the ground to dry out to begin pouring the foundation. She said she expects everything to be ready when the school opens on Sept. 3.

The classroom building will replace the iconic yurts the school utilized at Riveredge, but outdoor learning will still be the school's

hallmark, Raimer said.

"We will create tree stump and bench circles where learning will take place, as well as in the woods," she said.

The school also will have access beyond its five acres to use the 57-acre Hawthorne Hills Park and 67-acre Shady Lane Natural Area as an outdoor classroom and learning lab, including the park's nearby pond and the Milwaukee River.

The school is a charter school of the Northern Ozaukee School District, making it a tuition-free public school.

Enrollment is currently capped at 104 and has 103 students enrolled for the coming year from kindergarten through sixth grade.

The one opening is in second grade, Raimer said.

There is a waiting list for every other grade — the school has combined third-fourth and fifth-sixth grades. The kindergarten waiting list is 23 students long, Raimer said.

Students attending are from 16 area school districts, some from as far away as Whitefish Bay, Slinger, Glendale and Cedar Grove-Belgium, Raimer said.

The school announced last month it is receiving a \$1 million grant from the Wisconsin Department of Public Instruction to add middle school classes.

The Wisconsin Charter School Program grant will allow the school to add grades six to eight in the coming years, Raimer said.

The committee's approval came with a proviso that the school return to the See **School** on page 4B

School: Lease for land runs through 2029

FROM PAGE 3B

committee if County Planning and Parks Director Andrew Struck feels the building should be painted a different color so that it blends in with existing nearby county buildings.

The school and the county recently amended the school's lease arrangement to allow it to hold classes at the park through 2029, two years longer than the school's previous agreement with the county. The original agreement was for three years, through June 30, 2027.

In addition, the investment by the school has grown significantly as officials recently learned it needs to dig a well separate from the park's and requires an upgraded electrical system.

Both school and county officials have described the agreement as temporary and said the school is still looking for a permanent "forever home," that may or may not be on

county-owned land.

The extension was necessary because a commercial construction loan the school took out to support the school's development requires the loan to be five years to match the school's charter with the Northern Ozaukee School District.

The school will pay for the electrical upgrade itself, but the county will have to pay for the new well and be reimbursed by the school.

The construction of the new well will be \$71,592, plus a 15% contingency of \$10,739 for a total of \$82,331.

The county must take the lead on construction of the new well to meet requirements for public bidding and permitting.

The school is paying rent to the county for use of the 5.5-acre site. Under the updated agreement, total rent through 2029 will be \$375,666.

While not saying it's more likely that the

school will become a permanent fixture at Hawthorne Hills, Struck said the increased investment certainly makes it more difficult for the school to abandon the site after only a few years.

Extending the agreement by two years adds one complication to the county's plans to build campgrounds at the park.

Construction has begun on the first phase of the campground — 13 campsites and five sites for recreational vehicles.

The school is located on where the second phase of the campground is planned. That phase will include 27 RV campsites. Construction on that phase was expected to begin after the school vacated the spot in three years.

County Administrator Jason Dzwiniel said he was confident that a way would be found to accommodate both plans.

"The school and the campground can co-exist," he said.



STANDING ON A BRIDGE over Mineral Springs Creek in Port Washington, Ozaukee County Planning and Parks Director Andrew Struck held a national award his department received for the restoration of the waterway, which he said is one of the most important fish spawning creeks in the county.

Photo by Sam Arendt

Little creek nets county big award

■ *Planning and Parks Department's restoration of Mineral Springs Creek in Port Washington receives national recognition for second time*

By **DAN BENSON**
Ozaukee Press staff

The Ozaukee County Planning and Parks Department's trophy case continues to fill up as it was recognized by another national organization last month.

The National Association of County Park and Recreation Offices, or NACPRO, on June 2 presented its Conservation Award to the county for its work to restore Mineral Springs Creek in Port Washington.

It's the second year in a row that a national organization has lauded the work done on Mineral Springs Creek.

Last year, the National Association of Counties recognized the county in its Risk and Emergency Management category. The same organization also gave the county its Park and Recreation Facility award for the 100-foot stairway to the beach at Virmond Park in Mequon and its "one of a kind" design. NACPRO also recognized that project last year.

Last month, the Mineral Springs Creek restoration project was the only one to be recognized in the conservation category, County Planning and Parks Director Andrew Struck said.

In August 2018, an intense rainstorm dropped more than nine inches of rain in less than 24 hours, exceeding a 500-year storm event, scouring the stream bed and causing it to drop about four feet downstream of Ravine Street. That exposed an 18-inch sanitary sewer line.

In response, the City of Port Washington encased the pipe in concrete after checking with the state Department of Natural Resources, which told city officials to do what was needed and apply for the needed permits later.

But the DNR later determined the repair effectively created a dam that impedes fish passage, and the city must remove the obstruction.

Working with the county, which secured \$730,000 in grants to restore fish

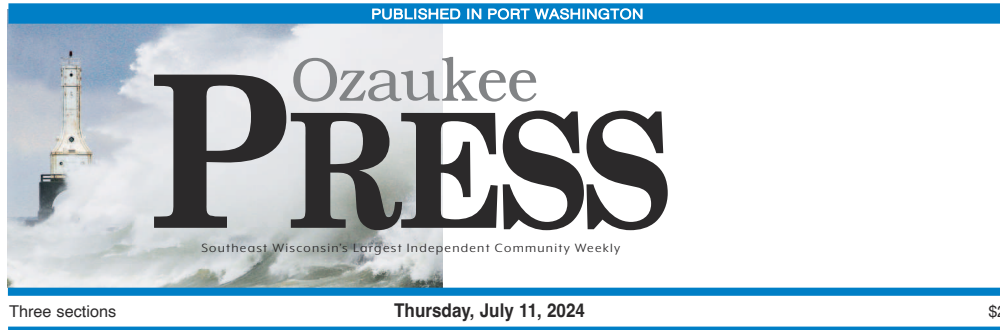
passages in the creek, habitat along the waterway was restored.

The city contributed \$65,000 over three years toward the work, and has agreed to consult the county before any future work on the creek is done so officials can assess the impact on fish. It also gave control of Oakland Avenue Green Park, either in the form of a conservation easement or by deeding the property to the county.

The creek, which runs from the Port Washington industrial park northeast until it joins Sauk Creek at Coal Dock Park, is considered one of the most important in Ozaukee County for spawning fish.

"It's one of our most productive streams and is home to a diverse fish population, including salmon, white suckers and a lot of forage fish," Struck said.

One reason for that is the creek is largely fed by ground water, making the water colder than other streams, he said.



OZAUKEE PRESS THURSDAY, JULY 11, 2024 2B

Repaving of Interurban Trail planned for fall

By DAN BENSON
Ozaukee Press staff

The Ozaukee County Planning and Parks Department is completing engineering and design work to repave and re-shoulder approximately 12.5 miles of the county-maintained portion of the Ozaukee Interurban Trail.

The trail is a 30-mile multi-use bicycle and pedestrian trail that crosses the entire county from north to south, following the route of the former Interurban Electric Railway.

The project will be supported by grant funding from the Wisconsin Department of Transportation's Transportation Alternatives Program, as well as the county's capital project fund.

The repaving is planned for fall and into

■ *Work will be done on 12.5 miles of bike, pedestrian path that draws more than 500,000 users annually*

next spring.

The Ozaukee Interurban Trail pavement is more than 22 years old and is beginning to break down.

Several portions of the trail have cracked and potholed pavement, causing user complaints and safety issues.

The Ozaukee County Highway Department conducted a 2019 evaluation of the county-maintained portion of the trail and found the majority of the trail was in fair condition.

"Repaving the 12.5-mile county-maintained portion of the trail is required to maintain the quality of the pavement and

make it safe for all trail users," county Planning and Parks Director Andrew Struck said in a press release.

Shoulder work is also required throughout the trail to assist with drainage and pavement protection, he said.

The current trail is 10 feet wide with one-foot gravel shoulders on either side.

A consultant has been selected for project design and engineering and the design process is currently underway.

The trail connects to Milwaukee County's Oak Leaf Trail, the Sheboygan Interurban Trail and Sheboygan County's Plank Road

Trail, and lies east of the Eisenbahn Trail in Washington County.

The Ozaukee Interurban Trail connects the communities of Mequon, Thiensville, Cedarburg, Grafton, Port Washington and Belgium.

Interest in the trail and ridership numbers have increased steadily in recent years, drawing more than half a million users per year, according to county marketing figures.

The anticipated future life of the trail after repaving is 15 to 20 years, Struck said.

"Repaving the trail will also protect investments of 13 recent culvert replacement projects," he said.

For more information on the Ozaukee Interurban Trail visit <https://www.interurbantrail.com/>.



Southeast Wisconsin's Largest Independent Community Weekly

Three sections

Thursday, July 18, 2024

\$2

Parks to get \$250,000 of more security

■ *Trees stolen from Hawthorne Hills and Tendick parks drives plan for gates and cameras*

By DAN BENSON

Ozaukee Press staff

Ozaukee County officials have approved a plan to add security cameras and gates at Hawthorne Hills and Tendick county parks in hopes of fending off vandals and thieves.

The gates and cameras at Hawthorne Hills are necessary to provide security for users of the new campground and for Sugar Maple Nature School, which is to open in September.

The Natural Resources Committee last month approved adding cameras to Tendick Park, in the Town of Saukville, which is already gated.

Gates or cameras have already been installed at Lion's Den Gorge Nature Preserve in the Town of Grafton, Virmond Park in Mequon, Covered Bridge Park in the Town of Cedarburg and Waubedonia Park in the Town of Fredonia.

The move to upgrade security at the parks was sparked last year after someone dug up and stole about 15 newly planted trees at Tendick and Hawthorne Hills.

The proposal to install gates in those parks would not have prevented those thefts, being that they occurred in the daytime when the parks were open.

But cameras might have helped identify the perpetrator or maybe have deterred the theft in the first place, officials said.

A few months earlier, the security camera at Lion's Den Gorge recorded a man attempting to burglarize two cars. The camera captured a partial license plate number but no arrests were ever made.

County Planning and Parks Director Andrew Struck told committee members that camera footage from the parks has been used several times since by law enforcement to arrest vandals or thieves.

The gates operate on a timer and open and close according to park hours, 6 a.m. to 9 p.m.

If a person is in the park when the gates close, the gates are equipped with an electric eye, or "loop," to open when they are approached by a person or vehicle coming from inside the park. A camera on the gates also takes a picture of the vehicle's license plate.

There have been incidents, however, where Sheriff's deputies have been called when someone tried to open the gates from the inside manually. That's because the person didn't pull up close enough to the gate to trigger the electric eye, officials said.

Emergency vehicles also have the ability to open the gates from the outside.

Under the plan approved last month, cameras will be installed at the Virmond County Park bathroom pavilion, rustic pavilion, parking lot and stairs; the east side of Tendick Nature Park; the north and south gates at Hawthorne Hills County Park, the Hawthorne Hills maintenance building and the H.H. Peters Youth Camp at Hawthorne Hills.

The total cost of the camera project is \$79,499, which includes a 15% contingency.

Gate installations approved by the committee are for the north and south entrances at Hawthorne Hills County Park and at the east entrance to Tendick Nature Park at a total cost of \$174,836, which also includes a 15% contingency.

Funding for the gates and cameras was approved by the County Board in April.

The gates can be opened with a code. Campers are given a temporary code that is good for the length of their stay. It is already being used at the Waubedonia County Park campground and will be used for the new campsites at Hawthorne Hills, Struck said.

Sugar Maple School officials will have their separate codes.



DEPARTMENT OF ADMINISTRATION

Tony Evers, Governor
Kathy Blumenfeld, Secretary
Dawn Vick, Division Administrator

July 19, 2024

Andrew,

On behalf of the Wisconsin Coastal Management Program, thank you for your participation in the Coastal Program's 312 evaluation on Wednesday, July 10.

We appreciate your time and the thoughtful presentation you prepared for our partners from the National Oceanic and Atmospheric Administration. The ongoing partnership between Ozaukee County and the Wisconsin Coastal Management Program has achieved much to be inspired by, and the evaluation team was very impressed by the Clay Bluffs Cedar Gorge acquisition. We are continually grateful for your local leadership on identifying and implementing projects that tackle coastal hazards, restore and protect important habitat, and improve community access to the coast of Lake Michigan.

Thanks for your participation, the evaluation was highly successful! The Program staff looks forward to working with you on future opportunities.

Regards,

Kate Angel, Program Manager

Mike Friis
Todd Breiby
Lauren Leckwee
Lydia Salus





Three sections

Thursday, July 25, 2024

\$2

44th annual golf tournament is set for Aug. 3 and 4

and Sunday, Aug. 4, at the Hawthorne Hills and Mee-Kwon Park golf courses.

The tournament is open to all Ozaukee County residents who have bought a 2024 Golf Discount Card.

Divisions included Men's Championship (ages 16 and older), Men (18-61), Senior Men (62-71), Super Senior Men, (72 and older), Women's Championship (16 and older), Women (18-61) and Senior Women (62-71).

Proof of handicap is required for the championship divisions. Proof of age is required for the senior divisions.

Entry fees for the championship, men's and women's divisions are \$100 each. The senior divisions are \$80 each.

The fee includes 36 holes of golf, food on Sunday and awards. Riding carts may be rented at check-in. Awards will be given to the first and second-place winners in each flight and division.

Play will be at Mee-Kwon Park in Mequon on Saturday and Hawthorne Hills in the Town of Saukville on Sunday.

The dress code prohibits cut-off shorts, tank tops and T-shirts.

Entries to either golf shop are due by 7 p.m. Wednesday, July 31.

For more information, visit www.ozaukee-countygolf.com/info/ozaukee-county-golf-tournament.



WISCONSIN GOV. TONY EVERS (in blue shirt) last week visited Tendick Nature Park in the Town of Saukville to see how state funds have been used to restore natural habitat there. Joining Evers were Ozaukee County Planning and Parks Director Andrew Struck (in black shirt), state Department of Administration Secretary Kathy Blumenfeld (in white jacket) and state Rep. Deb Andraca (left). *Photo by Sam Arendt*

A poster child for preservation

■ *Governor visits Ozaukee County's Tendick Nature Park in the Town of Saukville to highlight how state funding is being used to protect Wisconsin's coastal areas*

By **DAN BENSON**
Ozaukee Press staff

Wisconsin Gov. Tony Evers visited Tendick Nature Park in the Town of Saukville last week to highlight how state funding is helping to protect and restore state coastal areas.

Evers took a walking tour through the park on Wednesday, July 17, as part of a tour of projects that have received funding from the Wisconsin Coastal Management Program, or WCMP.

Evers was joined by state Department of Administration Secretary Kathy Blumenfeld, as well as by Ozaukee County

Planning and Parks Director Andrew Struck.

The Ozaukee County Planning and Parks Department received a \$93,333 grant through WCMP, the governor's office said in a press release. The county is in the process of using those and other funds to complete stream, wetland and habitat restoration on Tendick Creek and other areas in the park.

The project will support activities to re-meander and restore a 905-foot stretch of degraded stream channel and restore 1.12 acres of wetlands.

Work at Tendick reviewed by Evers is the latest of several efforts undertaken

at Tendick in recent years, including a bluebird box trail, which has received statewide recognition.

Other projects include tree planting and native prairie restoration, which has taken place since 2007, with support from the U.S. Fish and Wildlife Service, Pheasants Forever, American Transmission Co., Bird City Wisconsin and the Wisconsin Department of Natural Resources, We Energies and Southeastern Wisconsin Watersheds Trust.

The 125-acre park includes a disc-golf course and boat and kayak launch on the Milwaukee River.

County gets \$3.2 million to restore fish habitat

■ *Federal money will fund Sucker Brook work that includes flood mitigation*

By **DAN BENSON**
Ozaukee Press staff

Ozaukee County has received \$3.2 million from the federal government to restore fish habitat along Sucker Brook in northern Ozaukee County and help reduce the impacts of flooding.

"We are extremely excited about this transformational funding to make a large, positive impact on Sucker Brook and Ozaukee County," Ozaukee County Planning and Parks Director Andrew Struck said. "This is excellent news."

Struck said the funds will be used to restore "several miles" of Sucker Brook, which extends south from Sheboygan County through the Town of Belgium and empties into Lake Michigan in the Town of Port Washington.

The federal funds are in addition to several hundred thousand dollars already spent by the county to improve fish passage along the stream.

The grant announcement was made in a press release last week issued by Sen. Tammy Baldwin, D-Wis.

The funding comes from the Bipartisan Infrastructure Law and Inflation Reduction Act.

"Across Wisconsin, communities are struggling to deal with increased flooding events that cause millions in damages and wipe out infrastructure that families rely on to get to work, school, and our main street businesses," Baldwin said in the press release.

"This investment for Ozaukee County will not only improve the health of our Great Lakes, but also protect our communities from flooding and the infrastructure families and businesses rely on."

According to the press release, Ozaukee See **Grant** on page 2B



OZAUKEE COUNTY plans to restore fish habitat in and around Sucker Brook, seen here where it empties into Lake Michigan in the Town of Port Washington, using \$3.2 million from the National Oceanic and Atmospheric Administration. *Press file photo*

Grant: Work will reconnect creek to wetlands

FROM PAGE 1B

County will complete a large-scale stream restoration project to reconnect Sucker Brook to nearby wetlands and floodplains, restoring habitats fish rely on for spawning.

The funding comes through the National Oceanic and Atmospheric Administration, or NOAA, commitment of \$286 million toward habitat restoration.

"This funding will allow us to restore the stream channel and floodplain and restore wetlands for fish and wildlife habitat, particularly native fish like longnose suckers," Struck said. "Our department will be working with several landowners along the creek."

Last year, the county received a \$300,000

state grant to improve fish passage on Sucker Brook.

The grant from the state Department of Natural Resources' Office of Great Waters is being used to replace culverts and improve four farm crossings over the creek, in a continuation of work already begun on the creek to improve fish passage there.

The funds administered by the DNR are from the U.S. Environmental Protection Agency's Great Lakes Restoration Initiative.

The money is being used to install larger culverts better able to handle large water flows and to partially bury the culverts to make it easier for fish to swim upstream.

The county has worked to improve fish passage throughout the county. It recently

won national recognition for its work to restore Mineral Springs Creek in Port Washington.

Other noteworthy restoration projects have included Mole Creek in the Town of Saukville.

Not counting the most recent grant announced last week, the Ozaukee Fish Passage Program has utilized approximately \$17.5 million of federal, state, local and non-profit organization funding to re-establish migratory fish passage between 11,149 wetland acres and 215 stream miles of the Milwaukee River Watershed, the Milwaukee Estuary, direct tributaries to Lake Michigan, and Lake Michigan, according to the program's web page.



Ozaukee PRESS

Southeast Wisconsin's Largest Independent Community Weekly

Three sections

Thursday, July 25, 2024

\$2



OZAUKEE COUNTY PLANNING AND PARKS Director Andrew Struck was photographed in 2022 as he prepared to set off on a bike ride around Lake Michigan to raise money for the Clay Bluffs Cedar Gorge Nature Preserve. He is currently biking along the Michigan coast of Lake Huron to benefit the Wisconsin Shipwreck Coast National Marine Sanctuary, which includes Ozaukee County's Lake Michigan shoreline. *Press file photo*

On the road again for a cause

■ *County official who rode around Lake Michigan to raise money for preserve sets off again, this time to benefit Shipwreck Coast National Marine Sanctuary*

By **DAN BENSON**

Ozaukee Press staff

Ozaukee County Planning and Parks Director Andrew Struck is going the distance to bring attention to the Wisconsin Shipwreck Coast National Marine Sanctuary and Shipwreck Coast Friends, by riding his bicycle the length of the U.S. side of Lake Huron.

It's not the first time Struck is taking a long-distance bike ride for a good cause.

In 2022, he rode around Lake Michigan to raise money for the Clay Bluffs Cedar Gorge Nature Preserve, which since has become Ozaukee County's latest park.

Struck began his latest trek on July 19 and plans on finishing this Sunday, July 28, in Port Huron, Mich.

"Afterwards, I'll probably rest," he said in an e-mail.

Struck rides alone, but his wife, Shelby, and dog, Oakley, also known as "Boo," are his support and gear, or SAG, team, he said.

"That's it. I ride solo," he said.

The Wisconsin Shipwreck Coast National Marine Sanctuary, created

in 2021 and operated by the National Oceanic and Atmospheric Administration, or NOAA, spans four counties and covers 962 square miles, from Port Washington north to Two Rivers. It includes 36 "nationally significant historic shipwrecks" and about 60 suspected wrecks, according to a facility study published last year.

A recommendation on where to locate a multi-million-dollar administrative and research center for the sanctuary will likely be made by year's end after a study is completed this fall, a sanctuary official said in April.

The study will likely recommend a location for the center from four communities, including Port Washington.

One reason Struck chose to do the Lake Huron tour is that the only other such sanctuary on the Great Lakes is the Thunder Bay National Marine Sanctuary in Alpena, Mich. on Lake Huron.

He attended the sanctuary over Memorial Day weekend with the Wisconsin Shipwreck Coast National Marine Sanctuary Advisory Council to learn about the sanctuary.

That sparked the idea of doing another bike ride to raise money for the sanctuary.

"After my visit to Alpena, I was given a great excuse to jump back on the bike," Struck wrote on his GoFundMe blog.

He first rode 80 miles from Grafton to Two Rivers for a fundraiser and beer tasting event.

"Riding the entire (sanctuary length) has encouraged me to ride the Michigan side of Lake Huron as a way to promote our new National Marine Sanctuary on Lake Michigan," he wrote.

Struck began his current Michigan trek on July 19 in Mackinac, Mich. He said the trip along the Michigan lakeshore will total about 600 miles.

Along the way, so far, Struck said he had encountered tens of miles of gravel bike trails.

"An entire gravel stage is rough even if flat, no coasting only continuous pedaling," he said.

On the second day, he revisited the Thunder Bay National Marine Sanctuary and came across a bike campground near Metz, Mich.

See *Ride* on page 11B

Ride: Sanctuary center would be coup for county

FROM PAGE 3B

"I've been interested in a bike campground for the Ozaukee Interurban Trail, so thought I might get ideas," he wrote. "It was very nice, complete with sites, picnic tables, fire pits and a nature trail (with signage) talking about native trees in the area."

Raising awareness for the shipwreck sanctuary and the nascent Shipwreck Coast Friends group is critical right now as Struck and other local advocates position the area to be the home to the proposed administrative center.

And there's a lot at stake.

Last year's facilities study calls for spending \$380,500 to improve the Port lighthouse and 1860 Light Station museum, including improving the stairway to the bluff overlooking the harbor, and \$380,000 to improve the Port Washington Historical Society's Resource Center downtown, including facilitating educational programs.

But the biggest piece is \$8.33 million for the marine research and administrative center that would attract researchers from around the country.

The sanctuary is expected to be a national attraction, and the center would likely

include a housing component for researchers, the facilities study stated.

Capturing the center would be a major coup, officials say. And they believe they can make a strong case.

Those reasons include a deeper harbor for research vessels than available at the other communities, the nearness of its downtown to the lakefront, available land at Coal Dock Park and Port's proximity to the airports and population centers of Milwaukee and Chicago, making it ideal as a gateway to the sanctuary for researchers and tourists.

People can donate through Struck's GoFundMe page at www.gofundme.com/f/conserving-public-access-to-lake-michigan.

Other ways to donate include:

- Writing a check made out to the "Ozaukee County Historical Society, Inc." with a note "Andrew's Ride of Lake Huron."

- Donating to the Wisconsin Shipwreck Coast Friends on their website at shipwreck-coastfriends.org with a note "Andrew's Ride of Lake Huron."

- Donating on the Planning and Parks Department website at ozaukeecounty.gov/540/Planning-Parks and scrolling down to "Donate to Our Causes."

OZAUKEE COUNTY



NEWS GRAPHIC

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Tuesday, July 30, 2024

gmtoday.com

Have bike, will fundraise

County park director bikes along Lake Huron to raise awareness for shipwreck sanctuary

By Christina Luick
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262-224-4166

OZAUKEE COUNTY — Ozaukee County Director of Planning & Parks Andrew Struck hopped back on his bike in an effort to raise funds for conserving public access to Lake Michigan and raise awareness about the Wisconsin Shipwreck Coast National Marine Sanctuary.

Struck began biking for conservation in 2022 when he embarked on a 1,300-mile bike journey around Lake Michigan in order to raise funds for projects such as acquiring the Clay Bluff Cedar Gorge, which is the county's newest nature preserve.

This year, Struck decided to ride the U.S. side of Lake Huron, which is approximately 600 miles.

As of Saturday, Struck wrote in his blog on his



Above, in his blog post for July 22, Andrew Struck posted a picture at Thunder Bay, a coastal freshwater estuary/wetland, which is on the 45th parallel halfv between the Equator and North Pole. **Right**, Struck made it to Bay City State Park in Michigan on July 23 during his bike trip along Lake Huron.



Photos courtesy of Andrew Struck

GoFundMe page that he made it to his final destination, which was Lighthouse Park at the southern tip of Lake Huron, boarding Canada.

"An adventure I won't ever forget and made more special by the company and support!" Struck wrote.

Struck is looking to raise money for the following projects: the Wisconsin Shipwreck Coast National Marine Sanctuary (WSC NMS) in Ozaukee County, restoration of the Clay Bluff Cedar Gorge Nature Preserve and two projects for the Ozaukee Interurban

Trail that involves repaving the north half and providing a new east-west trail extension along Highway 60.

A total of 962 miles and 36 known shipwreck sites in Wisconsin's mid-Lake Michigan shoreline along four counties was designated in 2021 as the WSC NMS.

The WSC NMS is co-managed by the National Oceanic and Atmospheric Administration and the state of Wisconsin.

Struck said he decided to take this new trip after visiting the Thunder Bay National Marine Sanctuary in Alpena, Mich. on Lake

Huron with the WSC NM Advisory Council during Memorial Day weekend. Thunder Bay National Marine Sanctuary is the only other National Marine Sanctuary on the Great Lakes.

See **STRUCK**, PAGE

Struck

From Page 1A

"Riding the entire WSC NMS has encouraged me to ride the Michigan side of Lake Huron as a way to promote our new National Marine Sanctuary on Lake Michigan," Struck wrote on his blog.

Struck is also a board member of Shipwreck Coast Friends, which works to support the WSC NMS.

"They have accomplished a lot in a short time!" Struck told the News Graphic. "I'm hoping that some of the funds raised can go to educational signage for the WSC NMS and leverage other funding."

For more information about Shipwreck Coast Friends, visit shipwreckcoast-friends.org.

To donate to Struck's fundraiser, visit his GoFundMe page at <https://gofund.me/f4a3df0d>. Donations may also be made payable to: Ozaukee

How to help

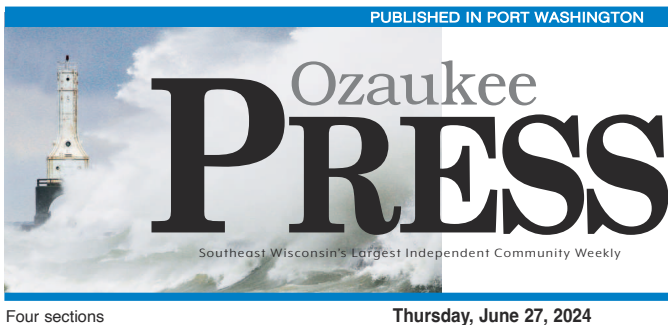
■ To donate to Struck's fundraiser, visit his GoFundMe page at <https://gofund.me/f4a3df0d>. Donations may also be made payable to: Ozaukee County Historical Society, Inc (501(c)(3) nonprofit) (payable to) Lake Michigan Ride, c/o Andrew Struck at 121 West Main St., PO Box 994 Port Washington, WI 53074.

■ To learn more about the Wisconsin Shipwreck Coast National Marine Sanctuary, visit sanctuaries.noaa.gov/wisconsin.

County Historical Society, Inc (501(c)(3) nonprofit) (payable to) Lake Michigan Ride, c/o Andrew Struck at 121 West Main St., PO Box 994 Port Washington, WI 53074.

To learn more about the Wisconsin Shipwreck Coast National Marine Sanctuary, visit sanctuaries.noaa.gov/wisconsin.

Attachment: 2024.7.30 News Graphic, Have bike, will fundraise (P&PDept_Management&FinancialReports)



Four sections

Thursday, June 27, 2024

\$2

NOSD charter school receives \$1 million grant for expansion

By KRISTYN HALBIG ZIEHM
Ozaukee Press staff

Sugar Maple Nature School is celebrating in a big way after finding out it is receiving a \$1 million grant from the Wisconsin Department of Public Instruction to add middle school classes.

The Wisconsin Charter School Program grant will allow the school — a Northern Ozaukee School District charter school — to add grades six to eight in the coming years, Director of Education Cindy Raimer said.

"We are so excited," she said, noting the money is to be used over the next five years

■ Sugar Maple Nature School to use money to add grades six to eight as it moves to Hawthorne Hills Park

to provide everything from supplies and furniture to community outreach programs.

At the same time, the school is moving from its home at Riveredge Nature Center to Ozaukee County's Hawthorne Hills Park. The first modular pieces of its new schoolhouse were set to arrive from Mobile Modular, the Illinois company constructing the building, on Wednesday.

The last piece is expected to arrive the following Monday, Raimer said.

"We're really hoping for sunny skies," she said, noting that the building is expected to be finished by Aug. 15.

"It's been a very, very busy summer," she said. "We've got lots of momentum going."

Raimer said the school found out last Monday that it was receiving the \$1 million expansion grant — federal funds awarded by the DPI to plan, open or expand charter schools — adding the school's governance
See School on page 2B



STUDENTS HUNG OUT in their "reading nook" hammocks at the Riveredge Outdoor Learning Elementary School, the predecessor to Sugar Maple Nature School, in 2019. *Press file photo*

School: Park to become outdoor classroom

FROM PAGE 1B

council was expected to accept the funding this week.

Sugar Maple School, formerly Riveredge Outdoor Learning Elementary School, has kindergarten through fifth grade classes but had already committed to offering a combined fifth-sixth grade class next school year, Raimer said.

The following year, she said, there will be dedicated fifth and sixth-grade classes.

It's an option parents have been asking for, she said, noting all the students in this year's fifth-grade class wanted to remain at the school.

Sara Tippet of Menomonee Falls has three children enrolled at the school and was one of those parents seeking a middle-school option. Her oldest daughter will enter sixth grade this coming year, she said and they are thrilled to be able to continue at Sugar Maple School— her other children are entering fourth and second grades at the school.

"When the possibility (of middle school classes) was discussed, I was very happy to have the option for her to stay at the school," Tippet said. "It's really special."

"We're thrilled with the small class sizes,

the community and the communication between the teachers and us. The outdoor time has been invaluable. This has made such a difference."

The move to Hawthorne Hills was another factor in her family's decision, Tippet said, noting the school was limited in space at Riveredge.

"We're sad to leave Riveredge but excited about the opportunities we'll have," she said.

With the move, Raimer said, Sugar Maple School will be able to use the 57-acre Hawthorne Hills Park and 67-acre Shady Lane Natural Area as an outdoor classroom and learning lab.

During winter, she noted, the school will be able to use the Hawthorne Hills Golf Course for cross country skiing, snowshoeing and sledding as well as hiking and learning.

Raimer said that one area of emphasis for the middle school will be developing students who are actively engaged in their community.

This extends beyond traditional academics to cultivate a sense of responsibility, altruism and gratitude for community, according to the grant application.

As part of that, the middle-schoolers will

work on a community garden, host a farmers market and donate any excess produce to Family Sharing's food pantry to help those in need.

They will also work with the Ozaukee County ecology team on stewardship projects, such as cleaning up area waterways and removing invasive plants from parks, she said.

"The focus on stewardship instills values that can positively influence academic performance by fostering a sense of purpose, teamwork and social responsibility," according to the grant application. "It contributes to the development of well-rounded individuals who understand the broader implications of their actions."

Sugar Maple School got its start as ROLES during the 2019-20 school year with 70 students, attracting many with its commitment to nature and the idea that the outdoors can be a classroom.

The school has grown each year, with a maximum 22 students per class. Raimer said that there is only one open seat at the school for the coming year, in the second grade.

The school has a waiting list of 22 students for kindergarten, she said, and four for the combined fifth and sixth-grade class.



Ozaukee PRESS

Southeast Wisconsin's Largest Independent Community Weekly

Three sections

Thursday, July 4, 2024

\$2



Photo Op-Ed

On duty

On a lazy day in Waubedonia Park on the east bank of the Milwaukee River in Fredonia, a faithful dog kept watch as its master retired to a hammock to read a book. Besides an atmosphere for serious relaxing, the wooded 40-acre park offers fishing for smallmouth bass and northern pike, a launching place for kayaks and canoes and sites for overnight camping. There are plenty of trees to support hammocks, and dogs on leashes are welcome.

Photo by Sam Arendt

Packet Pg. 307

OZAUKEE COUNTY



NEWS GRAPHIC

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Tuesday, July 9, 2024

gmtoday.com

'Now that we have clarity from the court'

State Supreme Court decision hits home for many here

By Christina Luick
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MADISON — The Wisconsin Supreme Court on Friday ruled in a 6-1 decision last week that the Republican-controlled budget committee is unlawfully blocking funding for conservation projects.

The decision hits close to home, since it was a member of the Joint Committee on Finance who anonymously

objected to a \$2.3 million Knowles-Nelson Stewardship Grant for the Clay Bluffs Cedar Gorge project.

The Ozaukee Washington Land Trust was looking to use that funding to acquire the property to turn it into a preserve that could be considered a second Lion's Den Gorge Nature Preserve. After that objection, the OWLT waited to see if the JFC would discuss a reduced amount of \$1.6 million at a future

meeting, but that never happened.

In August 2022, Gov. Tony Evers announced his intention to invest \$4.5 million of state American Rescue Plan Act funds into five conservation projects across Wisconsin, including \$2.3 million to help the OWLT acquire the Clay Bluffs Cedar Gorge. The other four projects were also submitted to the JFC by the Department of Natural Resources to be partially funded through the Knowles-Nelson Stewardship Program but were object-

ed by a JFC member.

Then in October 2023, Evers sued Republicans in the Wisconsin State Legislature, arguing that Republican-controlled committees such as the Joint Committee on Finance were unconstitutionally and unlawfully obstructing basic government functions by blocking already-approved conservation projects under the Knowles-Nelson Stewardship Program, among

other instances.

The sole dissenting vote in the Evers v. Marklein decision was Supreme Court Justice Annette Ziegler. In a majority opinion led by Supreme Court Justice Rebecca Grassl Bradley, the Wisconsin Supreme Court stated:

"The constitution's vesting of core powers in each of the three branches of government may no

See RULING, PAGE 6/



Photo courtesy of the Ozaukee Washington Land Trust

Clay Bluffs Cedar Gorge consists of more than 131 acres of unique lake bluff and migratory habitat.

Ruling

From Page 1A

be statutorily altered,” Grassl Bradley wrote, saying that it is essential for maintaining “government accountable to the people.”

In a press release from his office, Evers stated:

“Republican lawmakers have spent years giving themselves outsized influence and power that they’ve used to unconstitutionally obstruct basic government functions and prevent my administration from doing the people’s work. And that includes preventing the implementation of the Knowles-Nelson Stewardship Program. That ends today.

“I’ve spent years working against near-constant Republican obstruction, and this historic decision rightfully resets constitutional checks and balances and restores separation of powers. This decision is a victory for the people of Wisconsin, who expect and deserve their government to work — and work for them, not against them.”

Sen. Howard Marklein, whom Evers named in the suit, is co-chairman of the Joint Committee on Finance.

Sen. Ducey Stroebel, R-Cedarburg, vice chairman of the JFC, told the News Graphic that the Knowles-Nelson Stewardship Program has spent over \$1 billion dollars, almost all borrowed, on conservation efforts since its creation 25 years ago. The debt service payments are over \$55 million annually, he said.

“This is serious taxpayer money that cannot be spent on other important priorities like health care, education etc.,” he said. “The passive review process the Legislature and governor agreed to a decade ago was designed to provide some oversight.

Stroebel said that in 2018, he discovered how the over-

sight prevented “misuse” of the program when he said Bayfield County tried to pass off land in the Bibon Swamp Natural Area as harvestable forest land, when actually it was unusable swampland, in order to qualify for more funds.

“We caught and prevented this abuse. While the vast majority of these DNR requests go through without delay, there are too many examples to list of inflated appraisals and other issues the Joint Committee on Finance discovered and saved millions for taxpayers.

“The Supreme Court has ruled that this review process exceeds the constitutional role of the Legislature, and I accept that ruling. In practice, removing these oversight tools will make building consensus around future appropriations less likely.”

More broadly, Stroebel said he is concerned about checks and balances on power if legislative tools for oversight are weakened while the governor maintains his unusually vast powers, such as the strongest line item veto in the country.”

The Democratic members of the JFC, including State Rep. Deb Andraca, R-Whitefish Bay, who represents part of Ozaukee County, issued the following statement on the state Supreme Court’s ruling:

“Today’s decision affirms what we have been saying all along: Republicans have been breaking the law by obstructing stewardship projects that seek to maintain and improve Wisconsin’s conservation heritage. This historic decision will help restore the balance of power and ensure our state is working for the people, not against them.”

In a separate statement by Andraca, she talks about the anonymous JFC member — who has remained anonymous, which is allowed under committee

rules — to have blocked the funds to the Clay Bluffs Cedar Gorge.

The anonymity of JFC votes was not mentioned in the Supreme Court’s decision.

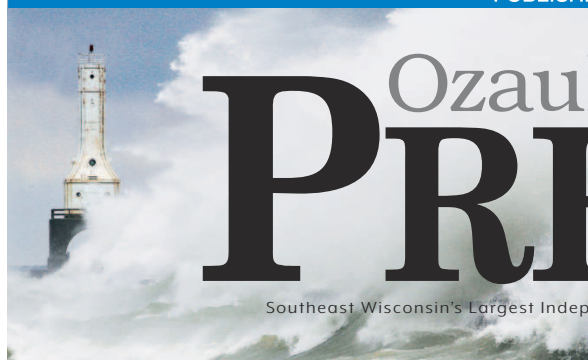
“Today the Wisconsin Supreme Court confirms what we have said all along — a ‘pocket veto’ by a legislative committee, with no public hearing or vote, is wrong,” Andraca said. “Years of work by community advocates, local officials and conservation experts should never be cast aside for the personal preferences of one anonymous legislator. I strongly support today’s 6-1 decision and I hope this is the start of more transparency by the Joint Finance Committee.”

OWLT Executive Director Tom Stolp said the organization is pleased with the Wisconsin Supreme Court’s decision.

“The Court’s ruling will result in more conservation projects moving forward because DNR can now thoroughly vet projects and award grant funds based on merit, free from arbitrary political objections or delays,” he said. “We look forward to working with state lawmakers and the hardworking public servants at Wisconsin DNR to continue to make sure the Knowles-Nelson Stewardship program protects the outdoor places that make Wisconsin so special.”

Stolp added that the OWLT is setting its sights on the next state budget debate next year, when funding for Knowles-Nelson will be up for reauthorization.

“Now that we have clarity from the court on how the Knowles-Nelson program should be governed, future generations of Wisconsinites are depending on us to make sure this popular conservation program is funded well into the future,” he said



Three sections

Thursday, July 18, 2024

\$2

Opinion

Ozaukee Press

Thursday, July 18, 2024

Pag

EDITORIAL

United court slams enemies of conservation grants

The Wisconsin Supreme Court's July 3 decision on the powers of the Legislature's Joint Finance Committee did more than protect worthy conservation projects. It put an end to a perversion of the legislative process that gave a clique of lawmakers executive powers that were frequently used to block expenditures in budgets approved by the full Legislature.

The court didn't mince around the issue. It slammed it with an emphatic ruling amplified by the fact that it was nearly unanimous.

Much has been made of the liberal tilt given the court by recently elected justices, but that was irrelevant in this 6-1 decision, which was made by liberal and conservative members with only one conservative in opposition. The opinion was written by conservative Justice Rebecca Bradley.

In ruling that the statutes empowering the committee are unconstitutional, Bradley wrote, "In granting the JFC the ability to stymie the executive branch from carrying out the laws passed by the Legislature, the statutes encroach upon the governor's constitutional mandate to execute the law."

The effort by the Republican majority of the JFC to kill a grant for the Clay Bluffs Cedar Gorge Nature Preserve in Ozaukee County was one of the more egregious abuses cited in filings for the Supreme Court case, but there have been many others. The committee has blocked 27 conservation grants since 2019.

The JFC was established in 1911 with a role limited to reviewing appropriations and tax and revenue bills before they

were considered by the full Legislature. A succession of statutes increased its power to the point where in 2023, according to the Legislative Fiscal Bureau, it was able to wield 120 different veto or approval powers.

Powers that extravagant invite abuse, and in its Clay Bluffs machinations the committee obliged. Its veto of a pre-approved grant of \$2.3 million in matching funds to buy land for the 131-acre lakeshore preserve in the City of Port Washington was based on an objection to the grant by a single Republican member of the 16-person committee. The objection was made at committee meeting that was closed to the public and press. The identity of the objecting legislator was not revealed.

That was hardly a shining moment for open government, but it was followed by worse. Determined to save the preserve, the Ozaukee Washington Land Trust, which applied for the grant and had been raising the required matching funds, agreed to a reduced amount of \$1.6 million. The JFC had proposed the smaller grant, and then reneged on it, leaving no hope the approved grant money would be released in any amount.

Then word leaked out that the final veto was in response to lobbying on behalf of a private buyer who wanted to develop the land, including its mile of Lake Michigan shore. The buyer's identity was kept secret.

Committee members had to be ethically comatose not to anticipate the questions these optics suggested: Did committee members have a conflict of interest?

Did anyone connected with the committee stand to gain from the private sale of the land?

JFC members have said their animus to conservation grants is based on concerns about the Knowles-Nelson Stewardship Program's spending and debt. That's an issue legislators can deal with when the program comes up for reauthorization. But blocking grants approved under the current authorization was nothing less than sabotage.

The Legislature created the stewardship fund in 1989 to preserve natural areas and wildlife habitat and expand opportunities for outdoor recreation. The grants are vetted by the Department of Natural Resources and are only approved on a matching basis. For Clay Bluffs, the local matching funds came in large part from the donations of hundreds of citizens.

That support was not surprising. The people of Wisconsin know their state is uncommonly blessed with valuable natural areas and they want them preserved. Every poll has found a huge majority favors funding for preservation.

In its campaign to block approved conservation projects, the JFC defied Wisconsin's belief in the value of their state's priceless natural assets.

The committee was finally thwarted in its attempt to kill Clay Bluffs when Gov. Tony Evers approved paying the state's share from surplus federal funds.

And now future Stewardship Program grants are safe, thanks to the Supreme Court's veto of the JFC's veto power.