



AGENDA
NATURAL RESOURCES COMMITTEE
REGULAR MEETING
THURSDAY, AUGUST 3, 2023 – 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. June 8 & July 19, 2023

5. **PUBLIC HEARING**

- 1.) Request by Matt Manzek of Manzeck Construction Inc., Agent, for Chris and Carol Brown, as owners, to petition the Natural Resources Committee for a Zoning Classification change Floodplain to Non-floodplain in the Shoreland District, per Section 7.1300 of the Ozaukee County Shoreland & Floodplain Zoning Ordinance, to reflect the results of a fill project for the construction of a new residence.

Affecting the following described real estates: **Town of Belgium**, T12N-R23E in the SE ¼ of the NW ¼, Section 18 T12N-R23E. Tax Key #02-018-08-002.00, Property address: 6300 Sauk Trail Road, Belgium WI 53004

- 2.) Request by Eric Ryer, Town of Cedarburg Administrator as Agent for Town of Cedarburg, as owner, to petition the Natural Resources Committee for a Zoning Classification change Shoreland-Wetland to Shoreland in the Shoreland District, per Section 7.1300 of the Ozaukee County Shoreland & Floodplain Zoning Ordinance, to reflect the results of a wetland delineation report and survey.

Affecting the following described real estates: **Town of Cedarburg**, T10N-R21E in the NW ¼ and the NE ¼ of the NW ¼, Section 21 T10N-R21E, Lot 1 CSM #3997 Doc.1050182. Tax Key #03-021-05-005.00, Property address: 8611 State Road 60, Cedarburg WI 53012

6. **LAND AND WATER MANAGEMENT DEPARTMENT**

a. Action Items:

1. Ordinance: Shoreland & Floodplain Zoning Map Amendment - Town of Belgium, Section 18
2. Ordinance: Shoreland & Floodplain Zoning Map Amendment - Town of Cedarburg, Section 21

7. **UNIVERSITY EXTENSION OFFICE**

a. Management/Financial/Informational Reports

1. UW-Madison Division of Extension Written & Financial Reports

8. **REGISTER OF DEEDS/LAND INFORMATION**

a. Management/Financial/Informational Reports

1. Register of Deeds/Land Info Monthly Department Report

9. **LAND AND WATER MANAGEMENT DEPARTMENT (CONT.)**

a. Management/Financial/Informational Reports

1. LWM Monthly Reports*

10. **PLANNING AND PARKS DEPARTMENT**

a. Action Items:

1. Increase of Revenue Budget Amendment for a Wisconsin Department of Natural Resources Office of Great Waters Grant for a Lake Sturgeon Habitat Assessment and Management Plan for the Milwaukee River

2. Increase of Revenue Budget Amendment for a Great Lakes Sportfisherman Donation for Fish Passage and Habitat Restoration on Sucker Creek
3. Resolution: Application And Acceptance Of A Wisconsin Department Of Natural Resources County Conservation Aids Grant For Prairie Restoration Activities At Clay Bluffs Cedar Gorge Nature Preserve County Park
4. Resolution: Application And Acceptance Of A Wisconsin Department Of Natural Resources Surface Water Planning Grant To Support Water Quality Monitoring Activities On The Little Menomonee River And Creek, Mole Creek And Ulao Creek In Ozaukee County
5. 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
6. Submittal and Acceptance of a Natural Resources Foundation C.D. Besadny Conservation Fund Grant for Prairie Restoration Activities in Hawthorne Hills County Park
7. Contract for Professional Design and Engineering Services for Fish and Wildlife Aquatic Habitat Enhancements in the Little Menomonee River Corridor as part of the Milwaukee Estuary and River Area of Concern
8. Change Order for Boardwalk and Observation Dock and Platform at Lion's Den Gorge Nature Preserve

b. Discussion Items:

1. Update on Hawthorne Hills County Park Multipurpose Maintenance Building Construction and Change Orders
2. Update on Planning and Parks Department Capital Projects, Ecological Division Grant Projects and Historic Covered Bridge Repairs
3. Park User Surveys 2023
4. 2024 Department Budget Highlights
5. Video - NACPRO Awards - Virmond County Park Lake Michigan Stairway

c. Management/Financial/Informational Reports

1. Planning & Parks Management and Financial Reports

11. NEXT MEETING DATE

September 7, 2023

12. ADJOURNMENT

* FSA Committee Member Items

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 3, 2023
DEPARTMENT:	County Clerk
DIRECTOR:	Karen Niemuth
PREPARER:	Lisa Henning

Agenda Summary June 8 & July 19, 2023

June 8, 2023

[<https://www.co.ozaukee.wi.us/AgendaCenter/ViewFile/Minutes/_06082023-3252>](https://www.co.ozaukee.wi.us/AgendaCenter/ViewFile/Minutes/_06082023-3252)

July 19, 2023

[<https://www.co.ozaukee.wi.us/AgendaCenter/ViewFile/Minutes/_07192023-3269>](https://www.co.ozaukee.wi.us/AgendaCenter/ViewFile/Minutes/_07192023-3269)

NATURAL RESOURCES COMMITTEE

Natural Resources Committee**AGENDA INFORMATION SHEET**

AGENDA DATE:	August 3, 2023
DEPARTMENT:	Land and Water Management
DIRECTOR:	Katie Vogeler
PREPARER:	Katie Vogeler

Agenda Summary Public Hearing Notice

ATTACHMENTS:

- Rezoning-Brown - Floodplain Public Notice 8-3-2023 (PDF)

NATURAL RESOURCES COMMITTEE

(July 20, 2023 and July 27, 2023)

**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 3, 2023, 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):

Request by Matt Manzek of Manzeck Construction Inc., Agent, for Chris and Carol Brown, as owners, to petition the Natural Resources Committee for a Zoning Classification change Floodplain to Non-floodplain in the Shoreland District, per Section 7.1300 of the Ozaukee County Shoreland & Floodplain Zoning Ordinance, to reflect the results of a fill project for the construction of a new residence.

Affecting the following described real estates: **Town of Belgium**, T12N-R23E in the SE ¼ of the NW ¼, Section 18 T12N-R23E.

Tax Key #02-018-08-002.00, Property address: 6300 Sauk Trail Road, Belgium WI 53004

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

Natural Resources Committee**AGENDA INFORMATION SHEET**

AGENDA DATE:	August 3, 2023
DEPARTMENT:	Land and Water Management
DIRECTOR:	Katie Vogeler
PREPARER:	Katie Vogeler

Agenda Summary Public Hearing Notice

ATTACHMENTS:

- Rezoning-Town of Cedarburg - Wetland Public Notice 8-3-2023 (PDF)

NATURAL RESOURCES COMMITTEE

(July 20, 2023 and July 27, 2023)

**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 3, 2023, 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):

Request by Eric Ryer, Town of Cedarburg Administrator as Agent for Town of Cedarburg, as owner, to petition the Natural Resources Committee for a Zoning Classification change Shoreland-Wetland to Shoreland in the Shoreland District, per Section 7.1300 of the Ozaukee County Shoreland & Floodplain Zoning Ordinance, to reflect the results of a wetland delineation report and survey.

Affecting the following described real estates: **Town of Cedarburg**, T10N-R21E in the NW ¼ and the NE ¼ of the NW ¼, Section 21 T10N-R21E, Lot 1 CSM #3997 Doc. 1050182.

Tax Key #03-021-05-005.00, Property address: 8611 State Road 60, Cedarburg WI 53012

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 # 9477)

SHORELAND & FLOODPLAIN ZONING MAP AMENDMENT - TOWN OF BELGIUM,
SECTION 18

The Ozaukee County Board of Supervisors does ordain that the County Shoreland and Floodplain Zoning Map be amended in accordance with Section 7.1300 of the Ozaukee County Code of Ordinances to indicate a Zoning Classification Change from Floodplain to Non-floodplain.

Affecting the following described real estates: **Town of Belgium**, T12N-R23E in the SE ¼ of the NW ¼, Section 18 T12N-R23E.

Tax Key #02-018-08-002.00, Property address: 6300 Sauk Trail Road, Belgium WI 53004

This Ordinance shall take effect upon enactment and publication.

Dated at Port Washington, Wisconsin, this 6th day of September 2023.

SUMMARY: *Shoreland & Floodplain Zoning Map Amendment - Town of Belgium, Section 18*

VOTE REQUIRED: Majority

NATURAL RESOURCES COMMITTEE

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE:	August 3, 2023
DEPARTMENT:	Land and Water Management
DIRECTOR:	Katie Vogeler
PREPARER:	Katie Vogeler

Agenda Summary Shoreland & Floodplain Zoning Map Amendment - Town of Belgium, Section 18

BACKGROUND INFORMATION: Request by Matt Manzek of Manzeck Construction Inc., Agent, for Chris and Carol Brown, as owners, to petition the Natural Resources Committee for a Zoning Classification change Floodplain to Non-floodplain in the Shoreland District, per Section 7.1300 of the Ozaukee County Shoreland & Floodplain Zoning Ordinance, to reflect the results of a fill project for the construction of a new residence.

Affecting the following described real estates: **Town of Belgium**, T12N-R23E in the SE ¼ of the NW ¼, Section 18 T12N-R23E.

Tax Key #02-018-08-002.00, Property address: 6300 Sauk Trail Road, Belgium WI 53004

ANALYSIS: Per Section 7.1300 of the County Shoreland and Floodplain Zoning Ordinance, any change to a floodplain 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 from floodplain to non-floodplain as a result of the reports completed by Giles Engineering INC. received on July 5, 2023 and D&H Land Surveys LLC received on July 6, 2023.

ATTACHMENTS:

- Rezoning Application (PDF)
- Property Location (PDF)
- Aerial Map - Current Shoreland - Floodplain Zoning (PDF)
- Plat of Survey (PDF)
- Engineer Compaction Report - Lift 1 (PDF)
- Engineer Compaction Report - Lift 2 (PDF)
- Engineer Compaction Report - Lift 3 (PDF)

RECEIVED

Katie Vogeler, 6.a.1.a

Edward J. Pfister, Sanitation & Zoning Coordinator

Geoff Schramm, Land & Water Coordinator

www.co.ozaukee.wi.us

JUL 05 2023

OZAUKEE COUNTY
LAND & WATER
MANAGEMENT DEPT



LAND AND WATER MANAGEMENT DEPARTMENT

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-Floodplain
(Existing Zoning District)

to Shoreland
(Proposed Zoning District)

Owner:	Chris and Carol Brown
Telephone Number:	Chris (630) 946-3508 Carol (312) 515-0313
E-Mail Address:	Carolbrown11511@gmail.com
Mailing Address:	75 Spring Ave.
City, State, Zip:	Naperville, IL 60540
Project Address (if different than mailing address):	6300 Sauk Trail Rd. Belgium, WI 53004

Agent:	Matt Manzeck Const., Inc.
Telephone Number:	(262) 483-5077 Matt Manzeck
E-Mail Address:	info@manzeckconstruction.com
Mailing Address:	270 Elevator Ln. Belgium, WI 53004
City, State, Zip:	

Tax Key Number:	02-018-08-002.00
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Legal Description (1/4, Section, Township-Range, Municipality): SE/NW 1/4 Sec. 18 T.12N., R23 E. Town of Belgium		
Lot Number:	Block Number:	Subdivision Name or CSM #

Additional Information:
RE-ZONING Building Lot out of Flood Plain elevation 588.2' - Top of Fill at or above 590.

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)
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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).

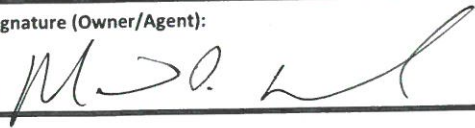
Shoreland-Wetland Rezoning

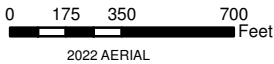
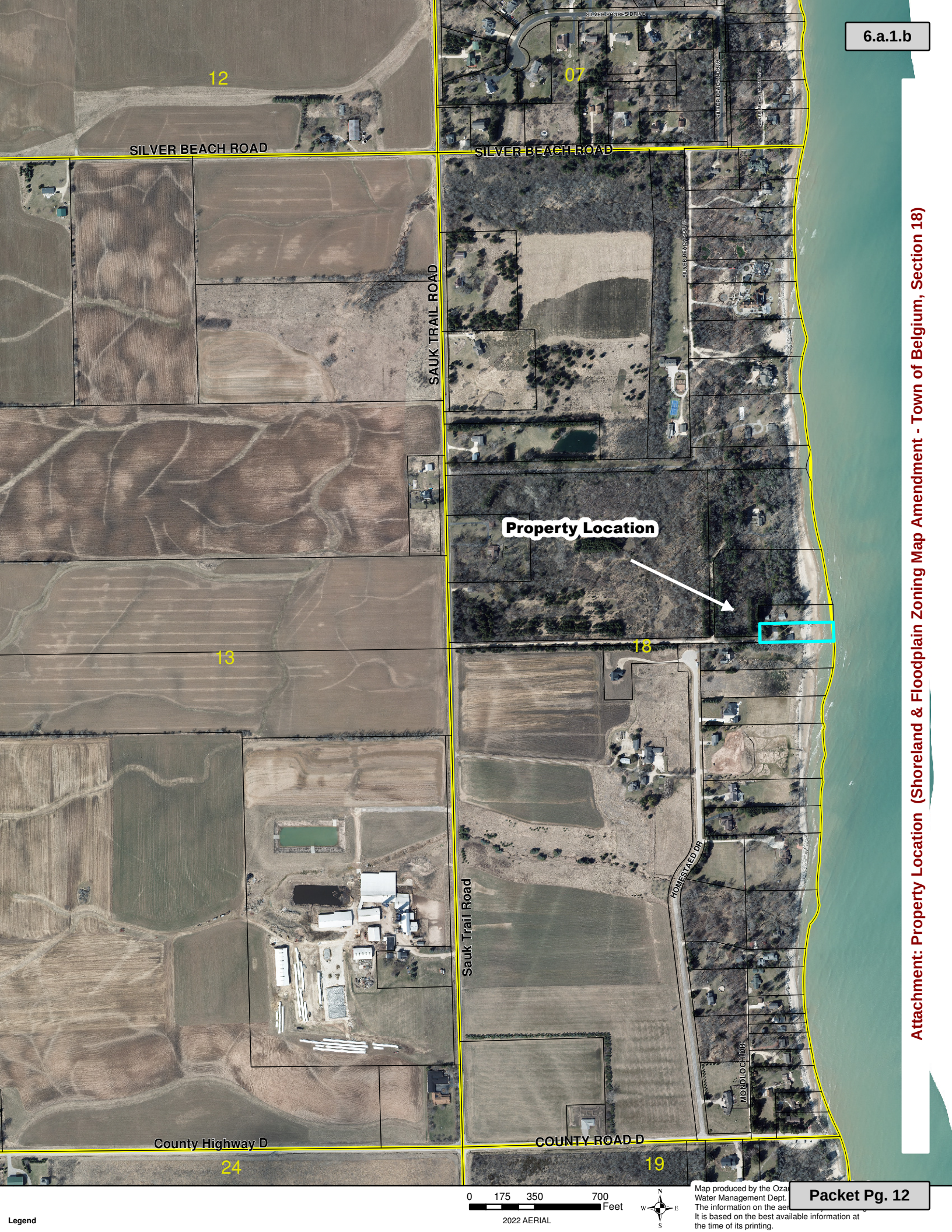
Section 7.1305 - A wetland, or portion thereof, in the shoreland-wetland district shall not be rezoned if the proposed rezoning may result in a significant adverse impact upon any of the following:

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: 7/5/2023	Petition Fee: \$ 330.00
(For Department use only)		Petition Date: Check / Receipt Number: 1805 / 17375	
Date of NR Committee Approval:	Date of County Board Approval:		
Comments:			



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

02-018-08-007.00

CSM #4208
Lot 2
Doc #1143799

3.837 Acs

6352

183.50

100.00

6312

02-018-08-001.00

0.910 ACS

100

6300

02-018-08-002.00

0.912 ACS

488.74'

02-018-09-009.00

CSM #1827 LOT 9 DOC #0383426

1.970 ACS

481.41'

02-018-09-008.00

CSM #1827 LOT 8 DOC #0383426

1.940 ACS

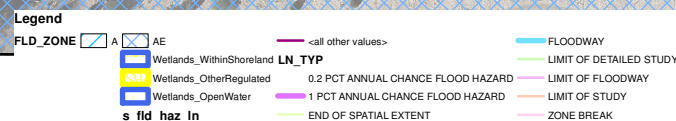
474.08'

02-018-09-007.00

CSM #1827 LOT 7 DOC #0383426

1.900 ACS

466.75'



0 25 50 100 Feet

2022 AERIAL



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

D & H LAND SURVEYS LLC
1628 GEORGIA AVENUE
SHEBOYGAN, WISCONSIN

6300 SAUK TRAIL ROAD
BEING TAX PARCEL NUMBER 02-018-08-002.00
LOCATED IN THE FRACTIONAL NORTHWEST QUARTER
OF SECTION 18, T.12 N., R.23 E., TOWN OF BELGIUM,
OZAUKEE COUNTY, WISCONSIN.

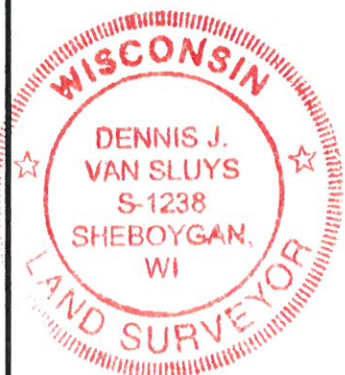
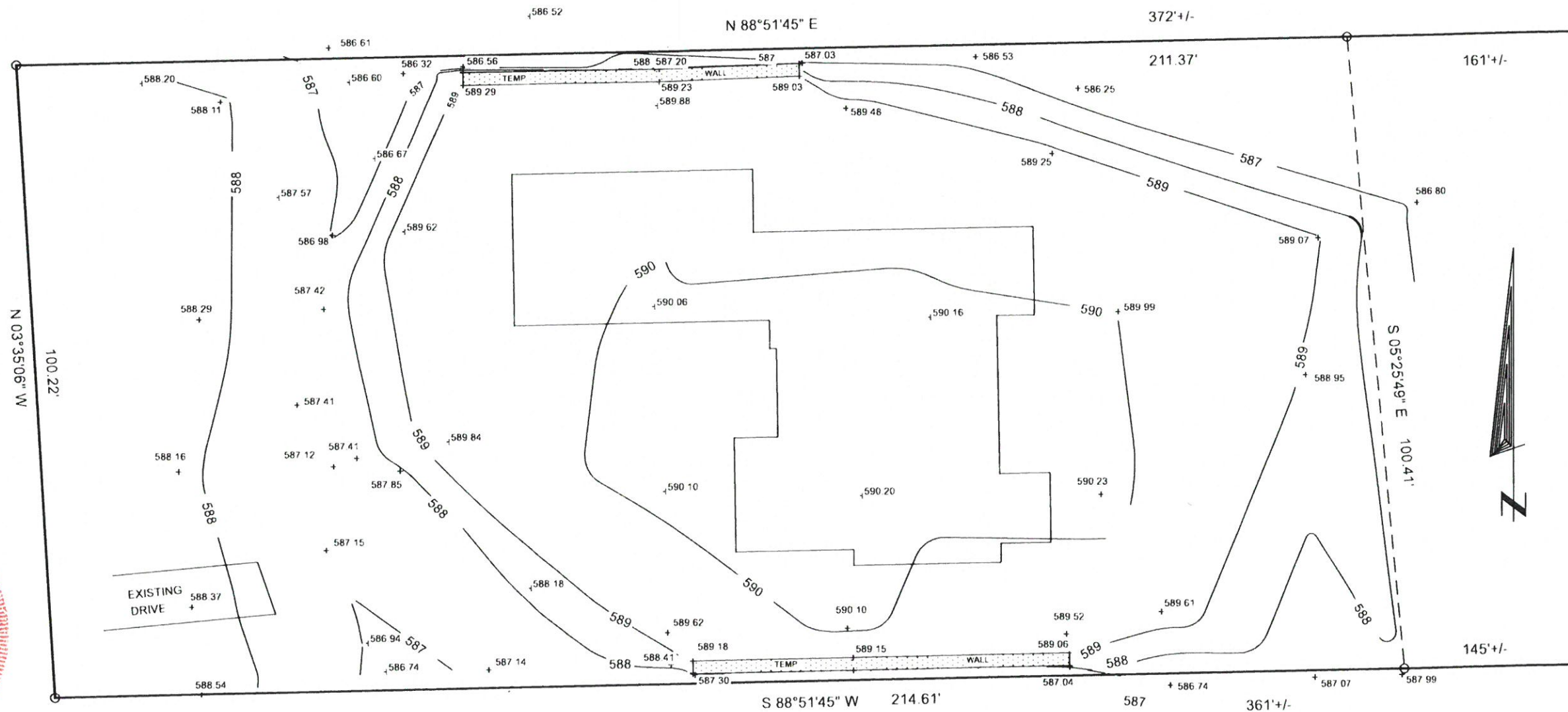
SHEET 3

EXISTING FILL 7/6/23

RECEIVED

JUL 06 2023

OZAUKEE COUNTY
LAND & WATER
MANAGEMENT DEPT



THIS IS AN ORIGINAL PRINT ONLY
ALL INFORMATION IS IMPRINTED IN RED

THIS IS TO CERTIFY THAT THE INFORMATION SHOWN HEREON
IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Dennis J. Van Sluys
Dennis J. Van Sluys S-1238

Dated this 6th day of July, 2023

DATA/BELGIUM/6300SAUK/6300SAU3 MAP D-3368

Attachment: Plat of Survey (Shoreland & Floodplain Zoning Map Amendment - Town of Belgium, Section 18)



Project	Chris and Carol Brown Residence 6300 Sauk Trail Road Belgium, WI	JUL 05 2023 OZAUKEE COUNTY LAND & WATER MANAGEMENT DEPT	Client	Matt Manzeck Construction, Inc 270 Elevator Lane Belgium, WI 53004
Date	May 26, 2023		PM	Matt Manzeck info@manzeckconstruction.com
Weather	Sunny 65°F		Giles Project No.	1M-2305024
			Field Rep.	Ian Godin

FIELD DENSITY TESTING

As requested by our client, our representative reported to the above-referenced site to perform field density tests on previously placed materials on a spot-check basis.

Visual observations indicated fill consisting of dark brown silt with sand trace gravel (Soil ID No. 1) has been placed in the area of the proposed building (see attached sketch). Proctor values for the material tested this date were not available while we were on site. A sample was collected this date and returned to our laboratory.

Field density tests were performed by nuclear method at the subgrade surface -1 foot below the planned grade to assess the in-place density and moisture content of the material placed. Test results indicated compaction of at least 95 percent of the maximum dry density as determined by the standard proctor method with moisture contents ranging from 4.3 to 5.5 percent (Report of Field Compaction Tests is attached).

The field density test results indicated compaction of the fill tested this date was in general compliance with the project specifications.

The contractor was also reminded that the exposed soils are considered sensitive to water increase or construction disturbance. These soils may soften, rut, or become unstable if they become wet or disturbed by construction activity. Therefore, care should be utilized to prevent surface water from ponding. Soils that become soft or unstable require recompaction, stabilization, or replacement before further construction.

Locations and elevations of tests were assessed in accordance with the accuracy and proximity of provided survey control. Unless otherwise noted, the test locations and elevations were assessed by pacing and hand-level methods.

We make no warranty, express or implied, except that our services were performed in accordance with engineering principles generally accepted at this time and in this location.

REVIEWED BY: Angela Anderson

Attachment: Engineer Compaction Report - Lift 1 (Shoreland & Floodplain Zoning Map Amendment - Town of Belgium, Section 18)



GEOTECHNICAL, ENVIRONMENTAL, AND
CONSTRUCTION MATERIALS CONSULTANTS

GILES ENGINEERING ASSOCIATES, INC.

**REPORT OF FIELD
COMPACTION TESTS**

6.a.1.e

N8 W22350 JOHNSON DRIVE, SUITE A1 / WAUKESHA,
(262) 544-0118 / FAX: (262) 549-5868 / www.gilesengr.com

Project	Chris and Carol Brown Residence 6300 Sauk Trail Road Belgium, WI	Client	Matt Manzeck Construction, Inc. 270 Elevator Lane Belgium, WI 53004
Date	May 26, 2023	Proj. No.	1M-2305024
Weather	Sunny 65°F	Field Rep.	Ian Godin

TEST DATA

TEST NO.	TEST ELEV. (ft)	IN PLACE DENSITY (pcf)	IN PLACE MOISTURE (%)	IN PLACE PERCENT COMPACTION	SOIL I.D. NO.	MAX LAB DENSITY (pcf)	OPTIMUM MOISTURE (%)	SPECIFIED PERCENT COMPACTION	A	B	C	REMARKS
1	-1	108.1	5.5	96	1	112.4	6.7	95	X			
2	-1	107.2	4.3	95	1	112.4	6.7	95	X			
3	-1	107.5	4.5	96	1	112.4	6.7	95	X			
4	-1	108.5	5.8	97	1	112.4	6.7	95	X			
5	-1	107.2	4.3	95	1	112.4	6.7	95	X			

ELEV/DEPTH REF.: 0 = Planned finish subgrade as indicated by contractor

A - test results comply with density specifications
B - test results DO NOT comply with density specifications
C - test result taken after recompaction

TEST NO.

LOCATION

1-5	see attached sketch
-----	---------------------

FIELD TEST METHOD: ☒ nuclear ☐ sand cone ☐ drive tube

PROCTOR METHOD: ☒ standard ☐ modified

An "rc" in the Soil ID No. column indicates that a rock correction (ASTM D 4718) was applied.

REVIEWED BY: Angela A. Anderson

Packet Pg. 17

Attachment: Engineer Compaction Report - Lift 1 (Shoreland & Floodplain Zoning Map Amendment - Town of Belgium, Section 18)



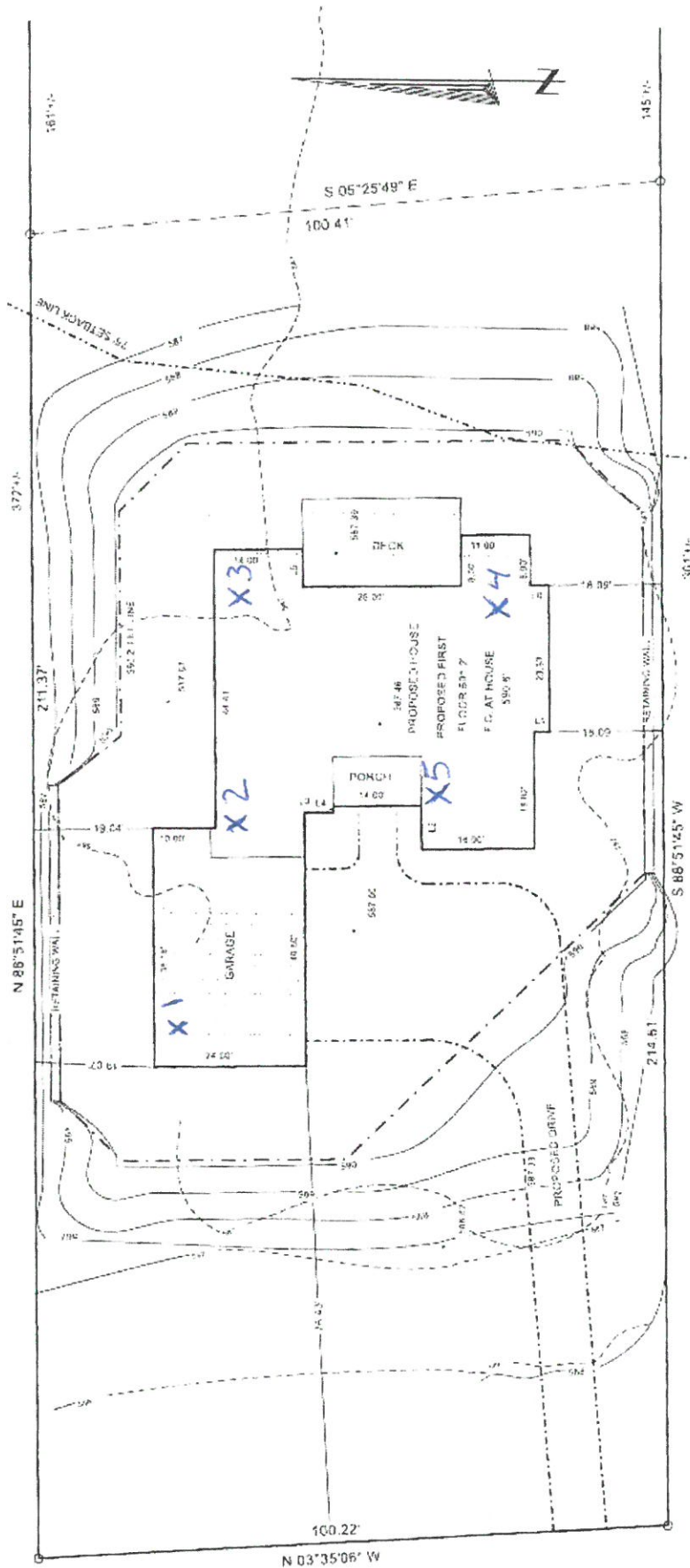
GEOTECHNICAL, ENVIRONMENTAL, AND
CONSTRUCTION MATERIALS CONSULTANTS
ENGINEERING ASSOCIATES, INC.

LOCATION SKETCH

DENSITY TESTING



NORTH



Project Chris and Carol Brown Residence
6300 Sauk Trail Road
Belgium, WI

Client Matt Manzeck Construction, Inc.
270 Elevator Lane
Belgium, WI 53004

NOT TO SCALE
LOCATIONS APPROXIMATED

Giles Project No. 1M-2305024

Date 5/14/13

6.a.1.e

Attachment: Engineer Compaction Report - Lift 1 (Shoreland & Floodplain Zoning Map Amendment - Town of Belgium, Section 18)



RECEIVED

Project	Chris and Carol Brown Residence 6300 Sauk Trail Road Belgium, WI	Client	Matt Manzeck Construction, Inc 270 Elevator Lane Belgium, WI 53004
Date	June 9, 2023	Giles Project No.	1M-2305024
Weather	Sunny, Breezy, 65°F	Field Rep.	Mary Nemeth

FIELD DENSITY TESTING

As requested by our client, our representative reported to the above-referenced site to perform field density tests on previously placed materials on a spot-check basis.

Visual observations indicated fill consisting of dark brown silt with sand trace gravel (Soil ID No. 1) has been placed in the area of the proposed residence (see attached sketch).

Field density tests were performed by nuclear method at the subgrade surface of approximate EL. 589 feet as provided by contractor's survey control to assess the in-place density and moisture content of the material placed. Test results indicated compaction of at least 95 percent of the maximum dry density as determined by the standard proctor method with moisture contents ranging from 9.3 to 12.6 percent (Report of Field Compaction Tests is attached).

The field density test results indicated compaction of the fill tested this date was in general compliance with the project specifications.

Locations and elevations of tests were assessed in accordance with the accuracy and proximity of provided survey control. Unless otherwise noted, the test locations and elevations were assessed by pacing and hand-level methods.

We make no warranty, express or implied, except that our services were performed in accordance with engineering principles generally accepted at this time and in this location.

REVIEWED BY: Angela Anderson



GEOTECHNICAL, ENVIRONMENTAL, AND
CONSTRUCTION MATERIALS CONSULTANTS

GILES ENGINEERING ASSOCIATES, INC.

**REPORT OF FIELD
COMPACTION TESTS**

6.a.1.f

N8 W22350 JOHNSON DRIVE, SUITE A1 / WAUKESHA, WI
(262) 544-0118 / FAX: (262) 549-5868 / www.gilesengr.com

Project	Chris and Carol Brown Residence 6300 Sauk Trail Road Belgium, WI	Client	Matt Manzeck Construction, Inc. 270 Elevator Lane Belgium, WI 53004
Date	June 09, 2023	Proj. No.	1M-2305024
Weather	Sunny, Breezy, 65°F	Field Rep.	Mary Nemeth

TEST DATA

TEST NO.	TEST ELEV. (ft)	IN PLACE DENSITY (pcf)	IN PLACE MOISTURE (%)	IN PLACE PERCENT COMPACTION	SOIL I.D. NO.	MAX LAB DENSITY (pcf)	OPTIMUM MOISTURE (%)	SPECIFIED PERCENT COMPACTION	A	B	C	REMARKS
1	589	111.6	9.9	97	1rc	115.4	6.7	95	X			
2	589	110.9	12.6	96	1rc	115.4	6.7	95	X			
3	589	109.5	11.5	95	1rc	115.4	6.7	95	X			
4	589	110.8	9.3	96	1rc	115.4	6.7	95	X			
5	589	110.2	10.2	95	1rc	115.4	6.7	95	X			

ELEV/DEPTH REF.: Contractor's survey control

A - test results comply with density specifications
B - test results DO NOT comply with density specifications
C - test result taken after recompaction

TEST NO.	LOCATION
1-5	See attached site sketch

FIELD TEST METHOD: ☒ nuclear ☐ sand cone ☐ drive tube

An "rc" in the Soil ID No. column indicates that a rock correction (ASTM D 4718) was applied.

PROCTOR METHOD: ☒ standard ☐ modified

Nuclear Gauge ID: CPN 30549

(Standardization and calibration data on file.)

REVIEWED BY: Angela A. Anderson

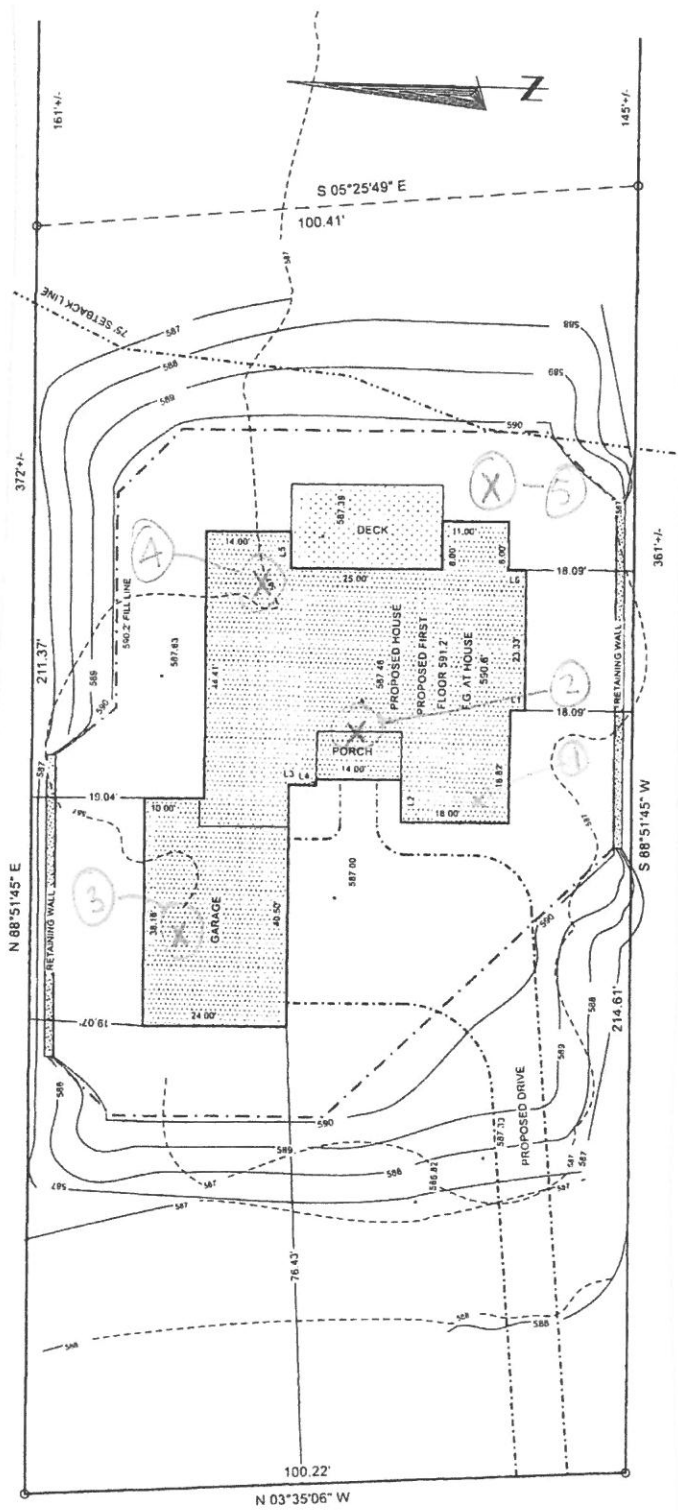
Packet Pg. 20

Attachment: Engineer Compaction Report - Lift 2 (Shoreland & Floodplain Zoning Map Amendment - Town of Belgium, Section 18)



GEOTECHNICAL, ENVIRONMENTAL, AND
CONSTRUCTION MATERIALS CONSULTANTS
ENGINEERING ASSOCIATES, INC.

LOCATION SKETCH
DENSITY TESTING





RECEIVED

Project	Chris and Carol Brown Residence 6300 Sauk Trail Road Belgium, WI	Client	Matt Manzeck Construction, Inc 270 Elevator Lane Belgium, WI 53004
Date	June 28, 2023	Giles Project No.	1M-2305024
Weather	Hazy, 70°F	Field Rep.	Ben Link

FIELD DENSITY TESTING

As requested by our client, our representative reported to the above-referenced site to perform field density tests on previously placed materials on a spot-check basis.

Visual observations indicated fill consisting of brown clay with little silt (Soil ID No. 1) has been placed in the area of the house and garage.

Field density tests were performed by nuclear method at the subgrade surface (approximate elevation 590.2) to assess the in-place density and moisture content of the material placed. Test results indicated compaction of at least 95 percent of the maximum dry density as determined by the standard proctor method with moisture contents ranging from 10.7 to 12.7 percent (Report of Field Compaction Tests is attached).

The field density test results indicated compaction of the fill tested this date was in general compliance with the project specifications.

The contractor was also reminded that the exposed soils are considered sensitive to water increase or construction disturbance. These soils may soften, rut, or become unstable if they become wet or disturbed by construction activity. Therefore, care should be utilized to prevent surface water from ponding. Soils that become soft or unstable require recompaction, stabilization, or replacement before further construction.

Locations and elevations of tests were assessed in accordance with the accuracy and proximity of provided survey control. Unless otherwise noted, the test locations and elevations were assessed by pacing and hand-level methods.

We make no warranty, express or implied, except that our services were performed in accordance with engineering principles generally accepted at this time and in this location.

REVIEWED BY: Geoff Barrientes



GEOTECHNICAL, ENVIRONMENTAL, AND
CONSTRUCTION MATERIALS CONSULTANTS

GILES ENGINEERING ASSOCIATES, INC.

**REPORT OF FIELD
COMPACTION TESTS**

6.a.1.g

N8 W22350 JOHNSON DRIVE, SUITE A1 / WAUKESHA,
(262) 544-0118 / FAX: (262) 549-5868 / www.gilesengr.com

Project	Chris and Carol Brown Residence 6300 Sauk Trail Road Belgium, WI	Client	Matt Manzeck Construction, Inc. 270 Elevator Lane Belgium, WI 53004
Date	June 28, 2023	Proj. No.	1M-2305024
Weather	Hazy, 70°F	Field Rep.	Ben Link

TEST DATA

TEST NO.	TEST ELEV. (ft)	IN PLACE DENSITY (pcf)	IN PLACE MOISTURE (%)	IN PLACE PERCENT COMPACTION	SOIL I.D. NO.	MAX LAB DENSITY (pcf)	OPTIMUM MOISTURE (%)	SPECIFIED PERCENT COMPACTION	A	B	C	REMARKS
1	590.2	109.8	12.7	98	1	112.4	6.7	95	X			
2	590.2	116.1	12.3	100	1	112.4	6.7	95	X			
3	590.2	117.2	12.2	100	1	112.4	6.7	95	X			
4	590.2	115.1	11.7	100	1	112.4	6.7	95	X			
5	590.2	116.2	10.7	100	1	112.4	6.7	95	X			
6	590.2	107.9	16.4	96	1	112.4	6.7	95	X			

ELEV/DEPTH REF.: Elevation per contractor

A - test results comply with density specifications
B - test results DO NOT comply with density specifications
C - test result taken after recompaction

TEST NO.	LOCATION
1-6	See Sketch

FIELD TEST METHOD: ☒ nuclear ☐ sand cone ☐ drive tube

PROCTOR METHOD: ☒ standard ☐ modified **Nuclear Gauge ID:** MD80404216 (Standardization and calibration data on file.)

An "rc" in the Soil ID No. column indicates that a rock correction (ASTM D 4718) was applied.

REVIEWED BY: Geoffrey L. Barrientes

Packet Pg. 23

Attachment: Engineer Compaction Report - Lift 3 (Shoreland & Floodplain Zoning Map Amendment - Town of Belgium, Section 18)

GEOTECHNICAL, ENVIRONMENTAL, AND
CONSTRUCTION MATERIALS CONSULTANTS
ENGINEERING ASSOCIATES, INC.

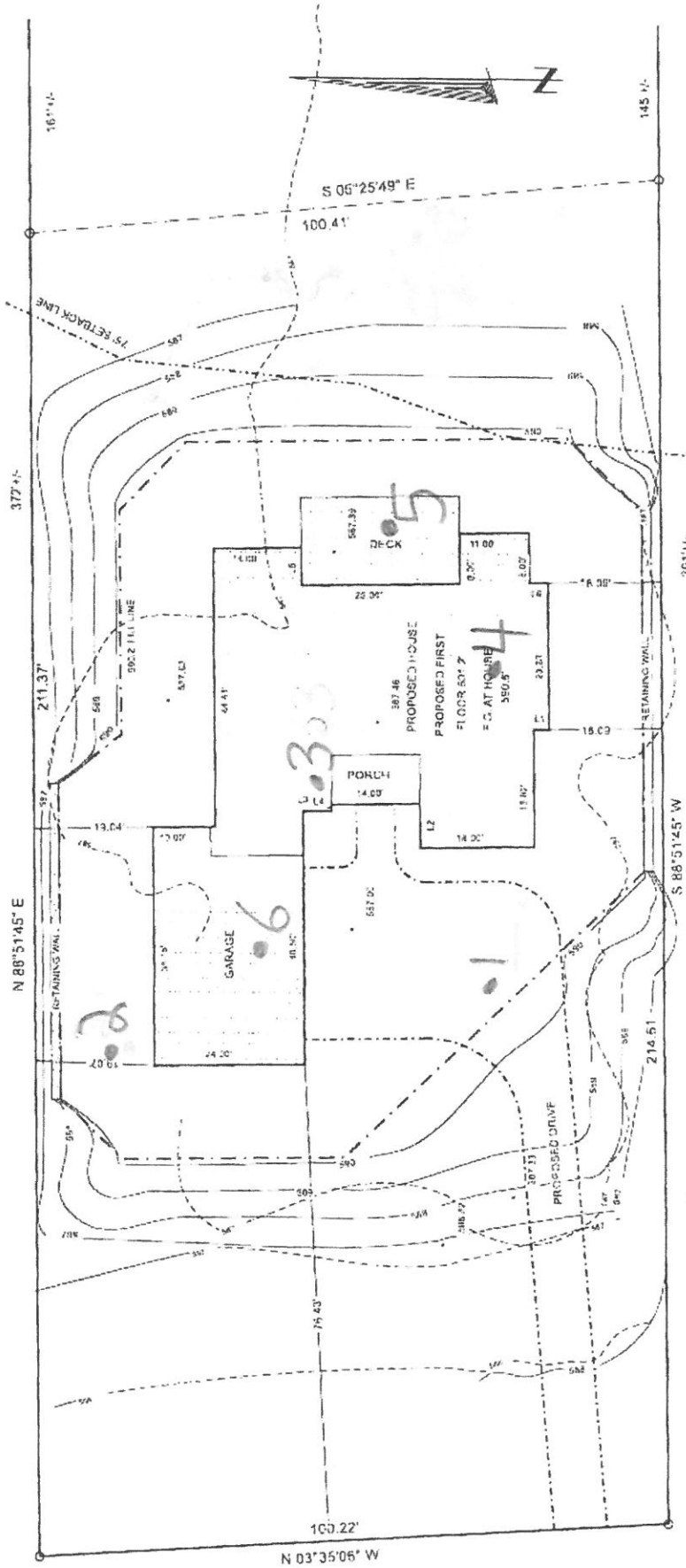


LOCATION SKETCH

Density Testing



NORTH



Project Chris and Carol Brown Residence
6300 Sauk Trail Road
Belgium, WI

Client Matt Manzeck Construction, Inc.
270 Elevator Lane
Belgium, WI 53004

NOT TO SCALE
LOCATIONS APPROXIMATED

Giles Project No. 1M-2305024

ORDINANCE NO. (ID # 9459)

SHORELAND & FLOODPLAIN ZONING MAP AMENDMENT - TOWN OF CEDARBURG,
SECTION 21

The Ozaukee County Board of Supervisors does ordain that the County Shoreland and Floodplain Zoning Map be amended in accordance with Section 7.1300 of the Ozaukee County Code of Ordinances to indicate a Zoning Classification Change from Shoreland-Wetland to Shoreland.

Affecting the following described real estates: **Town of Cedarburg**, T10N-R21E in the NW ¼ and the NE ¼ of the NW ¼, Section 21 T10N-R21E, Lot 1 CSM #3997 Doc. 1050182.

Tax Key #03-021-05-005.00, Property address: 8611 State Road 60, Cedarburg WI 53012

This Ordinance shall take effect upon enactment and publication.

Dated at Port Washington, Wisconsin, this 6th day of September 2023.

SUMMARY: Shoreland and Floodplain Zoning Map Amendment, Town of Cedarburg, Section 21

VOTE REQUIRED: Majority

NATURAL RESOURCES COMMITTEE

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE:	August 3, 2023
DEPARTMENT:	Land and Water Management
DIRECTOR:	Katie Vogeler
PREPARER:	Katie Vogeler

Agenda Summary Shoreland & Floodplain Zoning Map Amendment - Town of Cedarburg, Section 21

BACKGROUND INFORMATION: Request by Eric Ryer, Town of Cedarburg Administrator as Agent for Town of Cedarburg, as owner, to petition the Natural Resources Committee for a Zoning Classification change Shoreland-Wetland to Shoreland in the Shoreland District, per Section 7.1300 of the Ozaukee County Shoreland & Floodplain Zoning Ordinance, to reflect the results of a wetland delineation report and survey.

Affecting the following described real estates: **Town of Cedarburg**, T10N-R21E in the NW ¼ and the NE ¼ of the NW ¼, Section 21 T10N-R21E, Lot 1 CSM #3997 Doc.1050182.

Tax Key #03-021-05-005.00, Property address: 8611 State Road 60, Cedarburg WI 53012

ANALYSIS: Per Section 7.1105 of the County Shoreland and Floodplain Zoning Ordinance, any change in wetland delineations shown on a Shoreland and Floodplain Zoning District 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 wetland delineation as a result of the reports by Wetland & Waterway Consulting LLC, on May 17, 2023.

ATTACHMENTS:

- Rezoning Application (PDF)
- Property Location Map (PDF)
- Plat of Survey (PDF)
- Aerial Map - Current Shoreland Zoning, Floodplain, Wetland (PDF)
- Town of Cedarburg Hwy 60- Wetland Report (PDF)



RECEIVED

JUN 14 2023

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

6.a.2.a

PETITION TO CHANGE ZONING CLASSIFICATION

TO THE OZAUKEE COUNTY NATURAL RESOURCES COMMITTEE:

Ladies & Gentlemen:

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:	Town of Cedarburg
Telephone Number:	262-377-4509
E-Mail Address:	eryer@townofcedarburgwi.gov
Mailing Address:	1293 Washington Ave.
City, State, Zip:	Cedarburg, WI 53012
Project Address (if different than mailing address):	8611 5TH 60

Agent:	ERIC RYER - Administrator
Telephone Number:	262-377-4509 x4
E-Mail Address:	Same
Mailing Address:	Same
City, State, Zip:	Same

Tax Key Number:	030210500500
-----------------	--------------

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

NW + NE 1/4 Sec. 21 T10N, R21E

Lot Number:	1	Block Number:	2/4	Subdivision Name or CSM #	# 3997 Dec. 1050182
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Additional Information:

This is to recognize the wetland delineation report conducted by Wetland + Waterway Consulting LLC May 24, 2023.

NOTICE TO PETITIONERS:

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

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

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

(continue on page 2)

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

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

Packet Pg. 27

Attachment: Rezoning Application (Town Of Cedarburg Wetland Re-Zoning Ordinance Amendment)

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."

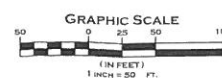
Signature (Owner/Agent): 	Date: 6-14-23	Petition Fee: NA Petition Date: 6-14-23
(For Department use only)		Check / Receipt Number: 
Date of NR Committee Approval:	Date of County Board Approval:	
Comments:		



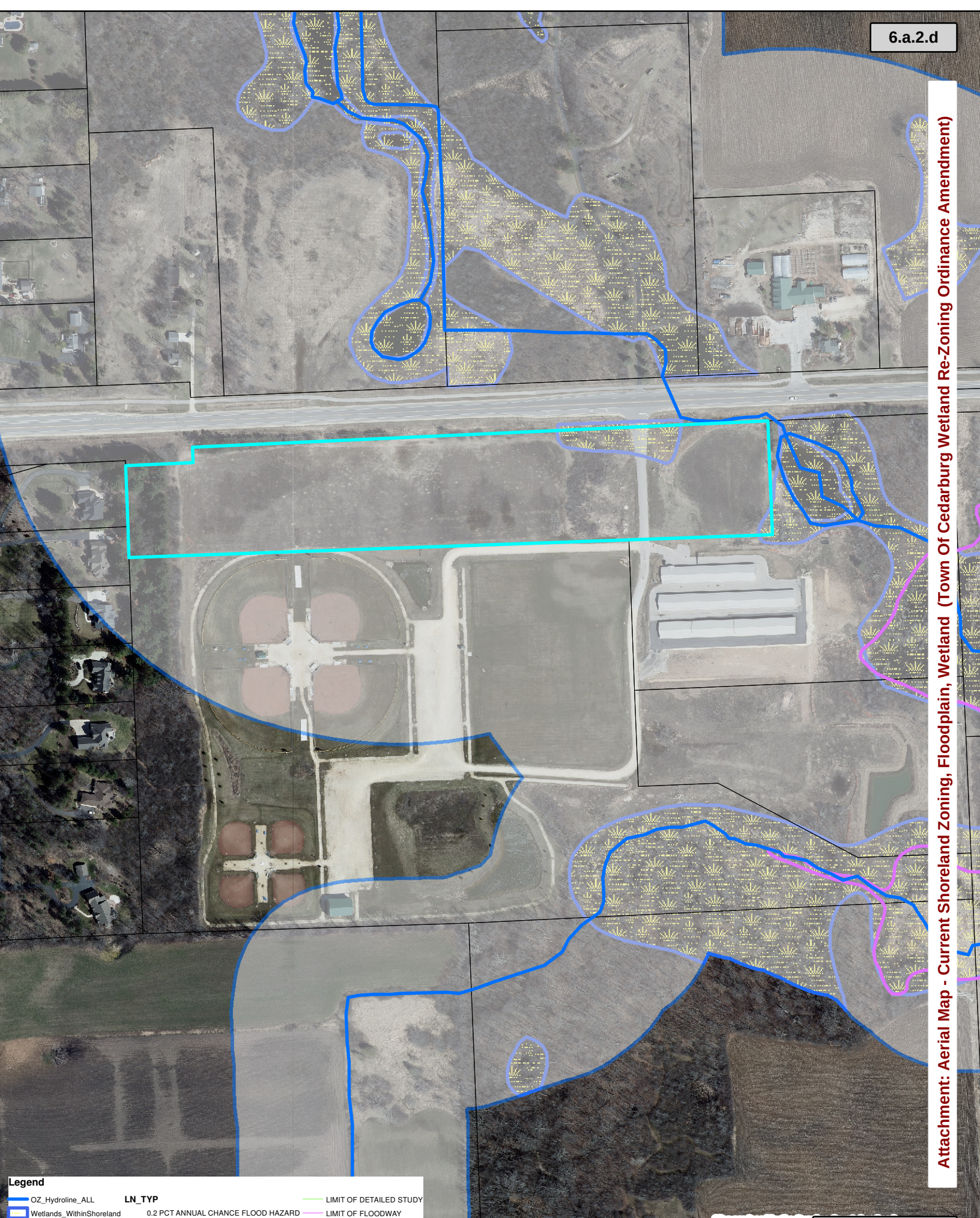
www.DiggerstHotline.com
DIGGERS HOTLINE
 DIAL 811 OR (800) 242-8511



- [illegible]



DRAWN BY: RAP	DATE: 12/23/2022
CHECKED BY: MJB	DRAWING No. EC - 1
CSE JOB No.: 22 - 111	SHEET 1 OF 1



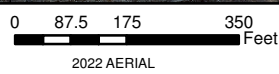
Legend

- OZ_Hydroline_ALL
- Wetlands_WithinShoreland
- Wetlands_OpenWater
- s_fld_haz_ln
- <all other values>

LN_TYP

- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- 1 PCT ANNUAL CHANCE FLOOD HAZARD
- END OF SPATIAL EXTENT
- FLOODWAY

- LIMIT OF DETAILED STUDY
- LIMIT OF FLOODWAY
- LIMIT OF STUDY
- ZONE BREAK



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



Wetland & Waterway Consulting, LLC

Dave Meyer

S83 W23915 Artesian Avenue • Big Bend, WI 53103

262-719-4286 • Fax 262-364-2197

E-Mail • dave@wetlandwi.com

June 25, 2023

Mark Hertzfeldt
Design 2 Construct
N173W21010 Northwest Passage
Jackson, WI 53037

Dear Mr. Hertzfeldt:

Wetland & Waterway Consulting (WWC) has conducted a wetland delineation on property located in Sec. 21, T10N, R21E, Town of Cedarburg, Ozaukee County. The delineation was conducted on May 17, 2023 at your request. This site is under consideration for future development; therefore, location of the wetlands prior to construction is necessary. The purpose of the delineation was to identify and flag all wetlands within the boundaries identified on the attached maps.

The parcel is 10.900 acres (Tax Key Number 030210500500) located at 8611 WI-60 Trunk Highway. The predominant land cover for this property is old field and wetland.

INTRODUCTION

Dave Meyer, the owner of WWC, is an independent environmental consultant providing environmental permitting services, site assessments, wetland delineations, and planning advice. He obtained a master's degree in Natural Resources Management from Southern Illinois University-Carbondale in 1977. Mr. Meyer has held technical and administrative positions in wetland and water resources specialties with the Wisconsin Department of Natural Resources and the U.S. Army Corps of Engineers. He has satisfactorily completed the Reg IV Wetland Delineation training offered by the U.S. Army Corps of Engineers, the Advanced Wetland Delineation training conducted by the University of Wisconsin-LaCrosse in 2002 and 2007, the USACOE/WIDNR 1987 Wetland Delineation Manual Midwest Region Supplement Training in 2009, the USACOE/WIDNR 1987 Wetland Delineation Manual Northcentral/Northeast Region Supplement Training in 2010, the Basic Hydric Soil ID training conducted by the University of Wisconsin-LaCrosse in 2011, the Wetland Training Institute's Advanced Hydrology for Jurisdictional Determinations in 2016, and the SEWRPC Environmental Corridor Delineation Workshops in 2004 and 2015. Mr. Meyer is recognized by the Wisconsin Department of Natural Resources as an Assured Delineator.

Kristi Sherfinski, the lead delineator for this project, is also recognized as an Assured Wetland Delineator with the Wisconsin Department of Natural Resources (WDNR). She has over 20 years of experience delineating wetlands in the Great Lakes Region. She received her initial basic wetland training at the Wetland Training Institute in Hastings, Michigan in 2002. Kristi worked as a project manager and wetland delineator at JFNew & Associates in Grand Haven, Michigan for six years, conducting wetland delineations in Michigan, Indiana, Illinois, and Wisconsin. Kristi then moved to Wisconsin to work for the Southeastern Wisconsin Regional Planning Commission (SEWRPC) with Dr. Donald Reed. At SEWRPC, Kristi updated the Wisconsin Wetland Inventory (WWI) in 2005 and in 2010 for the seven-county area of southeast Wisconsin. Kristi participated in the Advanced Wetland Delineation training in 2006. In 2009, she attended the Wetland Delineation USACE Regional Supplement training session, the Environmental Corridor Delineation Workshop, and the Farm Service Agency (FSA) Slide Review training session. After working at SEWRPC for seven years, Kristi worked as an environmental specialist at JSD Professional Services, Inc. for two years, before she started her own consulting business.

Kristi Sherfinski conducted the wetland delineation field work on May 17, 2023. Field conditions on May 17 were sunny with air temperatures in the 60s (°F).

METHODS

The process of wetland delineation involves collecting information about the soils, vegetation, and hydrology of a site in order to determine where the wetland boundary is located. The methodology used to conduct the delineation followed the US Army Corps of Engineers Wetlands Delineation Manual (1987), and the appropriate Regional Supplement to the Corps of Engineers Wetland Delineation Manual. In general, in southeastern and western Wisconsin, the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0, August, 2010) is used. The remaining portions of the state follow the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region (Version 2.0, January, 2012). At this site, the Northcentral and Northeast Region manual was used.

Prior to the site visit, several sources of data are consulted to reveal information that will aid in locating wetlands on the site. The sources reviewed include weather records to determine antecedent hydrologic conditions, the Wisconsin Wetland Inventory (WWI) map, the soil survey map, a topographic map, and historic aerial photographs of the project area. In areas that are under active cultivation as farmland, a Farm Service Agency (FSA) Slide Review is also conducted if hydric soils are mapped.

Data sample points are chosen based on the potential wetland areas identified by reviewing the above-referenced sources, and other sample points are added based on information gathered while in the field. Sample points are chosen on either side of the wetland line for their ability to

reveal information about the actual location of the line, and upland reference data samples are chosen in order to show the contrast between wetland and upland field conditions.

Once a data sample point is chosen and located in the field, data is collected on the vegetation, the hydrology, and the soils of the site. Vegetation is identified by strata (tree, shrub, herbaceous, and vine layers), and an aerial coverage percent is determined for each species by layer. The plot size for the tree, shrub, and vine layers is a 30-foot radius circle, and the plot size for the herbaceous layer is a 5-foot radius circle. The scientific names and wetland status of each plant species follows the National Wetland Plant List (2018). Once all species have been assigned a cover percentage, the dominance by wetland indicator plant species is assessed.

Hydrological indicators, as described in the Regional Supplements, are then listed for the sample point. A soil pit is excavated to required depths, saturation, and the water table is recorded. The soil profile at the sample point is also described, using the Munsell Soil-Color Charts (2009) to assess the color of the soil, and a texture analysis to determine the predominant texture of each soil layer. This data is used to determine if the soil profile meets the hydric soil indicators as defined in the Regional Supplements and the Field Guide for Identifying Hydric Soils V. 8.2 (USDA, 2018).

Once the location of the wetland line is determined from the data sampling effort, the edge of the wetland is flagged in the field and then surveyed in order to produce a map of the wetland that occurs on the subject property. Representative photographs of the sample points and of each wetland area were taken during the field visit. Any ditch, stream, pond or other water body that may be considered a Water of the U.S. and thus regulated by the U.S. Army Corps of Engineers (USACE) or the Wisconsin Department of Natural Resources (WDNR) is also identified.

RESULTS AND DISCUSSION

Antecedent Hydrologic Condition Analysis

Weather records were consulted from the Germantown WWTP weather station to determine if precipitation levels were normal (based on 1990-2020) for the three months prior to the site visit. The antecedent hydrologic condition analysis for the site revealed that climatic conditions near the site were normal at the time of the site visit (**Table 1**). Drier than normal conditions means that hydrologic indicators may be absent from the wetland sample points and the data must be interpreted accordingly. Wetter than normal conditions must be accounted for when interpreting the data because saturation or the water table may be higher than it is during normal conditions, giving false positives for hydrological indicators.

Table 1 – Antecedent Hydrologic Condition Analysis

Month	3 yrs in	3 yrs in	Rain	Condition	Condition	Month	Product
-------	----------	----------	------	-----------	-----------	-------	---------

	10 Less Than* (inches)	10 More Than* (inches)	Fall (inches)	Dry, Wet, Normal	Value	Weight Value	of Previous Two Columns
April	2.62	4.52	2.90	Normal	2	3	6
March	1.15	2.34	2.02	Normal	2	2	4
February	0.82	1.67	3.48	Wet	3	1	3
						Sum	13
If sum is:							
6-9	Then prior period has been drier than normal						
10-14	Then prior period has been normal						
15-18	Then prior period has been wetter than normal						
Conclusions:	A sum of 13 shows the prior period to the site visit to be normal.						

*Averages based on the 1990-2020 data.

Review of Existing Data Sources

Existing data sources were reviewed to aid in the identification of wetland areas in the field.

The topographic map shows a gently rolling landscape that generally slopes to the east. The high point of the project area at the west boundary is 885 feet in elevation above Mean Sea Level. The low points of the property occur at 873 feet in elevation in the wetland areas to the east.

The soil survey map shows five different soil types. The Pella silt loam soil type is Predominantly Hydric. Martinton and Ozaukee silt loam soil types are both Predominantly Non-hydric but may include a small amount of hydric soil types in depressions. The remaining soils were non-hydric. All of the soil types occurring on the property are listed in **Table 2**.

Table 2 – Soil Types

Map Symbol	Map Unit Name	Hydric Soil Type
HmD2	Hochheim loam, 12-20%	Non-hydric
MgA	Martinton silt loam, 1-3%	Predominantly Non-hydric
OuB2	Ozaukee silt loam, 2-6%	Predominantly Non-hydric
Ph	Pella silt loam, 0-2%	Predominantly Hydric
ZuB2	Zurich silt loam, 2-6%	Non-hydric

The Wisconsin Wetland Inventory identifies a T3/E1K, forested/emergent wetland, in the southeast corner of the parcel. There is also an E3H, emergent wetland, along the north edge of the property which falls to either side of the driveway.

A previous wetland delineation map was available for work done several years ago by TRC prior to when the sports complex was developed. Several wetlands are shown within the project boundaries at this time. It appears that portions of some of these wetlands were filled when the sports complex was developed, so the former delineation boundaries do not match exactly with what they are today.

Historic aerial photographs show that the site agricultural with tree plantings along the west edge. An old farmstead was originally located where the driveway now is. The sports complex was built to the south sometime between 2015 and 2020. Also at this time, the agricultural field was allowed to go fallow.

Wetlands Identified During the Site Visit

A total of six wetlands were identified on the property during the field visit. A description of each wetland follows.

Wetland A is a wetland complex consisting of an emergent wetland ditch, connected to a wet meadow wetland near the midpoint of the property, and transitions to a forested/emergent wetland near the driveway.

DP1 was taken in the roadside ditch. The dominant species were hybrid cattail and tussock sedge. Soils met the hydric soils criteria for A11. Depleted Below Dark Surface, F3. Depleted Matrix, and F6. Redox Dark Surface. The ditch was saturated at the surface and the water table was at 7 inches. The signs of wetland hydrology included Saturation, High Water Table, Drainage Patterns, Geomorphic Position, and FAC-Neutral Test. The adjacent upland point (DP2) was located on a hillslope in old field. The dominant species were Norway spruce, hybrid honeysuckle, common buckthorn, and tall goldenrod. Soils consisted of 10 inches of silty clay loam over gravel fill and did not meet any hydric soil indicator. There were no signs of wetland hydrology.

DP3 was taken in a depressional area that dipped south of the ditch into the old field. The dominant plant species was reed canary grass. Soils met the hydric soils criteria for A11. Depleted Below Dark Surface and F6. Redox Dark Surface. Signs of wetland hydrology included Geomorphic Position and FAC-Neutral-Test. The adjacent upland point (DP4) was located on a slight convex rise in old field about 18 inches higher than the wetland. The dominant species were red clover and tall goldenrod. Soils did not meet any hydric soil indicators. There were no signs of wetland hydrology.

DP10 was taken in the forested/emergent wetland at the east side of the complex and where the WWI had a mapped E3H. The dominant species were black willow, American elm, common buckthorn, silver maple, hybrid honeysuckle, and reed canary grass. Soils met the hydric soils criteria for A11. Depleted Below Dark Surface, F3. Depleted Matrix, and F6. Redox Dark Surface.

There was one inch of surface water and signs of wetland hydrology included Surface Water, Drainage Patterns, Geomorphic Position, and FAC-Neutral Test. The upland point DP9 was located on a fill pile about three feet higher than the wetland. The dominant species were common violet and tall goldenrod and the Prevalence Index was 3.82, indicating an upland community. Soils consisted of 10 inches of silty clay loam over rubble fill and did not meet any hydric soil indicators. There were no signs of wetland hydrology.

Wetland B is a disturbed wet meadow wetland pocket. The dominant plants in DP5 were common spikerush and brown fox sedge. Soils met the hydric soils criteria for A11. Depleted Below Dark Surface and F6. Redox Dark Surface. Signs of hydrology included Surface Soil Cracks, Crayfish Burrows, Geomorphic Position, and FAC-Neutral Test. Upland point DP6 was located on a convex rise between Wetlands B and C. The dominant species was tall goldenrod. Soils did not meet any hydric soil indicators and there were no signs of wetland hydrology.

Wetland C is another disturbed wet meadow wetland pocket. The dominant plants in DP7 were common spikerush and brown fox sedge. Soils met the hydric soils criteria for A11. Depleted Below Dark Surface and F6. Redox Dark Surface. Signs of hydrology included Surface Soil Cracks, Crayfish Burrows, Geomorphic Position, and FAC-Neutral Test. Upland point DP8 was located on a slight rise east of Wetland C. The dominant species were tall goldenrod and creeping Charlie. Soils did not meet any hydric soil indicators and there were no signs of wetland hydrology.

Wetland D is a disturbed wet meadow pocket that used to be connected to Wetland E before fill was placed for a new road when the sports complex was built. The dominant plants were green ash, common buckthorn, reed canary grass, common spikerush, and Kentucky bluegrass. Soils met the hydric soils criteria for A11. Depleted Below Dark Surface and F6. Redox Dark Surface. Signs of hydrology included Geomorphic Position and FAC-Neutral Test. Upland point DP12 was located on a slight rise between Wetlands D and E. The dominant species were common buckthorn, tall goldenrod and Kentucky bluegrass. Soils did not meet any hydric soil indicators and consisted of 14 inches of soil over rubble fill material. There were no signs of wetland hydrology.

Wetland E is a disturbed wet meadow pocket that used to be connected to Wetland D before fill was placed for a new road when the sports complex was built. The dominant plants were silver maple, wild black currant, common buckthorn, and reed canary grass. Soils met the hydric soils criteria for A11. Depleted Below Dark Surface and F6. Redox Dark Surface. Signs of hydrology included Geomorphic Position and FAC-Neutral Test. Upland point DP12 was located on a slight rise between Wetlands D and E. The dominant species were common buckthorn, tall goldenrod and Kentucky bluegrass. Soils did not meet any hydric soil indicators and consisted of 14 inches of soil over rubble fill material. There were no signs of wetland hydrology.

Wetland F is wetland complex that consists of an emergent wetland located just east of the driveway mapped as E3H in the WWI and is connected to a forested/emergent wetland in the southeast corner of the property mapped as T3/E1K in the WWI. DP15 was taken in emergent

wetland on the west side of the complex. The dominant plant was common reed grass. There was one inch of standing water in the feature. Signs of hydrology included Surface Water, Drainage Patterns, Geomorphic Position, and FAC-Neutral Test. Upland point DP14 was located on an area that was filled due to the road construction and just south of Wetland F. The dominant species were tall goldenrod and Kentucky bluegrass. Soils did not meet any hydric soil indicators and consisted of 12 inches of soil over gravel fill material. There were no signs of wetland hydrology.

DP16 was taken in the forested/emergent wetland in the southeast corner of the project area in a slight swale that is connected to the larger wetland complex. The dominant species were Eastern cottonwood, green ash, common buckthorn, and reed canary grass. Soils met the hydric soil criteria for F3. Depleted Matrix. The soils were saturated at the surface and the water table was at 12 inches. Signs of hydrology included High Water Table, Saturation, Drainage Patterns, Geomorphic Position, and FAC-Neutral Test. A second upland data point (DP17) was located near the southeast corner of the property near the forested/emergent wetland. The dominant species were common buckthorn, tall goldenrod and Kentucky bluegrass. Soils did not meet any hydric soil indicators. There were no signs of wetland hydrology.

CONCLUSION

The wetland lines staked in the field and referred to in this report are the best estimate of the wetland boundaries based on the conditions present at the time of delineation. The wetlands identified for this report may be subject to federal regulation under the jurisdiction of the U.S. Army Corps of Engineers, state regulation under the jurisdiction of Wisconsin DNR, and local jurisdiction under your local, county, town, city, or village. Because this delineation was conducted by Ms. Sherfinski, an Assured Delineator, obtaining a concurrence letter from the Wisconsin Department of Natural Resources is not necessary. Concurrence with these wetland lines by the U.S. Army Corps of Engineers is not necessary. In addition, because a wetland delineation is considered to be a point in time determination, wetland delineations are considered to be valid for a period of only five years for federal wetlands and 15 years for nonfederal wetlands. Permit applications may be submitted at the federal and state levels after a delineation is completed, with the request to review the delineation report and make a determination as to which, if any, wetlands on the site are nonfederal wetlands. Weather patterns and site conditions can change over time, making a new delineation necessary. If a USACOE permit is being sought for this project, this wetland delineation report will be reviewed during the permit application process. If the USACOE has questions about, or issues with this report, they will not issue their permit(s) until those issues are resolved. Activities affecting wetlands or surface waters may require permits from the U.S. Army Corps of Engineers, the Wisconsin Department of Natural Resources, and local municipal authorities. The client must obtain authorization from all proper regulatory authorities before altering, modifying, or using the property. If the required authorizations are not obtained, Wetland & Waterway Consulting, LLC shall not be liable or responsible for any resulting damages.

Sincerely,



Dave Meyer



Kristi Sherfinski

Attachments

1. Literature Cited
2. Location map
3. USGS topo maps
4. Soil Survey maps
5. Wisconsin Wetland Inventory map
6. Previous Delineation map
7. Historical Aerial Photographs
8. Site photographs
9. Data Points
10. Wetland boundary map

LITERATURE CITED

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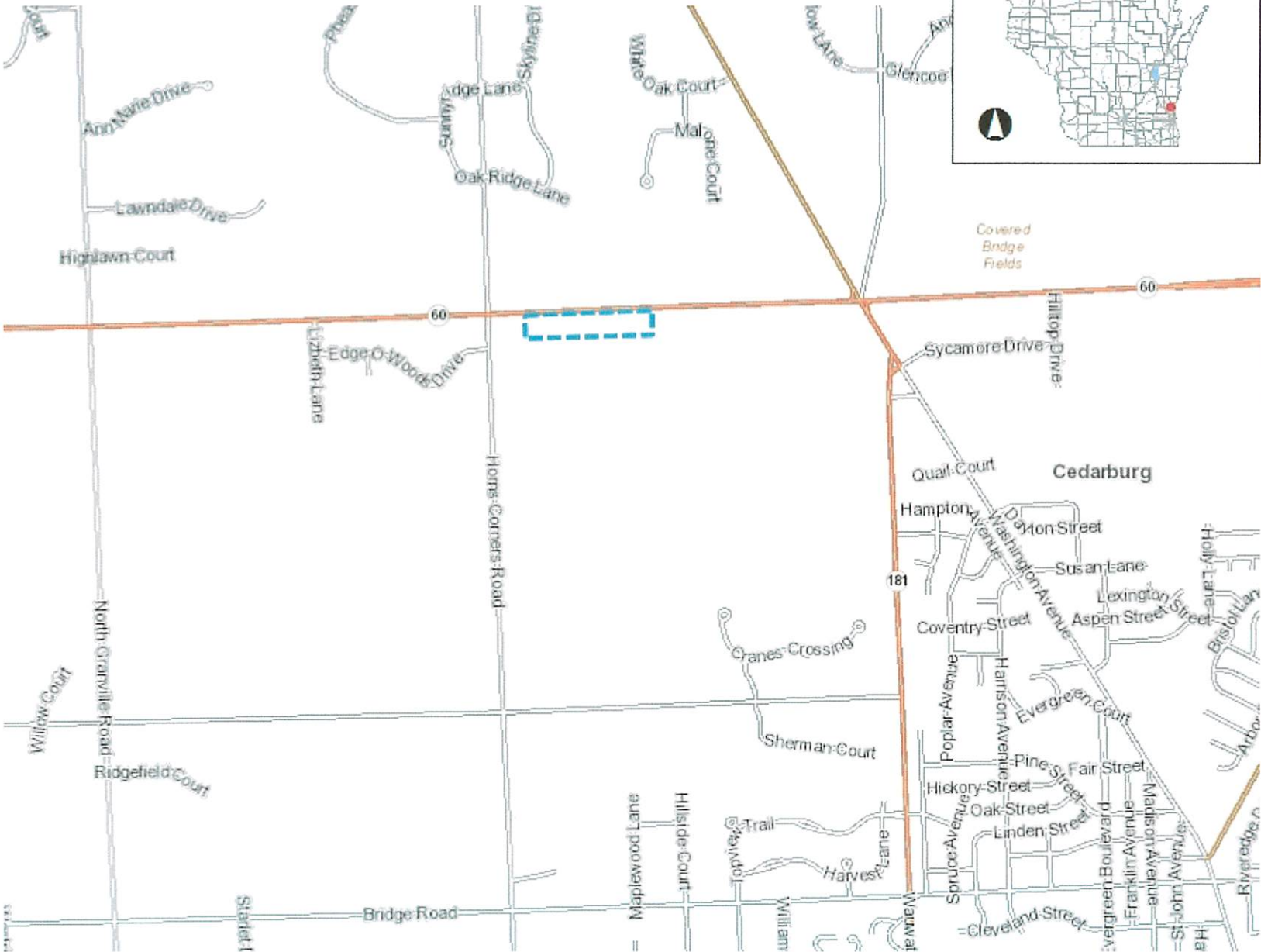
USDA Natural Resources Conservation Service. Web Soil Survey. Online: www.websoilsurvey.sc.egov.usda.gov.

Wisconsin DNR Surface Water Data Viewer (SWDV). Online: www.dnr.wi.gov/topic/surfacewater/swdv/.



Surface Water Data Viewer Map

6.a.2.e



- Legend**
- Municipality
 - State Boundaries
 - County Boundaries
 - Major Roads
 - Interstate Highway
 - State Highway
 - US Highway
 - County and Local Roads
 - County HWY
 - Local Road
 - Railroads
 - Tribal Lands

0.8 0 0.38 0.8 Miles

NAD_1983_HARN_Wisconsin_TM

1: 23,760

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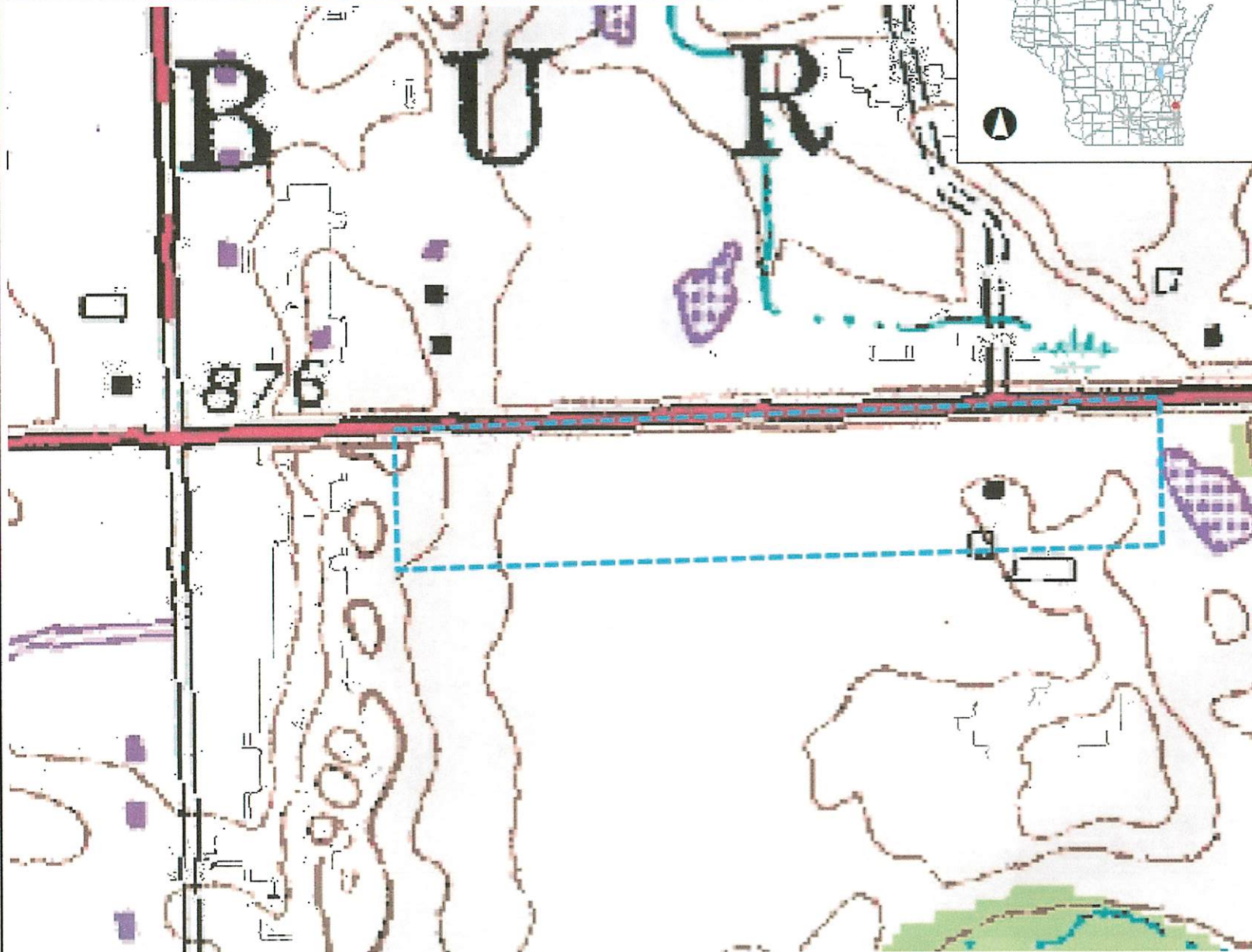
Notes



Surface Water Data Viewer Map

6.a.2.e

Legend



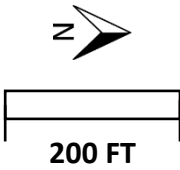
0.1 0 0.06 0.1 Miles

NAD_1983_HARN_Wisconsin_TM

1: 3,960

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Notes



TOPOGRAPHIC MAP

Source: Ozaukee County GIS, 2023



Surface Water Data Viewer Map

6.a.2.e

Legend

NRCS Wisconsin Soils

Soil Mapping Unit

Water



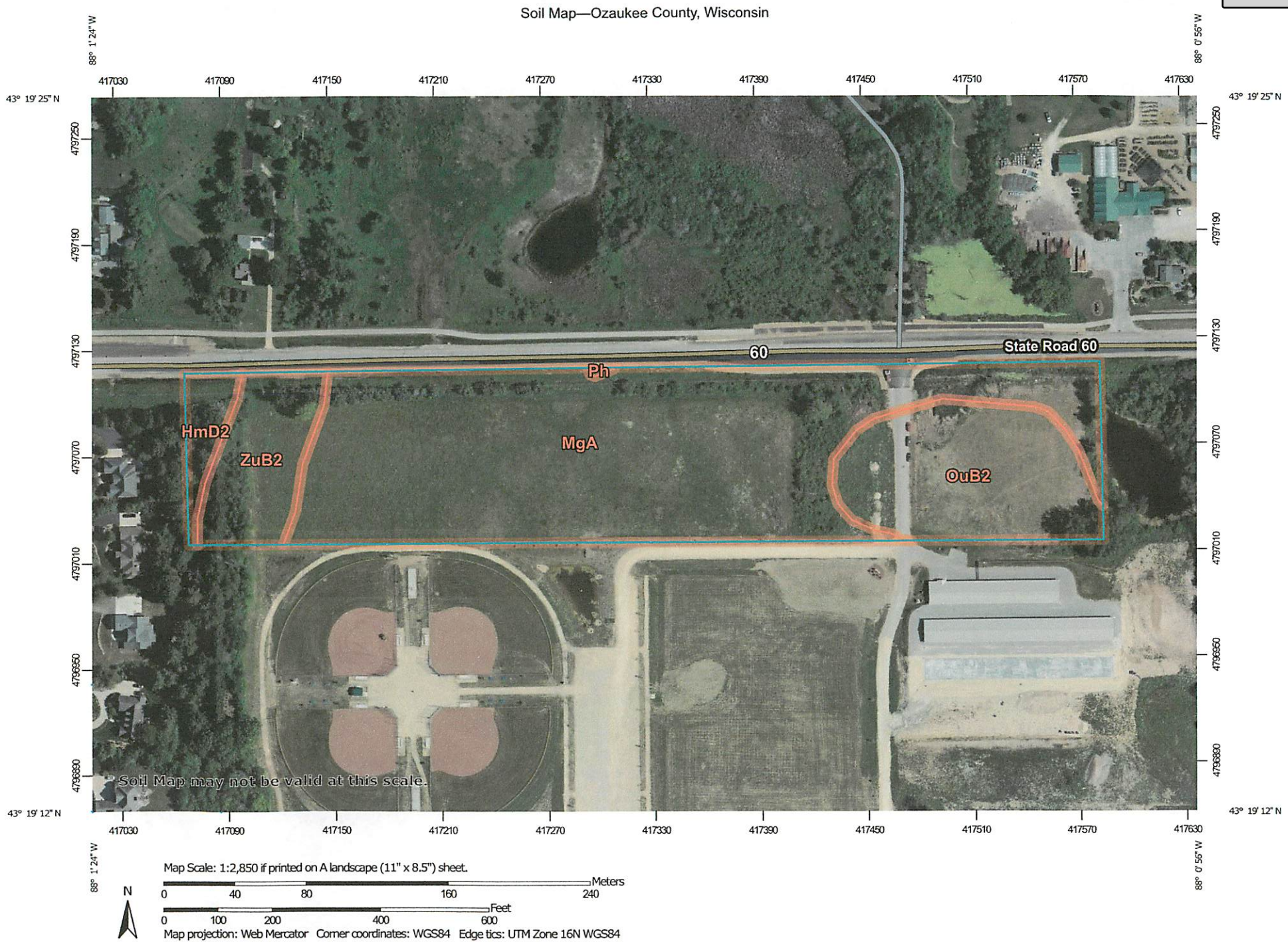
0.1 0 0.06 0.1 Miles

NAD_1983_HARN_Wisconsin_TM

1: 3,960

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Notes



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
HmD2	Hochheim loam, 12 to 20 percent slopes, eroded	0.4	3.2%
MgA	Martinton silt loam, 1 to 3 percent slopes	8.5	67.3%
OuB2	Ozaukee silt loam, high carbonate substratum, 2 to 6 percent slopes, eroded	2.5	19.6%
Ph	Pella silt loam, 0 to 2 percent slopes	0.0	0.1%
ZuB2	Zurich silt loam, 2 to 6 percent slopes, eroded	1.2	9.8%
Totals for Area of Interest		12.6	100.0%

Report—Hydric Soil List - All Components

Hydric Soil List - All Components--WI089-Ozaukee County, Wisconsin					
Map symbol and map unit name	Component/Local Phase	Comp. pct.	Landform	Hydric status	Hydric criteria met (code)
HmD2: Hochheim loam, 12 to 20 percent slopes, eroded	Hochheim-Eroded	80-91	Drumlins	No	—
	Theresa	6-12	Drumlins	No	—
	Hochheim	3-8	Drumlins	No	—
MgA: Martinton silt loam, 1 to 3 percent slopes	Martinton	86-95	Glacial lakes (relict), drainageways	No	—
	Poygan	5-14	Depressions	Yes	2,3
OuB2: Ozaukee silt loam, high carbonate substratum, 2 to 6 percent slopes, eroded	Ozaukee-High carbonate substratum, eroded	92-100	Ground moraines, end moraines	No	—
	Ashkum-Drained	0-5	End moraines, ground moraines	Yes	2
	Urban land	0-3	Ground moraines	No	—
	Orthents, clayey	0-3	Ground moraines	No	—
Ph: Pella silt loam, 0 to 2 percent slopes	Pella	80-91	Drainageways	Yes	2,3
	Kendall	5-9	Drainageways	No	—
	Lamartine	4-8	Drainageways	No	—
	Palms-Muck	1-3	Depressions	Yes	1,3
ZuB2: Zurich silt loam, 2 to 6 percent slopes, eroded	Zurich-Eroded	85-95	Lakebeds (relict)	No	—
	Fox	3-8	Lakebeds (relict)	No	—
	Darroch	2-7	Lakebeds (relict)	No	—

Data Source Information

Soil Survey Area: Ozaukee County, Wisconsin

Survey Area Data: Version 19, Sep 7, 2022



Surface Water Data Viewer Map

6.a.2.e



Legend

- Wetland Class Areas
- Wetland Class Points
 - Dammed pond
 - Excavated pond
 - Filled/draind wetland
 - Wetland too small to delineate
 - Filled excavated pond
- Filled Points
- Wetland Class Areas
- Filled Areas
- Wetland Class Areas
- Wetland Class Points
 - Dammed pond
 - Excavated pond
 - Filled/draind wetland
 - Wetland too small to delineate
 - Filled excavated pond
- Filled Points
- Wetland Class Areas
- Filled Areas
- Wetland Identifications and Confirmations

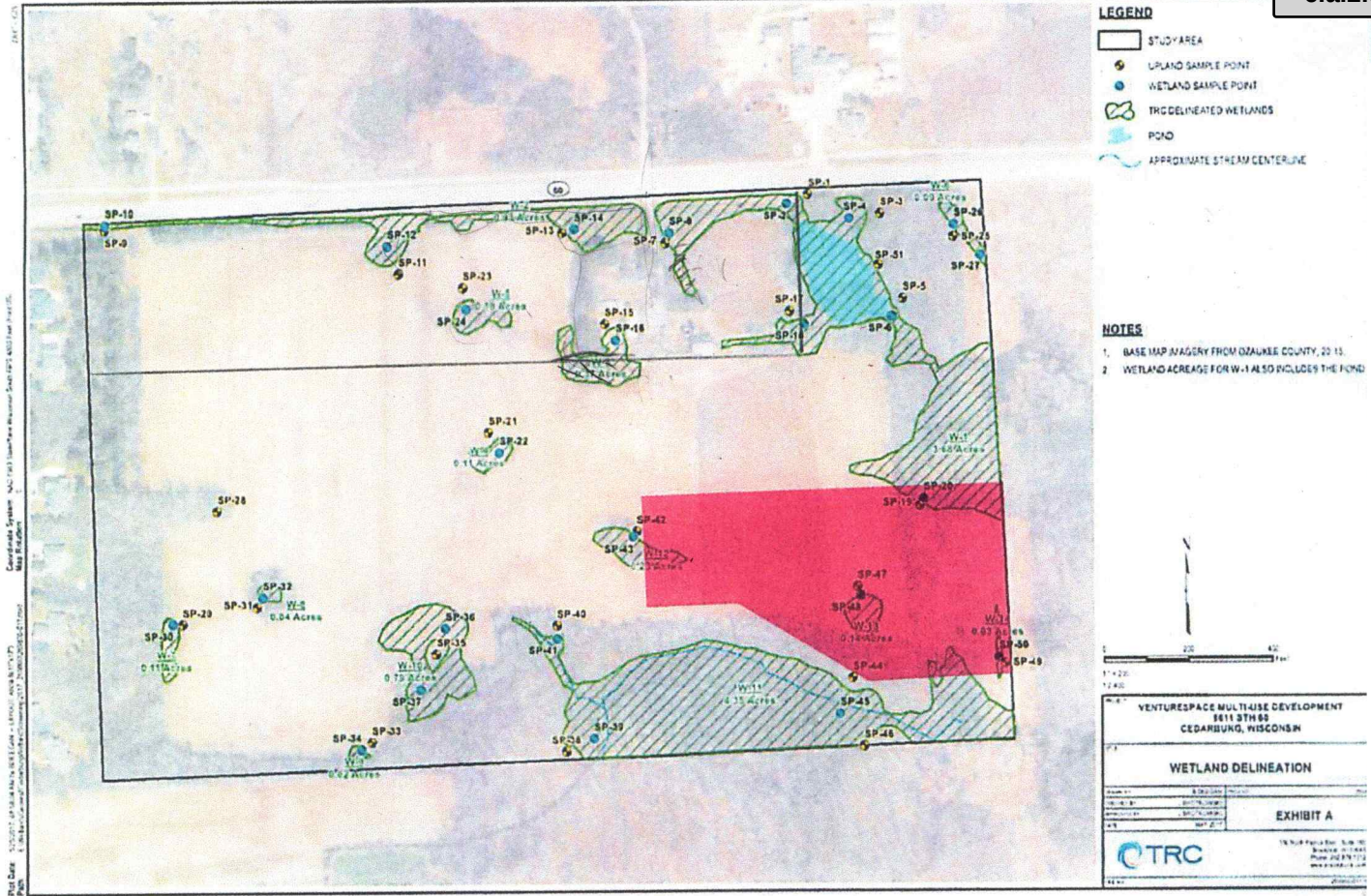
0.1 0 0.06 0.1 Miles

NAD_1983_HARN_Wisconsin_TM

1: 3,960

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Notes





1941.



1950.

HISTORIC AERIAL PHOTOS

Source: Ozaukee County GIS, 2023



1970.



1990.



2000.



2005.

Attachment: Town of Cedarburg Hwy 60- Wetland Report (Town Of Cedarburg Wetland Re-Zoning Ordinance Amendment)

HISTORIC AERIAL PHOTOS

Source: Ozaukee County GIS, 2023



2010.



2015.

Attachment: Town of Cedarburg Hwy 60- Wetland Report (Town Of Cedarburg Wetland Re-Zoning Ordinance Amendment)

HISTORIC AERIAL PHOTOS

Source: Ozaukee County GIS, 2023



2020.



2022.

HISTORIC AERIAL PHOTOS

Source: Ozaukee County GIS, 2023



View of Wetland A where it dips south into the field.



View of Wetland A where it shifts into forested/emergent wetland.

SITE PHOTOS



View of Wetland B.



View of Wetland C.

SITE PHOTOS



View of Wetland D.



View of Wetland E.

SITE PHOTOS



View of Wetland F at its west end.



View of the south side of the Wetland F, where it transitions to forested/emergent wetland.

SITE PHOTOS

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 1
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): roadside ditch Local relief (concave, convex, none): concave
 Slope (%): 0-2 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Martinton silt loam (MgA) NWI Classification: None
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>Y</u>	Is the sampled area within a wetland? <u>Y</u>
Hydric soil present? <u>Y</u>	
Indicators of wetland hydrology present? <u>Y</u>	
If yes, optional wetland site ID: _____	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☒ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
Field Observations: Surface water present? Yes <u>X</u> No <u>X</u> Depth (inches): _____ Water table present? Yes <u>X</u> No _____ Depth (inches): <u>7</u> Saturation present? Yes <u>X</u> No _____ Depth (inches): <u>At surface</u> (includes capillary fringe)		Indicators of wetland hydrology present? <u>Y</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

VEGETATION - Use scientific names of plants

Sampling Point: 1

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0 = Total Cover		

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0 = Total Cover		

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1	<i>Typha x glauca</i>	50	Y	OBL
2	<i>Carex stricta</i>	50	Y	OBL
3	<i>Carex comosa</i>	5	N	OBL
4	<i>Equisetum arvense</i>	2	N	FAC
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
		107 = Total Cover		

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		0 = Total Cover		

50/20 Thresholds

	20%	50%
Tree Stratum	0	0
Sapling/Shrub Stratum	0	0
Herb Stratum	21	54
Woody Vine Stratum	0	0

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: 2 (A)

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

Percent of Dominant Species that are OBL, FACW, or FAC: 100.00% (A/B)

Prevalence Index Worksheet

Total % Cover of:

OBL species	<u>105</u>	x 1 =	<u>105</u>
FACW species	<u>0</u>	x 2 =	<u>0</u>
FAC species	<u>2</u>	x 3 =	<u>6</u>
FACU species	<u>0</u>	x 4 =	<u>0</u>
UPL species	<u>0</u>	x 5 =	<u>0</u>
Column totals	<u>107</u>	(A)	<u>111</u> (B)
Prevalence Index = B/A =		<u>1.04</u>	

Hydrophytic Vegetation Indicators:

 Rapid test for hydrophytic vegetation

☒ Dominance test is >50%

☒ Prevalence index is ≤3.0*

 Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)

 Problematic hydrophytic vegetation* (explain)

*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 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? Y

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

Emergent wetland in roadside ditch.

SOIL

Sampling Point: 1

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

Depth (Inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type*	Loc**		
0-10	10YR 3/1	95	10YR 5/6	5	C	PL/M	silty clay loam	
10-20	10YR 4/2	10	10YR 5/4	10	C	M	silty clay	

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

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

Indicators for Problematic Hydric Soils:

- ☐ 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)

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

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric soil present? Y

Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 2
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex
 Slope (%): 8-10 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Hochheim loam (HmD2) NWI Classification: None
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>N</u>	Is the sampled area within a wetland? <u>N</u>
Hydric soil present? <u>N</u>	
Indicators of wetland hydrology present? <u>N</u>	
If yes, optional wetland site ID: _____	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☐ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
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)		Indicators of wetland hydrology present? <u>N</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

VEGETATION - Use scientific names of plants

Sampling Point: 2

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1 <i>Picea abies</i>		30	Y	UPL
2				
3				
4				
5				
6				
7				
8				
9				
10				
		30	= Total Cover	

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1 <i>Lonicera x bella</i>		30	Y	FACU
2 <i>Rhamnus cathartica</i>		10	Y	FAC
3 <i>Viburnum lentago</i>		5	N	FAC
4 <i>Picea abies</i>		3	N	UPL
5 <i>Cornus alba</i>		1	N	FACW
6				
7				
8				
9				
10				
		49	= Total Cover	

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1 <i>Solidago altissima</i>		50	Y	FACU
2 <i>Lonicera x bella</i>		10	N	FACU
3 <i>Securigera varia</i>		5	N	UPL
4 <i>Toxicodendron radicans</i>		3	N	FAC
5 <i>Taraxacum officinale</i>		2	N	FACU
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
		70	= Total Cover	

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		0	= Total Cover	

50/20 Thresholds

Tree Stratum	20%	50%
Sapling/Shrub Stratum	6	15
Herb Stratum	10	25
Woody Vine Stratum	14	35
	0	0

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across all Strata: 3 (B)

Percent of Dominant Species that are OBL, FACW, or FAC: 33.33% (A/B)

Prevalence Index Worksheet

Total % Cover of:

OBL species	<u>0</u>	x 1 =	<u>0</u>
FACW species	<u>1</u>	x 2 =	<u>2</u>
FAC species	<u>18</u>	x 3 =	<u>54</u>
FACU species	<u>92</u>	x 4 =	<u>368</u>
UPL species	<u>38</u>	x 5 =	<u>190</u>
Column totals	<u>149</u>	(A)	<u>614</u> (B)
Prevalence Index = B/A =			<u>4.12</u>

Hydrophytic Vegetation Indicators:

☐ Rapid test for hydrophytic vegetation

☐ Dominance test is >50%

☐ Prevalence index is ≤3.0*

☐ Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)

☐ Problematic hydrophytic vegetation* (explain)

*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 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? N

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

Old field with planted trees.

SOIL

Sampling Point: 2

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

[illegible]

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

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

Indicators for Problematic Hydric Soils:

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)

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

Restrictive Layer (if observed):

Type: gravel fill

Depth (inches): 10

Hydric soil present? N

Remarks:

Refusal due to gravel fill.

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 3
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave
 Slope (%): 0-1 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Martinton silt loam (MgA) NWI Classification: None
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>Y</u>	Is the sampled area within a wetland? <u>Y</u>
Hydric soil present? <u>Y</u>	
Indicators of wetland hydrology present? <u>Y</u>	
If yes, optional wetland site ID: _____	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☒ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
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)		Indicators of wetland hydrology present? <u>Y</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

VEGETATION - Use scientific names of plants

Sampling Point: 3

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0	= Total Cover	

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0	= Total Cover	

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
		103	= Total Cover	

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		0	= Total Cover	

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

Disturbed wet meadow.

50/20 Thresholds

	20%	50%
Tree Stratum	0	0
Sapling/Shrub Stratum	0	0
Herb Stratum	21	52
Woody Vine Stratum	0	0

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC:	1	(A)
Total Number of Dominant Species Across all Strata:	1	(B)
Percent of Dominant Species that are OBL, FACW, or FAC:	100.00%	(A/B)

Prevalence Index Worksheet

Total % Cover of:			
OBL species	13	x 1 =	13
FACW species	87	x 2 =	174
FAC species	2	x 3 =	6
FACU species	1	x 4 =	4
UPL species	0	x 5 =	0
Column totals	103	(A)	197 (B)
Prevalence Index = B/A =	1.91		

Hydrophytic Vegetation Indicators:

☐	Rapid test for hydrophytic vegetation
☒	Dominance test is >50%
☒	Prevalence index is ≤3.0*
☐	Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)
☐	Problematic hydrophytic vegetation* (explain)
*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 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? Y

SOIL

Sampling Point: 3

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

Depth (Inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type*	Loc**		
0-12	10YR 3/1	95	10YR 4/6	5	C	PL	silty clay loam	
12-20	10YR 5/2	95	10YR 4/6	5	C	M	silty clay	

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

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

Indicators for Problematic Hydric Soils:

- ☐ 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)

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

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric soil present? Y

Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 4
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex
 Slope (%): 3 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Martinton silt loam (MgA) NWI Classification: None
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>N</u>	Is the sampled area within a wetland? <u>N</u>
Hydric soil present? <u>N</u>	
Indicators of wetland hydrology present? <u>N</u>	
If yes, optional wetland site ID: _____	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☐ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
Field Observations: Surface water present? Yes _____ No <u>X</u> Depth (inches): _____ Water table present? Yes _____ No <u>X</u> Depth (inches): _____ Saturation present? Yes _____ No <u>X</u> Depth (inches): _____ (includes capillary fringe)		Indicators of wetland hydrology present? <u>N</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: Approximately 18" higher than wetland.		

VEGETATION - Use scientific names of plants

Sampling Point: 4

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0 = Total Cover		

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0 = Total Cover		

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1	<i>Solidago altissima</i>	40	Y	FACU
2	<i>Trifolium pratense</i>	30	Y	FACU
3	<i>Poa pratensis</i>	20	N	FACU
4	<i>Daucus carota</i>	15	N	UPL
5	<i>Glechoma hederacea</i>	10	N	FACU
6	<i>Phalaris arundinacea</i>	5	N	FACW
7	<i>Fragaria virginiana</i>	1	N	FACU
8				
9				
10				
11				
12				
13				
14				
15				
		121 = Total Cover		

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		0 = Total Cover		

50/20 Thresholds

	20%	50%
Tree Stratum	0	0
Sapling/Shrub Stratum	0	0
Herb Stratum	24	61
Woody Vine Stratum	0	0

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:
 OBL species 0 x 1 = 0
 FACW species 5 x 2 = 10
 FAC species 0 x 3 = 0
 FACU species 101 x 4 = 404
 UPL species 15 x 5 = 75
 Column totals 121 (A) 489 (B)
 Prevalence Index = B/A = 4.04

Hydrophytic Vegetation Indicators:
☐ Rapid test for hydrophytic vegetation
☐ Dominance test is >50%
☐ Prevalence index is ≤3.0*
☐ Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)
☐ Problematic hydrophytic vegetation* (explain)
 *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 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? N

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

SOIL

Sampling Point: 4

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

Depth (Inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type*	Loc**		
0-11	10YR 3/2	100					silty clay loam	
11-20	10YR 4/4	62	10YR 5/6	5	C	PL	silty clay	
	10YR 3/2	20	2.5Y 5/2	3	D	M		

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

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

Indicators for Problematic Hydric Soils:

- ☐ 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)

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

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric soil present? N

Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 5
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave
 Slope (%): 0-1 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Martinton silt loam (MgA) NWI Classification: None
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>Y</u>	Is the sampled area within a wetland? <u>Y</u>
Hydric soil present? <u>Y</u>	
Indicators of wetland hydrology present? <u>Y</u>	
If yes, optional wetland site ID: _____	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☒ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
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)		Indicators of wetland hydrology present? <u>Y</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

VEGETATION - Use scientific names of plants

Sampling Point: 5

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0	= Total Cover	

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1	<i>Populus deltoides</i>	1		FAC
2				
3				
4				
5				
6				
7				
8				
9				
10				
		1	= Total Cover	

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1	<i>Eleocharis palustris</i>	35	Y	OBL
2	<i>Carex vulpinoidea</i>	25	Y	OBL
3	<i>Phalaris arundinacea</i>	10	N	FACW
4	<i>Rumex crispus</i>	5	N	FAC
5	<i>Puccinellia distans</i>	3	N	FACW
6	<i>Solidago gigantea</i>	3	N	FACW
7	<i>Taraxacum officinale</i>	3	N	FACU
8	<i>Trifolium repens</i>	2	N	FACU
9				
10				
11				
12				
13				
14				
15				
		86	= Total Cover	

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		0	= Total Cover	

50/20 Thresholds

Tree Stratum	20%	50%
Sapling/Shrub Stratum	0	1
Herb Stratum	17	43
Woody Vine Stratum	0	0

Dominance Test Worksheet
 Number of Dominant Species that are OBL, FACW, or FAC: 2 (A)
 Total Number of Dominant Species Across all Strata: 2 (B)
 Percent of Dominant Species that are OBL, FACW, or FAC: 100.00% (A/B)

Prevalence Index Worksheet
 Total % Cover of:
 OBL species 60 x 1 = 60
 FACW species 16 x 2 = 32
 FAC species 6 x 3 = 18
 FACU species 5 x 4 = 20
 UPL species 0 x 5 = 0
 Column totals 87 (A) 130 (B)
 Prevalence Index = B/A = 1.49

Hydrophytic Vegetation Indicators:
☐ Rapid test for hydrophytic vegetation
☒ Dominance test is >50%
☒ Prevalence index is ≤3.0*
 Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)
☐ Problematic hydrophytic vegetation* (explain)
 *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 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? Y

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

SOIL

Sampling Point: 5

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

Depth (Inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type*	Loc**	Texture	Remarks
0-4	10YR 2/2	100					silty clay loam	
4-12	10YR 2/2	95	10YR 5/4	5	C	PL	silty clay loam	
12-20	10YR 5/2	20	10YR 4/6	20	C	PL/M	silty clay	

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: 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) (LRR K, L) | ☒ 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 Soils:

- | |
|--|
| ☐ 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) |

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

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric soil present? Y

Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 6
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex
 Slope (%): 3 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Martinton silt loam (MgA) NWI Classification: None
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>N</u>	Is the sampled area within a wetland? <u>N</u>
Hydric soil present? <u>N</u>	
Indicators of wetland hydrology present? <u>N</u>	
If yes, optional wetland site ID: _____	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☐ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
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)		Indicators of wetland hydrology present? <u>N</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: Approximately 12" higher than wetlands, separates two wetlands.		

VEGETATION - Use scientific names of plants

Sampling Point: 6

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0	= Total Cover	

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0	= Total Cover	

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1	<i>Solidago altissima</i>	85	Y	FACU
2	<i>Trifolium pratense</i>	20	N	FACU
3	<i>Poa pratensis</i>	10	N	FACU
4	<i>Trifolium repens</i>	5	N	FACU
5	<i>Taraxacum officinale</i>	3	N	FACU
6	<i>Erigeron annuus</i>	3	N	FACU
7	<i>Phalaris arundinacea</i>	3	N	FACW
8	<i>Daucus carota</i>	3	N	UPL
9	<i>Barbarea vulgaris</i>	2	N	FAC
10	<i>Carex blanda</i>	1	N	FAC
11				
12				
13				
14				
15				
		135	= Total Cover	

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		0	= Total Cover	

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

Old field.

50/20 Thresholds

	20%	50%
Tree Stratum	0	0
Sapling/Shrub Stratum	0	0
Herb Stratum	27	68
Woody Vine Stratum	0	0

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC:	0	(A)
Total Number of Dominant Species Across all Strata:	1	(B)
Percent of Dominant Species that are OBL, FACW, or FAC:	0.00%	(A/B)

Prevalence Index Worksheet

Total % Cover of:			
OBL species	0	x 1 =	0
FACW species	3	x 2 =	6
FAC species	3	x 3 =	9
FACU species	126	x 4 =	504
UPL species	3	x 5 =	15
Column totals	135	(A)	534 (B)
Prevalence Index = B/A =			3.96

Hydrophytic Vegetation Indicators:

☐	Rapid test for hydrophytic vegetation
☐	Dominance test is >50%
☐	Prevalence index is ≤3.0*
☐	Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)
☐	Problematic hydrophytic vegetation* (explain)
*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 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? N

SOIL

Sampling Point: 6

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

Depth (Inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type*	Loc**		
0-8	10YR 2/2	100					silty clay loam	
8-14	10YR 2/2	98	10YR 3/6	2	C	PL	silty clay	
14-20	10YR 4/3	92	10YR 4/6	8	C	PL/M	silty clay	

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

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

Indicators for Problematic Hydric Soils:

- ☐ 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)

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

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric soil present? N

Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 7
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave
 Slope (%): 0-1 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Martinton silt loam (MgA) NWI Classification: None
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>Y</u>	Is the sampled area within a wetland? <u>Y</u>
Hydric soil present? <u>Y</u>	
Indicators of wetland hydrology present? <u>Y</u>	
If yes, optional wetland site ID: _____	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☒ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
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)		Indicators of wetland hydrology present? <u>Y</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

VEGETATION - Use scientific names of plants

Sampling Point: 7

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0 = Total Cover		

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1	<i>Salix exigua</i>	1		
2				
3				
4				
5				
6				
7				
8				
9				
10				
		1 = Total Cover		

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1	<i>Carex vulpinoidea</i>	50	Y	OBL
2	<i>Eleocharis palustris</i>	25	Y	OBL
3	<i>Phalaris arundinacea</i>	10	N	FACW
4	<i>Poa pratensis</i>	10	N	FACU
5	<i>Taraxacum officinale</i>	10	N	FACU
6	<i>Trifolium repens</i>	5	N	FACU
7	<i>Rumex crispus</i>	2	N	FAC
8				
9				
10				
11				
12				
13				
14				
15				
		112 = Total Cover		

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		0 = Total Cover		

50/20 Thresholds

	20%	50%
Tree Stratum	0	0
Sapling/Shrub Stratum	0	1
Herb Stratum	22	56
Woody Vine Stratum	0	0

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: 2 (A)

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

Percent of Dominant Species that are OBL, FACW, or FAC: 100.00% (A/B)

Prevalence Index Worksheet

Total % Cover of:

OBL species	<u>75</u>	x 1 =	<u>75</u>
FACW species	<u>10</u>	x 2 =	<u>20</u>
FAC species	<u>2</u>	x 3 =	<u>6</u>
FACU species	<u>25</u>	x 4 =	<u>100</u>
UPL species	<u>0</u>	x 5 =	<u>0</u>
Column totals	<u>112</u>	(A)	<u>201</u> (B)
Prevalence Index = B/A =		<u>1.79</u>	

Hydrophytic Vegetation Indicators:

 Rapid test for hydrophytic vegetation

☒ Dominance test is >50%

☒ Prevalence index is ≤3.0*

Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)

 Problematic hydrophytic vegetation* (explain)

*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 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? Y

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

Disturbed wet meadow.

SOIL

Sampling Point: 7

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

Depth (Inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type*	Loc**		
0-5	10YR 2/2	100					silty clay loam	
5-12	10YR 2/1	95	10YR 3/6	5	C	PL	silty clay loam	
12-20	10YR 5/2	10	10YR 4/6	10	C	PL/M	silty clay	

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: 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) (LRR K, L) | ☒ 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 Soils:

- | |
|--|
| ☐ 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) |

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

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric soil present? Y

Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 8
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex
 Slope (%): 3 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Martinton silt loam (MgA) NWI Classification: None
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>N</u>	Is the sampled area within a wetland? <u>N</u>
Hydric soil present? <u>N</u>	
Indicators of wetland hydrology present? <u>N</u>	
If yes, optional wetland site ID: _____	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☐ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
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)		Indicators of wetland hydrology present? <u>N</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: Approximately 12" higher than wetland.		

VEGETATION - Use scientific names of plants

Sampling Point: 8

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0	= Total Cover	

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0	= Total Cover	

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
		106	= Total Cover	

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		0	= Total Cover	

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

50/20 Thresholds

	20%	50%
Tree Stratum	0	0
Sapling/Shrub Stratum	0	0
Herb Stratum	21	53
Woody Vine Stratum	0	0

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:			
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	5	x 3 =	15
FACU species	95	x 4 =	380
UPL species	6	x 5 =	30
Column totals	106	(A)	425 (B)
Prevalence Index = B/A =	4.01		

Hydrophytic Vegetation Indicators:

☐	Rapid test for hydrophytic vegetation
☐	Dominance test is >50%
☐	Prevalence index is ≤3.0*
☐	Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)
☐	Problematic hydrophytic vegetation* (explain)
*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 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? N

SOIL

Sampling Point: 8

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

Depth (Inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type*	Loc**		
0-11	10YR 3/2	100					silty clay loam	
11-20	10YR 4/3	85	10YR 4/6	5	C	PL	silty clay	
	10YR 3/2	10						inclusions

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

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

Indicators for Problematic Hydric Soils:

- ☐ 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)

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

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric soil present? N

Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 9
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex
 Slope (%): 3 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Martinton silt loam (MgA) NWI Classification: None
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>N</u>	Is the sampled area within a wetland? <u>N</u>
Hydric soil present? <u>N</u>	
Indicators of wetland hydrology present? <u>N</u>	
If yes, optional wetland site ID: _____	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☐ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
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)		Indicators of wetland hydrology present? <u>N</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: Approximately 3 feet higher than wetland.		

VEGETATION - Use scientific names of plants

Sampling Point: 9

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1 <i>Juglans nigra</i>		5	Y	FACU
2				
3				
4				
5				
6				
7				
8				
9				
10				
		5		= Total Cover

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1 <i>Lonicera x bella</i>		5	Y	FACU
2				
3				
4				
5				
6				
7				
8				
9				
10				
		5		= Total Cover

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1 <i>Solidago altissima</i>		60	Y	FACU
2 <i>Viola sororia</i>		20	Y	FAC
3 <i>Poa pratensis</i>		15	N	FACU
4 <i>Mellilotus officinalis</i>		10	N	FACU
5 <i>Arctium minus</i>		5	N	FACU
6 <i>Tanacetum vulgare</i>		5	N	FACU
7 <i>Geum aleppicum</i>		2	N	FAC
8 <i>Erigeron annuus</i>		2	N	FACU
9 <i>Carex blanda</i>		2	N	FAC
10				
11				
12				
13				
14				
15				
		121		= Total Cover

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		0		= Total Cover

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

Old field.

50/20 Thresholds

	20%	50%
Tree Stratum	1	3
Sapling/Shrub Stratum	1	3
Herb Stratum	24	61
Woody Vine Stratum	0	0

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: 1 (A)

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

Percent of Dominant Species that are OBL, FACW, or FAC: 50.00% (A/B)

Prevalence Index Worksheet

Total % Cover of:

OBL species	<u>0</u>	x 1 =	<u>0</u>
FACW species	<u>0</u>	x 2 =	<u>0</u>
FAC species	<u>24</u>	x 3 =	<u>72</u>
FACU species	<u>107</u>	x 4 =	<u>428</u>
UPL species	<u>0</u>	x 5 =	<u>0</u>
Column totals	<u>131</u>	(A)	<u>500</u> (B)

Prevalence Index = B/A = 3.82

Hydrophytic Vegetation Indicators:

☐ Rapid test for hydrophytic vegetation

☐ Dominance test is >50%

☐ Prevalence index is ≤3.0*

☐ Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)

☐ Problematic hydrophytic vegetation* (explain)

*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 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? N

SOIL

Sampling Point: 9

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

Depth (Inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type*	Loc**		
0-10	10YR 3/3	80					silty clay loam	gravelly
	10YR 2/2	10						
	10YR 5/2	10						

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

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

Indicators for Problematic Hydric Soils:

- ☐ 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)

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

Restrictive Layer (if observed):

Type: Rubble fillDepth (inches): 10Hydric soil present? N

Remarks:

Fill pile

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 10
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave
 Slope (%): 0-2 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Martinton silt loam (MgA) NWI Classification: E3H
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>Y</u>	Is the sampled area within a wetland? <u>Y</u> If yes, optional wetland site ID: _____
Hydric soil present? <u>Y</u>	
Indicators of wetland hydrology present? <u>Y</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☒ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
Field Observations: Surface water present? Yes ☒ No ☐ Depth (inches): <u>1</u> Water table present? Yes ☐ No ☒ Depth (inches): _____ Saturation present? Yes ☐ No ☒ Depth (inches): _____ (includes capillary fringe)		Indicators of wetland hydrology present? <u>Y</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

VEGETATION - Use scientific names of plants

Sampling Point: 10

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1 <i>Salix nigra</i>		20	Y	OBL
2 <i>Ulmus americana</i>		10	Y	FACW
3				
4				
5				
6				
7				
8				
9				
10				
		30	= Total Cover	

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1 <i>Rhamnus cathartica</i>		10	Y	FAC
2 <i>Acer saccharinum</i>		5	Y	FACW
3 <i>Lonicera x bella</i>		5	Y	FACU
4 <i>Viburnum lentago</i>		3	N	FAC
5 <i>Fraxinus pennsylvanica</i>		2	N	FACW
6				
7				
8				
9				
10				
		25	= Total Cover	

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1 <i>Phalaris arundinacea</i>		85	Y	FACW
2 <i>Typha x glauca</i>		15	N	OBL
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
		100	= Total Cover	

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		0	= Total Cover	

50/20 Thresholds

	20%	50%
Tree Stratum	6	15
Sapling/Shrub Stratum	5	13
Herb Stratum	20	50
Woody Vine Stratum	0	0

Dominance Test Worksheet
Number of Dominant Species that are OBL, FACW, or FAC: 5 (A)
Total Number of Dominant Species Across all Strata: 5 (B)
Percent of Dominant Species that are OBL, FACW, or FAC: 100.00% (A/B)

Prevalence Index Worksheet
Total % Cover of:
OBL species 35 x 1 = 35
FACW species 102 x 2 = 204
FAC species 13 x 3 = 39
FACU species 5 x 4 = 20
UPL species 0 x 5 = 0
Column totals 155 (A) 298 (B)
Prevalence Index = B/A = 1.92

Hydrophytic Vegetation Indicators:
☐ Rapid test for hydrophytic vegetation
☒ Dominance test is >50%
☒ Prevalence index is ≤3.0*
Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)
Problematic hydrophytic vegetation* (explain)
*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 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? Y

Remarks: (Include photo numbers here or on a separate sheet)
Forested/emergent wetland.

SOIL

Sampling Point: 10

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

Depth (Inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type*	Loc**		
0-10	10YR 3/1	95	10YR 3/6	5	C	PL/M	silty clay loam	
10-20	10YR 4/1	97	10YR 3/4	3	C	M	silty clay	

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: 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) (LRR K, L) | ☒ 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 Soils:

- | |
|---|
| ☐ 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) |

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

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric soil present? Y

Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 11
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave
 Slope (%): 0-2 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Ozaukee silt loam (OuB2) NWI Classification: None
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>Y</u>	Is the sampled area within a wetland? <u>Y</u>
Hydric soil present? <u>Y</u>	
Indicators of wetland hydrology present? <u>Y</u>	
If yes, optional wetland site ID: _____	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☒ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
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)		Indicators of wetland hydrology present? <u>Y</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

VEGETATION - Use scientific names of plants

Sampling Point: 11

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1 <i>Acer saccharinum</i>		5	Y	FACW
2				
3				
4				
5				
6				
7				
8				
9				
10				
		5	= Total Cover	

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1 <i>Ribes americanum</i>		15	Y	FACW
2 <i>Rhamnus cathartica</i>		10	Y	FAC
3 <i>Fraxinus pennsylvanica</i>		1	N	FACW
4				
5				
6				
7				
8				
9				
10				
		26	= Total Cover	

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1 <i>Phalaris arundinacea</i>		100	Y	FACW
2 <i>Vitis riparia</i>		2	N	FAC
3 <i>Taraxacum officinale</i>		2	N	FACU
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
		104	= Total Cover	

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1 <i>Parthenocissus quinquefolia</i>		3		FACU
2				
3				
4				
5				
		3	= Total Cover	

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

Disturbed wet meadow.

50/20 Thresholds

	20%	50%
Tree Stratum	1	3
Sapling/Shrub Stratum	5	13
Herb Stratum	21	52
Woody Vine Stratum	1	2

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:

OBL species	<u>0</u>	x 1 =	<u>0</u>
FACW species	<u>121</u>	x 2 =	<u>242</u>
FAC species	<u>12</u>	x 3 =	<u>36</u>
FACU species	<u>5</u>	x 4 =	<u>20</u>
UPL species	<u>0</u>	x 5 =	<u>0</u>
Column totals	<u>138</u>	(A)	<u>298</u> (B)

Prevalence Index = B/A = 2.16

Hydrophytic Vegetation Indicators:

 Rapid test for hydrophytic vegetation

☒ Dominance test is >50%

☒ Prevalence index is ≤3.0*

 Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)

 Problematic hydrophytic vegetation* (explain)

*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 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? Y

SOIL

Sampling Point: 11

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

Depth (Inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type*	Loc**		
0-11	10YR 2/1	98	10YR 3/4	2	C	PL	silty clay loam	
11-20	10YR 4/1	88	10YR 4/6	2	C	PL	silty clay	
			10YR 6/4	10	C	M		

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

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

Indicators for Problematic Hydric Soils:

- ☐ 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)

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

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric soil present? Y

Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 12
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex
 Slope (%): 3 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Ozaukee silt loam (OuB2) NWI Classification: None
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>N</u>	Is the sampled area within a wetland? <u>N</u>
Hydric soil present? <u>N</u>	
Indicators of wetland hydrology present? <u>N</u>	
If yes, optional wetland site ID: _____	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☐ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
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)		Indicators of wetland hydrology present? <u>N</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: Approximately 2 feet higher than wetland.		

VEGETATION - Use scientific names of plants

Sampling Point: 12

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0	= Total Cover	

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1	<i>Rhamnus cathartica</i>	20	Y	FAC
2	<i>Fraxinus pennsylvanica</i>	5	N	FACW
3	<i>Lonicera x bella</i>	5	N	FACU
4	<i>Viburnum opulus</i>	2	N	FACW
5	<i>Populus tremuloides</i>	2	N	FAC
6	<i>Cornus alba</i>	1	N	FACW
7				
8				
9				
10				
		35	= Total Cover	

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1	<i>Solidago altissima</i>	50	Y	FACU
2	<i>Poa pratensis</i>	50	Y	FACU
3	<i>Trifolium repens</i>	10	N	FACU
4	<i>Taraxacum officinale</i>	10	N	FACU
5	<i>Fragaria virginiana</i>	5	N	FACU
6	<i>Phalaris arundinacea</i>	3	N	FACW
7	<i>Arctium minus</i>	2	N	FACU
8				
9				
10				
11				
12				
13				
14				
15				
		130	= Total Cover	

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		0	= Total Cover	

50/20 Thresholds

	20%	50%
Tree Stratum	0	0
Sapling/Shrub Stratum	7	18
Herb Stratum	26	65
Woody Vine Stratum	0	0

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across all Strata: 3 (B)

Percent of Dominant Species that are OBL, FACW, or FAC: 33.33% (A/B)

Prevalence Index Worksheet

Total % Cover of:

OBL species	<u>0</u>	x 1 =	<u>0</u>
FACW species	<u>11</u>	x 2 =	<u>22</u>
FAC species	<u>22</u>	x 3 =	<u>66</u>
FACU species	<u>132</u>	x 4 =	<u>528</u>
UPL species	<u>0</u>	x 5 =	<u>0</u>
Column totals	<u>165</u> (A)		<u>616</u> (B)
Prevalence Index = B/A = <u>3.73</u>			

Hydrophytic Vegetation Indicators:

☐ Rapid test for hydrophytic vegetation

☐ Dominance test is >50%

☐ Prevalence index is ≤3.0*

☐ Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)

☐ Problematic hydrophytic vegetation* (explain)

*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 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? N

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

Old field.

SOIL

Sampling Point: 12

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

Depth (Inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type*	Loc**		
0-11	10YR 3/2	100					silty clay loam	
11-14	10YR 4/4	70					silty clay	
	10YR 3/2	30						

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

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

Indicators for Problematic Hydric Soils:

- ☐ 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)

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

Restrictive Layer (if observed):

Type: Rubble fillDepth (inches): 14Hydric soil present? N

Remarks:

Refusal due to fill material

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 13
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave
 Slope (%): 1-2 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Martinton silt loam (MgA) NWI Classification: None
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>Y</u>	Is the sampled area within a wetland? <u>Y</u>
Hydric soil present? <u>Y</u>	
Indicators of wetland hydrology present? <u>Y</u>	
If yes, optional wetland site ID: _____	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☒ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
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)		Indicators of wetland hydrology present? <u>Y</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

VEGETATION - Use scientific names of plants

Sampling Point: 13

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0	= Total Cover	

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1	<i>Fraxinus pennsylvanica</i>	10	Y	FACW
2	<i>Rhamnus cathartica</i>	5	Y	FAC
3	<i>Populus tremuloides</i>	2	N	FAC
4				
5				
6				
7				
8				
9				
10				
		17	= Total Cover	

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1	<i>Phalaris arundinacea</i>	30	Y	FACW
2	<i>Poa pratensis</i>	10	Y	FACU
3	<i>Eleocharis palustris</i>	10	Y	OBL
4	<i>Carex vulpinoidea</i>	5	N	OBL
5	<i>Taraxacum officinale</i>	5	N	FACU
6	<i>Trifolium repens</i>	5	N	FACU
7	<i>Barbarea vulgaris</i>	2	N	FAC
8	<i>Ribes americanum</i>	1	N	FACW
9				
10				
11				
12				
13				
14				
15				
		68	= Total Cover	

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		0	= Total Cover	

50/20 Thresholds

	20%	50%
Tree Stratum	0	0
Sapling/Shrub Stratum	3	9
Herb Stratum	14	34
Woody Vine Stratum	0	0

Dominance Test Worksheet
 Number of Dominant Species that are OBL, FACW, or FAC: 4 (A)
 Total Number of Dominant Species Across all Strata: 5 (B)
 Percent of Dominant Species that are OBL, FACW, or FAC: 80.00% (A/B)

Prevalence Index Worksheet
 Total % Cover of:
 OBL species 15 x 1 = 15
 FACW species 41 x 2 = 82
 FAC species 9 x 3 = 27
 FACU species 20 x 4 = 80
 UPL species 0 x 5 = 0
 Column totals 85 (A) 204 (B)
 Prevalence Index = B/A = 2.40

Hydrophytic Vegetation Indicators:
☐ Rapid test for hydrophytic vegetation
☒ Dominance test is >50%
☒ Prevalence index is ≤3.0*
 Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)
☐ Problematic hydrophytic vegetation* (explain)
 *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 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? Y

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

SOIL

Sampling Point: 13

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

Depth (Inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type*	Loc**		
0-12	10YR 3/1	97	10YR 3/4	3	C	PL	silty clay loam	
12-20	5Y 6/2	90	10YR 5/6	10	C	PL/M	silty clay	

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: 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) (LRR K, L) | ☒ 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 Soils:

- | |
|--|
| ☐ 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) |

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

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric soil present? Y

Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 14
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex
 Slope (%): 4-6 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Ozaukee silt loam (OuB2) NWI Classification: None
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>N</u>	Is the sampled area within a wetland? <u>N</u>
Hydric soil present? <u>N</u>	
Indicators of wetland hydrology present? <u>N</u>	
If yes, optional wetland site ID: _____	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☐ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
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)		Indicators of wetland hydrology present? <u>N</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: Approximately 3 feet higher than wetland.		

VEGETATION - Use scientific names of plants

Sampling Point: 14

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0	= Total Cover	

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0	= Total Cover	

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1	<i>Poa pratensis</i>	30	Y	FACU
2	<i>Solidago altissima</i>	10	Y	FACU
3	<i>Plantago major</i>	5	N	FACU
4	<i>Taraxacum officinale</i>	5	N	FACU
5	<i>Trifolium pratense</i>	5	N	FACU
6	<i>Dactylis glomerata</i>	5	N	FACU
7	<i>Daucus carota</i>	5	N	UPL
8	<i>Geum aleppicum</i>	2	N	FAC
9	<i>Leucanthemum vulgare</i>	2	N	UPL
10	<i>Taraxacum officinale</i>	2	N	FACU
11	<i>Oenothera biennis</i>	1	N	FACU
12				
13				
14				
15				
		72	= Total Cover	

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		0	= Total Cover	

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

50/20 Thresholds

	20%	50%
Tree Stratum	0	0
Sapling/Shrub Stratum	0	0
Herb Stratum	14	36
Woody Vine Stratum	0	0

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:			
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	2	x 3 =	6
FACU species	63	x 4 =	252
UPL species	7	x 5 =	35
Column totals	72	(A)	293 (B)
Prevalence Index = B/A =	4.07		

Hydrophytic Vegetation Indicators:

☐	Rapid test for hydrophytic vegetation
☐	Dominance test is >50%
☐	Prevalence index is ≤3.0*
☐	Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)
☐	Problematic hydrophytic vegetation* (explain)
*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 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? N

SOIL

Sampling Point: 14

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

Depth (Inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type*	Loc**		
0-7	10YR 3/3	100					silty clay loam	
7-12	10YR 3/4	95	10YR 3/6	5			silty clay	

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: 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 Soils:

- | |
|--|
| ☐ 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) |

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

Restrictive Layer (if observed):

Type: Gravell fillDepth (inches): 12Hydric soil present? N

Remarks:

Refusal due to fill material

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 15
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): depression Local relief (concave, convex, none): concave
 Slope (%): 0-2 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Martinton silt loam (MgA) NWI Classification: E3H
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>Y</u>	Is the sampled area within a wetland? <u>Y</u> If yes, optional wetland site ID: _____
Hydric soil present? <u>Y</u>	
Indicators of wetland hydrology present? <u>Y</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☒ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
Field Observations: Surface water present? Yes ☒ No ☐ Depth (inches): <u>1</u> Water table present? Yes ☐ No ☒ Depth (inches): _____ Saturation present? Yes ☐ No ☒ Depth (inches): _____ (includes capillary fringe)		Indicators of wetland hydrology present? <u>Y</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

VEGETATION - Use scientific names of plants

Sampling Point: 15

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0	= Total Cover	

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0	= Total Cover	

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
		103	= Total Cover	

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		0	= Total Cover	

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

Emergent wetland.

50/20 Thresholds

	20%	50%
Tree Stratum	0	0
Sapling/Shrub Stratum	0	0
Herb Stratum	21	52
Woody Vine Stratum	0	0

Dominance Test Worksheet

Number of Dominant Species that are OBL, FACW, or FAC:	1	(A)
Total Number of Dominant Species Across all Strata:	1	(B)
Percent of Dominant Species that are OBL, FACW, or FAC:	100.00%	(A/B)

Prevalence Index Worksheet

Total % Cover of:			
OBL species	0	x 1 =	0
FACW species	101	x 2 =	202
FAC species	0	x 3 =	0
FACU species	2	x 4 =	8
UPL species	0	x 5 =	0
Column totals	103	(A)	210 (B)
Prevalence Index = B/A =	2.04		

Hydrophytic Vegetation Indicators:

☐	Rapid test for hydrophytic vegetation
☒	Dominance test is >50%
☒	Prevalence index is ≤3.0*
☐	Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)
☐	Problematic hydrophytic vegetation* (explain)
*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 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?

Y

SOIL

Sampling Point: 15

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

Depth (Inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type*	Loc**		
0-6	10YR 3/1	100					silty clay loam	
6-20	10YR 4/1	95	10YR 3/4	5	C	M	silty clay	

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: 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) (LRR K, L) | ☐ 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 Soils:

- | |
|--|
| ☐ 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) |

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

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric soil present? Y

Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 16
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): swale Local relief (concave, convex, none): concave
 Slope (%): 0-2 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Ozaukee silt loam (OuB2) NWI Classification: T3/E1K
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>Y</u>	Is the sampled area within a wetland? <u>Y</u> If yes, optional wetland site ID: _____
Hydric soil present? <u>Y</u>	
Indicators of wetland hydrology present? <u>Y</u>	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☒ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
Field Observations: Surface water present? Yes <u>X</u> No <u>X</u> Depth (inches): _____ Water table present? Yes <u>X</u> No _____ Depth (inches): <u>12</u> Saturation present? Yes <u>X</u> No _____ Depth (inches): <u>At surface</u> (includes capillary fringe)		Indicators of wetland hydrology present? <u>Y</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks:		

VEGETATION - Use scientific names of plants

Sampling Point: 16

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1 <i>Populus deltoides</i>		20	Y	FAC
2				
3				
4				
5				
6				
7				
8				
9				
10				
		20	= Total Cover	

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1 <i>Fraxinus pennsylvanica</i>		10	Y	FACW
2 <i>Rhamnus cathartica</i>		10	Y	FAC
3 <i>Cornus obliqua</i>		5	N	FACW
4 <i>Salix petiolaris</i>		3	N	FACW
5				
6				
7				
8				
9				
10				
		28	= Total Cover	

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1 <i>Phalaris arundinacea</i>		95	Y	FACW
2 <i>Solidago gigantea</i>		5	N	FACW
3 <i>Poa pratensis</i>		5	N	FACU
4 <i>Cornus obliqua</i>		3	N	FACW
5 <i>Frangula alnus</i>		2	N	FAC
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
		110	= Total Cover	

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		0	= Total Cover	

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

Forested/emergent wetland.

50/20 Thresholds

	20%	50%
Tree Stratum	4	10
Sapling/Shrub Stratum	6	14
Herb Stratum	22	55
Woody Vine Stratum	0	0

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:

OBL species	<u>0</u>	x 1 =	<u>0</u>
FACW species	<u>121</u>	x 2 =	<u>242</u>
FAC species	<u>32</u>	x 3 =	<u>96</u>
FACU species	<u>5</u>	x 4 =	<u>20</u>
UPL species	<u>0</u>	x 5 =	<u>0</u>
Column totals	<u>158</u> (A)		<u>358</u> (B)

Prevalence Index = B/A = 2.27

Hydrophytic Vegetation Indicators:

 Rapid test for hydrophytic vegetation

☒ Dominance test is >50%

☒ Prevalence index is ≤3.0*

Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)

 Problematic hydrophytic vegetation* (explain)

*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 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? Y

SOIL

Sampling Point: 16

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

Depth (Inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type*	Loc**		
0-6	10YR 4/2	95	10YR 5/6	5	C	PL/M	silty clay loam	gravelly
6-20	10YR 5/2	10	10YR 4/6	10	C	M	silty clay	

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: 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 Soils:

- | |
|--|
| ☐ 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) |

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

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

Hydric soil present? Y

Remarks:

WETLAND DETERMINATION DATA FORM - Northcentral and Northeast Region

Project/Site: Kolb Sports Center North City/County: Cedarburg/Ozaukee Sampling Date: May 17, 2023
 Applicant/Owner: Design 2 Construct State: WI Sampling Point: 17
 Investigator(s): K. Sherfinski Section, Township, Range: S21, T10N, R21E
 Landform (hillslope, terrace, etc.): hillslope Local relief (concave, convex, none): convex
 Slope (%): 2 Lat.: _____ Long.: _____ Datum: _____
 Soil Map Unit Name: Ozaukee silt loam (OuB2) NWI Classification: None
 Are climatic/hydrologic conditions of the site typical for this time of the year? Yes (If no, explain in remarks)
 Are vegetation _____, soil _____, or hydrology _____ significantly disturbed? Are "normal
 Are vegetation _____, soil _____, or hydrology _____ naturally problematic? circumstances" present? Yes
 (If needed, explain any answers in remarks)

SUMMARY OF FINDINGS

Hydrophytic vegetation present? <u>N</u>	Is the sampled area within a wetland? <u>N</u>
Hydric soil present? <u>N</u>	
Indicators of wetland hydrology present? <u>N</u>	
If yes, optional wetland site ID: _____	
Remarks: (Explain alternative procedures here or in a separate report.)	

HYDROLOGY

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 ☐ Drift Deposits (B3) ☐ Roots (C3) ☐ Algal Mat or Crust (B4) ☐ Presence of Reduced Iron (C4) ☐ Iron Deposits (B5) ☐ Recent Iron Reduction in Tilled ☐ Inundation Visible on Aerial ☐ Soils (C6) ☐ Imagery (B7) ☐ Thin Muck Surface (C7) ☐ Sparsely Vegetated Concave ☐ Other (Explain in Remarks) ☐ 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) ☐ FAC-Neutral Test (D5) ☐ Microtopographic Relief (D4)
Field Observations: Surface water present? Yes _____ No <u>X</u> Depth (inches): _____ Water table present? Yes _____ No <u>X</u> Depth (inches): _____ Saturation present? Yes _____ No <u>X</u> Depth (inches): _____ (includes capillary fringe)		Indicators of wetland hydrology present? <u>N</u>
Describe recorded data (stream gauge, monitoring well, aerial photos, previous inspections), if available:		
Remarks: Approximately 1.5 feet higher than wetland.		

VEGETATION - Use scientific names of plants

Sampling Point: 17

Tree Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0	= Total Cover	

Sapling/Shrub Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
		0	= Total Cover	

Herb Stratum	Plot Size (5ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
		123	= Total Cover	

Woody Vine Stratum	Plot Size (30ft radius)	Absolute % Cover	Dominant Species	Indicator Status
1				
2				
3				
4				
5				
		0	= Total Cover	

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

Old field.

50/20 Thresholds

	20%	50%
Tree Stratum	0	0
Sapling/Shrub Stratum	0	0
Herb Stratum	25	62
Woody Vine Stratum	0	0

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:			
OBL species	0	x 1 =	0
FACW species	2	x 2 =	4
FAC species	1	x 3 =	3
FACU species	120	x 4 =	480
UPL species	0	x 5 =	0
Column totals	123	(A)	487 (B)
Prevalence Index = B/A =	3.96		

Hydrophytic Vegetation Indicators:

☐	Rapid test for hydrophytic vegetation
☐	Dominance test is >50%
☐	Prevalence index is ≤3.0*
☐	Morphological adaptations* (provide supporting data in Remarks or on a separate sheet)
☐	Problematic hydrophytic vegetation* (explain)
*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 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? N

SOIL

Sampling Point: 17

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

Depth (Inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type*	Loc**		
0-10	10YR 3/2	100					silty clay loam	
10-20	10YR 4/4	95	10YR 4/6	5			silty clay	

*Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains

**Location: PL=Pore Lining, M=Matrix

Hydric Soil Indicators:

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

Indicators for Problematic Hydric Soils:

- ☐ 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)

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

Restrictive Layer (if observed):

Type: _____

Depth (inches): _____

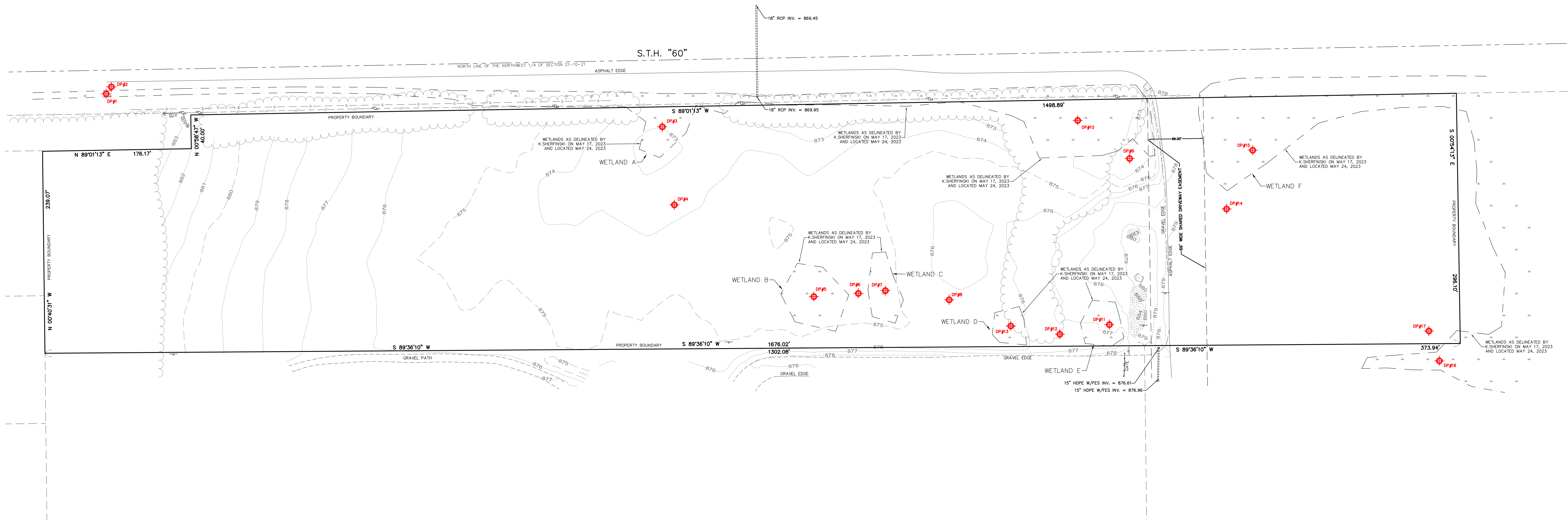
Hydric soil present? N

Remarks:

LEGAL DESCRIPTION:
LOT 1, CERTIFIED SURVEY MAP NO. 3997, BEING A PART OF THE NORTHWEST
1/4 OF SECTION 21, TOWNSHIP 10 NORTH, RANGE 21 EAST, IN THE TOWN OF
CEDARBURG, OZAUKEE COUNTY, WISCONSIN.
CONTAINING: 10.900 ACRES/ 474,784 SQUARE FEET.

CJ
engineering
civil design and consulting
9205 W. Center Street
Suite 214
Milwaukee, WI 53222
PH: (414) 443-1312
FAX: (414) 443-1317
www.cj-engineering.com

CSE
CAPITOL SURVEY ENTERPRISES
220 REGENCY CT. STE. 210
BROOKFIELD, WI 53045
PH: (262) 786-6600
FAX: (414) 786-6608
WWW.CAPITOLSURVEY.COM



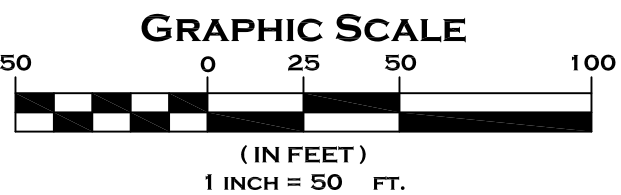
NOTES

- SUBJECT PROPERTY ZONED: M-2, PLANNED INDUSTRIAL DISTRICT.
- SETBACKS BASED ON THE TOWN OF CEDARBURG OF OZAUKEE COUNTY ZONING CODE AND ARE AS FOLLOWS:

(3) BUILDING HEIGHT:
(A) PRINCIPAL STRUCTURE: MAXIMUM TWO STORIES OR 35 FEET FOR RESIDENTIAL, ALL OTHER TYPES OF DEVELOPMENT MAXIMUM THREE STORIES OR 45 FEET.
(B) ACCESSORY STRUCTURE: MAXIMUM ONE STORY OR 25 FEET.
(A) YARD SETBACKS:
(A) STREET: MINIMUM 25 FEET.
(B) REAR: MINIMUM 30 FEET.
(C) SIDE: MINIMUM 15 FEET.
- LEGAL DESCRIPTION BASED ON CERTIFIED SURVEY MAP NO. 3997.
- THE UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, ON INFORMATION FURNISHED BY THE UTILITY COMPANIES, DIGGERS HOTLINE AND THE LOCAL MUNICIPALITY. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.
- SUBJECT PROPERTY IS [ARE] LOCATED WITHIN AN AREA HAVING A ZONE DESIGNATION X: AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN, PER INFORMATION FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), ON FLOOD INSURANCE RATE MAP NO. 55089C0159F, WITH A DATE OF IDENTIFICATION OF 12/4/2007, IN COMMUNITY NO. 550310, OZAUKEE COUNTY, WHICH IS THE COMMUNITY IN WHICH THE SUBJECT PROPERTY IS SITUATED.
- PROJECT BENCHMARK/SITE BENCHMARK - THE NORTHWEST CORNER OF THE NORTHWEST 1/4 OF SECTION 21-10-21 FOUND CONCRETE MONUMENT WITH CAP WITH AN ELEVATION OF 875.75.
- ELEVATIONS BASED ON INFORMATION FROM S.W.R.P.C. N.A.V.D. OF 1988(12)
- DUE TO SNOW AND ICE CONDITIONS AT TIME OF SURVEY, NOT ALL IMPROVEMENTS AND/OR PHYSICAL FEATURES MAY BE SHOWN.
- SURVEY DATUM:
COORDINATES ARE BASED ON THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), OZAUKEE COUNTY, NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT (NAD83(2011)).



LEGEND				
— SAN —	SAWYER SEWER	□ E	ELECTRIC TRANSFORMER	HYDRANT
— ST —	STORM SEWER	□ E	ELECTRIC METER	WATER VALVE
— W —	WATER MAIN	□ E	ELECTRIC BOX AT GRADE	GAS VALVE
— G —	BURIED GAS LINE	□ E	TELEPHONE BOX AT GRADE	MANHOLE
— TEL —	BURIED TELEPHONE LINE	□ E	TELEPHONE PEDESTAL	STORM MANHOLE
— E —	BURIED ELECTRIC LINE	□ E	TV PEDESTAL	CATCH BASIN
— FO —	BURIED FIBER OPTIC LINE	□ E	GAS METER	CURB RILE
— // —	OVERHEAD UTILITY LINES	□ E	AIR CONDITIONER	METAL LIGHT POLE
— CATV —	BURIED CABLE TELEVISION LINES	□ E	UTILITY POLE	WOOD LIGHT POLE
— COMB —	COMBINATION SEWER	□ E	WOOD SIGN	WOOD LIGHT POLE
— WOOD FENCE —	METAL FENCE	□ E	METAL SIGN	MAIL BOX
— P —	FLAG POLE	□ E	BOLLARD	FIBER OPTIC MARKER
— BOLLARD —	BOLLARD	□ E	WOOD LIGHT	GUY WIRE
— DOOR SILL ELEVATION —	DOOR SILL ELEVATION	□ E	YARD LIGHT	
— FIRE DEPARTMENT CONNECTION —	FIRE DEPARTMENT CONNECTION	□ E		



WETLAND EXHIBIT
FOR
CEDARBURG SPORTS FACILITY
8611 HWY 60
CEDARBURG, WI

DRAWN BY:	PJS	DATE:	6/15/2023
CHECKED BY:	CAJ	DRAWING No.	EC - 1
CSE Job No.:	22 - 111	SHEET	1 OF 1

Natural Resources Committee**AGENDA INFORMATION SHEET**

AGENDA DATE:	August 3, 2023
DEPARTMENT:	UW Extension
DIRECTOR:	Cindy Sarkady
PREPARER:	Claudia Breitengross

Agenda Summary UW-Madison Division of Extension Written & Financial Reports

ATTACHMENTS:

- June 2023 Report (PDF)
- 2023 Oversight Comm Recommended PnL Amended Bdgt8.2023 (PDF)

NATURAL RESOURCES COMMITTEE



June 2023 Report

Agriculture

Regional Agriculture Educators



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

Agriculture Highlights

- **Crops:** Liz Gartman, Crops Educator
 - A series of in person and virtual meetings with UW Madison - Extension colleagues, producer led conservation groups, USDA and Farm Service Agency partners, agriculture industry contacts and crop producers where we discussed opportunities for partnerships, ag community needs and programming gaps. The goal of this activity is to generate an informal needs assessment of the regional ag community in order to plan programming that will provide support to the community.
 - As a new Regional Crops Educator in Sheboygan, Ozaukee, Washington, and Fond du Lac counties, it is necessary to determine the needs of the agricultural community related to crops programming. To best understand the needs of the growers, community groups and agribusiness professionals in the region, the crops educator will meet with these potential partners to determine gaps in programming and specific educational strategies necessary to properly serve the region. As of June 20, 2023, the educator has met with the director of the Clean Farm Families watershed group, Sheboygan River Progressive Farmers board members, financial officers from Compeer Financial and an editor for Hay and Forage magazine, while also making connections with other UW Madison-Extension educators and support personnel. The educator is asking questions and recording the responses to generate a needs assessment which will provide guidance into programming plans. Further, the educator has provided support to local growers as needed by leveraging UW- Madison Extension professionals. This outreach will continue over the next 6 months to develop relationships with potential partners to establish an Extension presence in the crops programming area in this region.
- **Dairy:** Tina Kohlman, Dairy Educator
 - Planning and development of a carbon conference for dairy owners and managers, consultants, engineers, and agribusiness professionals in collaboration with Iowa State University Extension, University of Minnesota Extension, and University of Illinois Extension. The goal of this effort is to teach individuals best management practices to reduce or mitigate greenhouse gas emissions and how to enter, navigate, and discuss carbon markets to address dairy production management, thus improving farm business management viability and environmental sustainability.
 - An alfalfa quality project for dairy farmers, crop managers, nutritionists, agronomists, and other agribusiness professionals. This effort is designed to teach individuals how to determine the optimal time to harvest first-crop alfalfa haylage based on quality criteria (Relative Feed Value), and not date, to improve farm business vitality and environmental sustainability.



Community Development

Tania Spofford, Community Development Educator



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.

Community Development Highlights

- A survey of community park visitors to gain insights into park usage patterns and gather feedback on desired improvements. The results of this study will directly inform the Ozaukee Planning and Parks Department in updating the County Park and Open Space Plan, aiming to enhance recreational experiences for residents and visitors alike.
- Facilitated a process for nonprofit leaders to engage in dialogue and begin collaborative action planning. Leaders prioritized the common obstacles they will address that are preventing them from doing their best work. By creating collaborative solutions, nonprofit organizations will reduce competition for limited resources while improving their capacity to address community needs.

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
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53074

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Cindy Sarkady
Area Extension Director

Vacant
4-H Program Educator

Tania Spofford
Community
Development Educator

Liz Gartman
Crops Educator

Tina Kohlman
Dairy Educator

Claudia Breitengross
Mary Whittet
Support Staff

Ozaukee County Committee Report

General Fund University of Wisconsin Extension

For the Six Months Ending Friday, June 30, 2023

Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2023 YTD Actual	2023 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	-	\$3,890	\$3,890	0.00%
Public Charges for Services	\$699	\$7,697	\$7,980	\$283	96.45%
Total Revenues	\$699	\$7,697	\$11,870	\$4,173	64.84%
Expenditures					
Salaries	\$3,321	\$26,090	\$65,069	\$38,979	40.10%
Fringe Benefits	\$488	\$3,359	\$7,844	\$4,485	42.82%
Travel/Training	\$284	\$2,352	\$13,588	\$11,236	17.31%
Supplies	\$123	\$1,446	\$17,940	\$16,494	8.06%
Purchased Services	\$42,438	\$42,891	\$103,296	\$60,405	41.52%
Interdepartment Charges	\$1,376	\$9,082	\$20,919	\$11,837	43.42%
Other Expenses	\$23	\$68	\$743	\$675	9.15%
Total Operating Expenditures	\$48,053	\$85,288	\$229,399	\$144,111	37.18%
Capital Outlay					
Total Expenditures	\$48,053	\$85,288	\$229,399	\$144,111	37.18%
Net Increase (Decrease)	(\$47,354)	(\$77,591)	(\$217,529)	(\$139,938)	35.67%

Equity:

Natural Resources Committee**AGENDA INFORMATION SHEET**

AGENDA DATE:	August 3, 2023
DEPARTMENT:	Register of Deeds
DIRECTOR:	Jennifer Laurin
PREPARER:	Jennifer Laurin

Agenda Summary Register of Deeds/Land Info Monthly Department Report

ATTACHMENTS:

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

NATURAL RESOURCES COMMITTEE



Register of Deeds

Land Information

July 2023 Department Report

Register of Deeds Office: We recorded 967 documents in June, compared to 1292 for the same period the year before. 78.18% of the documents this month were recorded as a digital record and 75.76% year-to-date. We had a profit of \$54,353.00 for June and \$173,637.00 year-to-date.

In June we received \$281,515.50 in Transfer Fees. Of that amount \$225,212.40 was the portion that went to the State, and \$56,303.10 was the portion that went to the County.

Our records are now indexed back to 1903, and we continue to make progress with our back indexing. We have had genealogists here recently that were able to do the majority of their searching on the computer. The feedback that we are receiving is that our customers are very impressed with the ease of searching the records in Ozaukee County.

Land Information Office: This office had a profit of \$66,801.00 for June and \$47,608.00 year-to-date.

Ozaukee County Committee Report
General Fund Register of Deeds
 For the Six Months Ending Friday, June 30, 2023
 Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2023 YTD Actual	2023 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Public Charges for Services	\$86,305	\$406,705	\$1,000,000	\$593,295	40.67%
Total Revenues	\$86,305	\$406,705	\$1,000,000	\$593,295	40.67%
Expenditures					
Salaries	\$18,457	\$112,467	\$214,668	\$102,201	52.39%
Fringe Benefits	\$7,966	\$53,364	\$81,814	\$28,450	65.23%
Travel/Training	\$257	\$1,226	\$2,400	\$1,174	51.08%
Supplies	-	\$456	\$1,125	\$669	40.53%
Purchased Services	\$2,827	\$49,561	\$103,125	\$53,564	48.06%
Interdepartment Charges	\$2,445	\$15,994	\$36,437	\$20,443	43.89%
Total Operating Expenditures	\$31,952	\$233,068	\$439,569	\$206,501	53.02%
Capital Outlay					
Total Expenditures	\$31,952	\$233,068	\$439,569	\$206,501	53.02%
Net Increase (Decrease)	\$54,353	\$173,637	\$560,431	\$386,794	30.98%

Equity:

Attachment: ROD (Register of Deeds/Land Info Monthly Department Report)

Ozaukee County Committee Report

Special Revenue Fund Land Information

For the Six Months Ending Friday, June 30, 2023

Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2023 YTD Actual	2023 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Taxes	\$2,394	\$14,361	\$28,722	\$14,361	50.00%
Intergovernmental Revenues	\$70,000	\$70,000	\$52,200	(\$17,800)	134.10%
Public Charges for Services	\$7,708	\$43,280	\$146,706	\$103,426	29.50%
Total Revenues	\$80,102	\$127,641	\$227,628	\$99,987	56.07%
Expenditures					
Salaries	\$4,707	\$28,243	\$115,872	\$87,629	24.37%
Fringe Benefits	\$1,576	\$10,391	\$47,135	\$36,744	22.05%
Travel/Training	-	\$885	\$9,000	\$8,115	9.83%
Supplies	-	\$11,440	\$15,400	\$3,960	74.29%
Purchased Services	\$6,653	\$26,882	\$35,000	\$8,118	76.81%
Interdepartment Charges	\$365	\$2,192	\$4,684	\$2,492	46.80%
Other Expenses	-	-	\$537	\$537	0.00%
Total Operating Expenditures	\$13,301	\$80,033	\$227,628	\$147,595	35.16%
Capital Outlay					
Total Expenditures	\$13,301	\$80,033	\$227,628	\$147,595	35.16%
Net Increase (Decrease)	\$66,801	\$47,608	-	(\$47,608)	0.00%

Equity:

Attachment: Land Information (Register of Deeds/Land Info Monthly Department Report)

Natural Resources Committee**AGENDA INFORMATION SHEET**

AGENDA DATE:	August 3, 2023
DEPARTMENT:	Land and Water Management
DIRECTOR:	Katie Vogeler
PREPARER:	Katie Vogeler

Agenda Summary LWM Monthly Reports*

ATTACHMENTS:

- July 2023 news (PUB)
- LWM Monthly Financials (PDF)

NATURAL RESOURCES COMMITTEE



LAND AND WATER MANAGEMENT DEPARTMENT

CURRENT PROJECTS AND REPORT UPDATES

JULY 2023



MISSION STATEMENT

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

Land and Water Management Department

Katie Vogeler, Director
Geoff Schramm, Land & Water Coordinator
Ed Pfister, Sanitation & Zoning Coordinator
Chase Brouillette, Soil & Water Conservationist
Barry Sullivan, Sanitation & Zoning Specialist
Tony Austin, Technical Support Specialist
Sarah Kempen, Soil Health Specialist

Ozaukee County Administration Center
Room 223
121 W. Main Street, P. O. Box 994
Port Washington, WI 53074-0994
Phone: 262-284-8313

Attachment: July 2023 news (LWM Monthly Reports)



Land & Water Resource Management

♦ Conservation Planning/Farmland Preservation (FPP)

- 94 farms currently participating in Farmland Preservation Program; status reviews will begin when fields are planted, reviews taking place weekly.

♦ Best Management Practices Design and Certification

- Multiple designs approved and awaiting installation
- More grass waterway projects have been started, completing TRM projects for DATCP/ NRCS approval very long process Administration of Cost-Share Agreements (grants)

- 2023 SWRM bonded grant – \$53,500; SWRM SEG grant – \$25,000. CIG grant \$36,644.00. Additional DATCP SWRM Funds acquired for manure pit abandonment
- Ozaukee County awarded 2022/ 23 TRM grant funds for Gasser, Hamm, and Eskra
- Contact flyer sent to RCPP landowners in Milwaukee River area

♦ Nutrient Management

- DATCP SEG money allocation has started 1 contract, manure spreading agreement—landowner wishes to discuss

♦ Environmental Education

- No participants with the conservation camp scholarship opportunities.
- Planning for farm booth

♦ NR151 Compliance Tracking

- No activity, 2 inspections occurring this month. Also dealing with heavy DNR presence this summer and following up on manure pit complaints.

♦ Manure Storage Ordinance

- CAFO expanding plans will be reviewed by WI DNR, LW Staff. I foresee a few CAFO's on the horizon, at some point the LWM will need to take a closer look at land base for manure.

♦ Stormwater Management & Construction Site Erosion Control-WPDES Permit

- Next on the To Do List is to address bacteria sources of concern into ordinance regarding our MS4 Stormwater Permit, and interns will begin water infiltration tests.

♦ Buffer Initiative– Conservation Reserve Enhancement Program (CREP)

- No activity

♦ Wildlife Damage and Abatement

Deer donation program is still trying to locate a new butcher shop. Staff is working with landowner to install a temp. fence around ponding water in the field as a deterrent for goose damage. A landowner in the Town of Belgium called in reference to Deer damage on his specialty vegetable crops– we are working with him to prescribe abatement.

♦ Tree, Shrub, Prairie Grass & Wildflower Seed Program/Pollinator Plant & Grass Sale

- Tree Program is done, ordering next years tree and shrubs will take place later this summer
- Pollinator Plant Sale—no activity

♦ Invasive Species

- We had a landowner call in regards to identifying invasive plants in her yard— we are scheduled to meet with her to help in Identification.
- We had several educational booths on invasive species to be aware of /general practices to help stop the spread of particular species.

- 2023 budget is \$152,004. for farmer incentives, meetings, field days and research

♦ Conservation/Clean Farm Families

- Ozaukee Dirt 2023 newsletter was mailed out to 259 recipients and posted in various locations in the Administration Building.
- Soil Health Demo Plot day had smaller than avg turnout, but had 3 soil pits highlighting the resiliency of the no-till/ cover cropped plot vs. conventional during this drought.
- The airseeder was the first implement to be used, with a total of 267 acres seeded far this Spring/Summer. The interseeder has so far been used as a no-till drill for beans and pasture with a total of 83 acres, and an interseeder between corn for 30 acres. The crimper has been used across 3 farms this year which is an increase to year. Total so far is 20 acres, but still waiting on last producer acres.
- A number of outreach events are scheduled for this summer, including a Familie Behind the Farm event on July 26th, a Pollinator Habitat Field Day on July 27th, a stormwater booth at Ozaukee County Fair August 2nd-5th.

9.a.1.a



Sanitation Program

♦ Sanitation Ordinance

- Two sanitation ordinance violations.
- Maintenance: 453 notices were sent in July; the Office of Corporation Counsel ccues action with non-compliant owners; 6858 reports filed to date in 2023

♦ POWTS Plan Reviews, Permits, and Final Inspections

- Eight plan reviews; eight sanitary permits; nine final inspection reports, one abandonment permits filed and finalized

♦ Miscellaneous

- Working with electronic sanitation permitting system along with LIO.
- Working on final site maps done with GIS equipment.



Shoreland and Floodplain Zoning

♦ Shoreland and Floodplain Zoning Ordinance

- One applicant for next month meeting (awaiting survey reports)

♦ Permits

- Three shoreland zoning permit for July.

♦ National Flood Insurance/Community Rating System (CRS)

- Provided floodplain information to numerous landowners.
- In fall of 2022, we completed our 5 year audit. On 4-19-2023 we received our info approval rating letter of 8 offering a 10% discount on Flood Insurance. We will be audited again in 2027.
- Provided all lenders within the county CRS information.

♦ Non-metallic Mining Reclamation

- No news

♦ Miscellaneous

Attachment: July 2023 news (LWM Monthly Reports)

Ozaukee County Committee Report
General Fund Land and Water Management
 For the Seven Months Ending Monday, July 31, 2023
 Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Prior YTD Actual	Current Month Actual	2023 YTD Actual	2023 Amended Budget	Budget Balance	% Budget YTD
Revenues						
Intergovernmental Revenues	(\$126,330)	-	(\$186,940)	\$478,790	\$665,730	-39.04%
Public Charges for Services	\$85,160	\$4,311	\$80,492	\$154,010	\$73,518	52.26%
Licenses & Permits	\$60,150	\$12,829	\$71,236	\$101,000	\$29,764	70.53%
Other Revenue	\$35,913	-	\$38,110	\$67,600	\$29,490	56.38%
Total Revenues	\$54,893	\$17,140	\$2,898	\$801,400	\$798,502	0.36%
Expenditures						
Salaries	\$307,014	\$46,741	\$299,495	\$580,576	\$281,081	51.59%
Fringe Benefits	\$105,854	\$17,110	\$121,955	\$223,008	\$101,053	54.69%
Travel/Training	\$3,845	\$197	\$6,638	\$16,725	\$10,087	39.69%
Supplies	\$11,194	\$15,161	\$24,531	\$38,778	\$14,247	63.26%
Purchased Services	\$285,443	\$1,157	\$21,587	\$146,443	\$124,856	14.74%
Interdepartment Charges	\$28,926	-	\$20,213	\$44,309	\$24,096	45.62%
Grants	\$23,312	\$7,938	\$45,858	\$268,818	\$222,960	17.06%
Other Expenses	\$69,180	\$2,800	\$62,932	\$93,603	\$30,671	67.23%
Total Operating Expenditures	\$834,768	\$91,104	\$603,209	\$1,412,260	\$809,051	42.71%
Capital Outlay						
Buildings & Land	\$241,000	-	-	-	-	0.00%
Total Capital Outlay	\$241,000	-	-	-	-	0.00%
Total Expenditures	\$1,075,768	\$91,104	\$603,209	\$1,412,260	\$809,051	42.71%
Net Increase (Decrease)	(\$1,020,875)	(\$73,964)	(\$600,311)	(\$610,860)	(\$10,549)	98.27%
Equity:						
Assigned	(\$135,447)	-	(\$146,145)	-	\$146,145	0.00%
Due To / Due From	(\$754,147)	(\$73,963)	(\$535,985)	-	\$535,985	0.00%

Attachment: LWM Monthly Financials (LWM Monthly Reports)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: August 3, 2023
DEPARTMENT: Planning and Parks
DIRECTOR: Andrew Struck
PREPARER: Andrew Struck

Agenda Summary Increase of Revenue Budget Amendment for a Wisconsin Department of Natural Resources Office of Great Waters Grant for a Lake Sturgeon Habitat Assessment and Management Plan for the Milwaukee River

BACKGROUND INFORMATION: The Ozaukee County - Planning and Parks Department (Department) was awarded a grant from the Wisconsin Department of Natural Resources (WDNR) Office of Great Waters (OGW) grant program. Specifically, the Department will continue to coordinate and complete a lake sturgeon habitat assessment and management plan for the Milwaukee River. The Department has received and accepted previous WDNR and Fund For Lake Michigan (FFLM) grants to conduct a review on efforts, research and findings related to the status of lake sturgeon habitat in the Milwaukee River, conduct side scan sonar assessments for the Ozaukee County portion of the Milwaukee River from County Line Road to the Bridge Street Dam and instream habitat on Cedar Creek from its confluence with the Milwaukee River to the Nail Factory Dam, complete targeted field habitat assessments for verification at multiple locations, and provide recommendations for future assessments, analysis and potential restoration projects for a management plan. The WDNR OGW grant will support completion and refinement of these tasks and collection of additional physical habitat measurements (e.g., water velocities, substrate classifications, and topographic surveys) in areas that appear to have suitable water velocity and depths needed for sturgeon spawning per the initial mapping results. This project will occur in conjunction with ongoing WDNR and UW-Milwaukee School of Freshwater Sciences efforts to complete side scan sonar assessments and additional physical habitat measurements on the Milwaukee River in Milwaukee County and in the Lake Michigan Basin.

ANALYSIS: The WDNR OGW grant award is \$75,000. The Ozaukee County Natural Resources Committee unanimously approved the submittal and acceptance of the WDNR OGW grant application at its July 7, 2022 meeting (Ayes: Holyoke, Jobs, Ross, Matera, Schoessow). No formal match is required. There have been no changes to the project scope or budget since grant submittal.

FISCAL IMPACT:

Balance Current Year: NONE (Additional Program Revenue of \$20,000)

Next Year's Estimated Cost: NONE (Additional Program Revenue of \$55,000)

FUNDING SOURCE:

County Levy: Non-County Levy: X Indicate source: WDNR OGW grant.

RECOMMENDED MOTION: Approve and recommend to the Ozaukee County Board of Supervisors the budget amendment for the Wisconsin Department of Natural Resources Office of Great Waters grant for a Lake Sturgeon Habitat Assessment and Management Plan for the Milwaukee River.

ATTACHMENTS:

- BA_2023_NRC08032023_WDNR OGW_LS Habitat_ATSFinal072023 (PDF)
- P&P_Dept_Lake Sturgeon Habitat Project Map (PDF)

NATURAL RESOURCES COMMITTEE



Budget Amendment Request Committee Approval Form

10.a.1.a

TO: **Finance Committee**

FROM: **Planning and Parks Department**
Department Name

Date of Request: **7/20/2023**

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	\$ 64,500	A/C #	222-01-01-42310-000	\$ 75,000
	<i>Pre-request Account's Budget</i>	<i>Changed To</i>		<i>Pre-request Account's Budget</i>	<i>Changed To</i>
Cost Ctr & A/C Desc	Regular Salaries and Wages		Cost Ctr & A/C Desc	State Aid - WDNR OGW - LS Habitat	
Acct #	222-01-01-52002-000	\$ 500	A/C #		\$ -
	<i>Pre-request Account's Budget</i>	<i>Changed To</i>		<i>Pre-request Account's Budget</i>	<i>Changed To</i>
Cost Ctr & A/C Desc	Travel/Mileage		Cost Ctr & A/C Desc		
Acct #	222-01-01-53601-000	10,000	A/C #		\$ -
	<i>Pre-request Account's Budget</i>	<i>Changed To</i>		<i>Pre-request Account's Budget</i>	<i>Changed To</i>
Cost Ctr & A/C Desc	Other Material Supplies		Cost Ctr & A/C Desc		
Acct #		\$ -	A/C #		\$ -
	<i>Pre-request Account's Budget</i>	<i>Changed To</i>		<i>Pre-request Account's Budget</i>	<i>Changed To</i>
Cost Ctr & A/C Desc			Cost Ctr & A/C Desc		
Acct #		\$ -	A/C #		\$ -
	<i>Pre-request Account's Budget</i>	<i>Changed To</i>		<i>Pre-request Account's Budget</i>	<i>Changed To</i>
Cost Ctr & A/C Desc			Cost Ctr & A/C Desc		
Acct #		\$ -	A/C #		\$ -
	<i>Pre-request Account's Budget</i>	<i>Changed To</i>		<i>Pre-request Account's Budget</i>	<i>Changed To</i>
Cost Ctr & A/C Desc			Cost Ctr & A/C Desc		
Total Debits:		75,000	Total Credits:		75,000

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

This is an increase in revenue for an existing grant recieved (Project #222-0006-00039) from the Wisconsin Department of Natural Resources Office of Great Waters for a Lake Sturgeon Habitat Assessment and Management Plan for the Milwaukee River. This increase in revenue is for: 1) Regular Salaries and Wages; 2) Travel / Mileage; and 3) Other Material Supplies.

Department Head Signature _____

Oversight Committee Members

TYPE IN Oversight Committee Chairperson's Name _____

Finance Committee Members

Date of Meeting _____

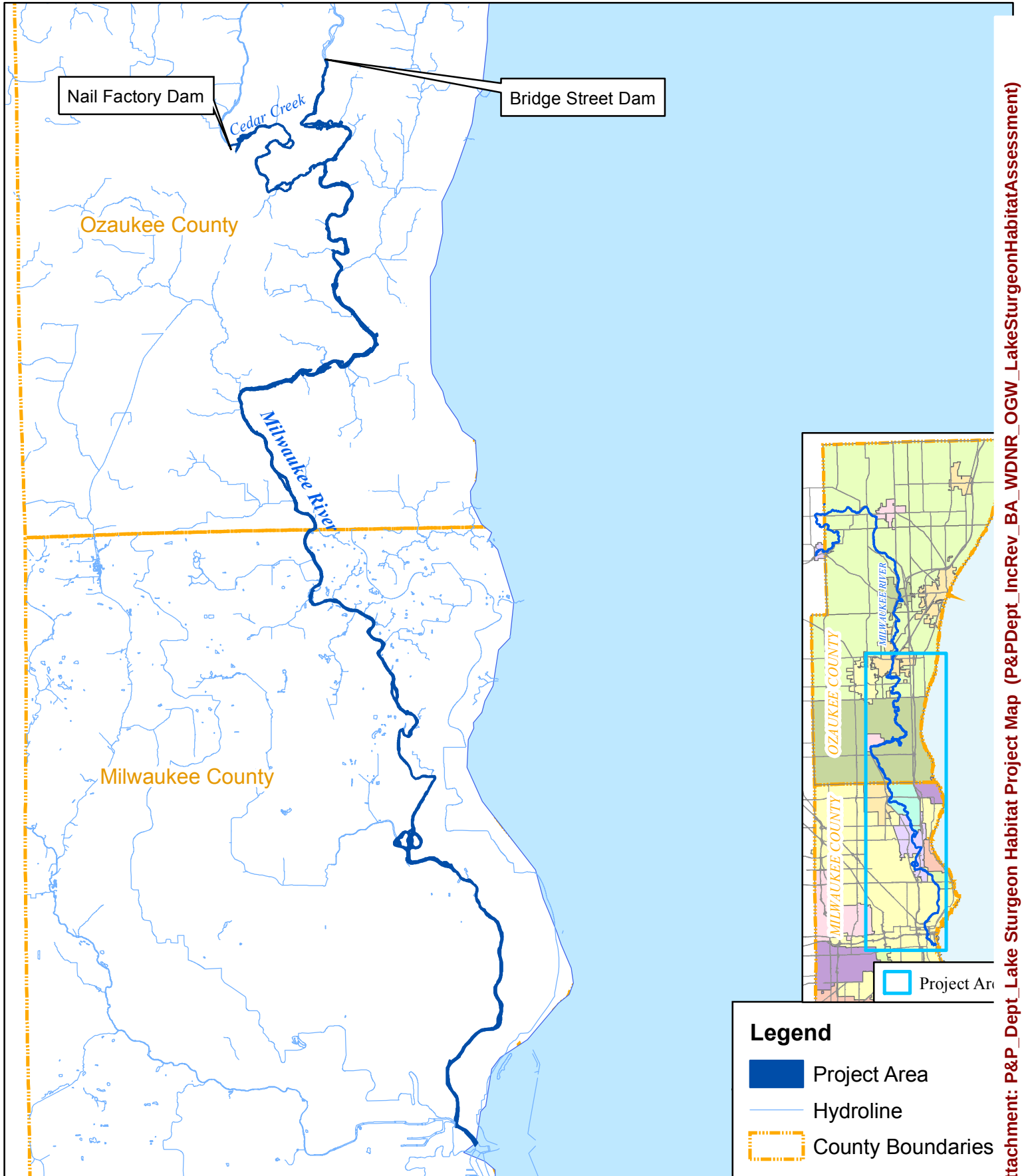
Date of Meeting _____

Date Amended: _____

Budget Amended By: _____

Lake Sturgeon Habitat Assessment Project Area

10.a.1.b



Attachment: P&P_Dept_Lake Sturgeon Habitat Project Map (P&PDept_IncRev_BA_WDNR_OGW_LakeSturgeonHabitatAssessment)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: August 3, 2023
DEPARTMENT: Planning and Parks
DIRECTOR: Andrew Struck
PREPARER: Andrew Struck

Agenda Summary Increase of Revenue Budget Amendment for a Great Lakes Sportfisherman Donation for Fish Passage and Habitat Restoration on Sucker Creek

BACKGROUND INFORMATION: The Ozaukee County - Planning and Parks Department (Department) has received a cash donation from the Great Lakes Sport Fisherman - Ozaukee Chapter (GLSF) to support fish passage and aquatic habitat restoration activities on Sucker Creek in the Town of Port Washington. The Department has provided multiple education and outreach presentations to GLSF on activities to improve fish passage and aquatic habitat restoration in Ozaukee County and tributaries to Lake Michigan and most recently in early 2023. This donation will support construction and restoration activities at a fish passage remediation project on Sucker Creek in the Town of Port Washington. Remediation activities will include in-stream grade controls and bank and in-stream structure restoration completed by the Department and Ozaukee County Highway Department.

ANALYSIS: The total GLSF donation amount is \$5,000, and secured Wisconsin Department of Natural Resources (WDNR) Office of Great Waters (OGW) grant will support remaining project activities for a total project cost of approximately \$33,000.

FISCAL IMPACT: Balance Current Year: NONE (Additional Revenue \$5,000)

Next Year's Estimated Cost: NONE

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

Indicate source: GLSF Donation and WDNR OGW grant.

RECOMMENDED MOTION: Approve and recommend to the Ozaukee County Board of Supervisors the budget amendment for the Great Lakes Sport Fisherman - Ozaukee Chapter donation for fish passage and habitat restoration activities on Sucker Creek.

ATTACHMENTS:

- BA_2023_NRC08032023_GLSF Donation_Sucker Creek_ATSFinal072623 (PDF)
- P&P_Dept_SuckerBrook_StreamImpediments (PDF)

NATURAL RESOURCES COMMITTEE



Budget Amendment Request Committee Approval Form

10.a.2.a

TO: **Finance Committee**
FROM: **Planning and Parks Department**
Department Name
Date of Request: **7/26/2023**

Resolution No: _____
Period Transfer Recorded: _____
Type of Budget Amendment (check one)
Increase of Revenue: **X**
Fund Transfer: _____
Supplemental Appropriations: _____

Debit / Expense			Credit / Revenue		
Acct #	222-01-01-54104-000	\$ 2,500	A/C #	222-01-01-49501-000	\$ 5,000
	Pre-request Account's Budget	Changed To		Pre-request Account's Budget	Changed To
Cost Ctr & A/C Desc	Engineering Services		Cost Ctr & A/C Desc	GLSF Donation - Sucker Creek Fish Passage	
Acct #	222-01-01-55103-000	\$ 2,500	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		
Acct #			A/C #		\$ -
	Pre-request Account's Budget	Changed To		Pre-request Account's Budget	Changed To
Cost Ctr & A/C Desc			Cost Ctr & A/C Desc		
Acct #		\$ -	A/C #		\$ -
	Pre-request Account's Budget	Changed To		Pre-request Account's Budget	Changed To
Cost Ctr & A/C Desc			Cost Ctr & A/C Desc		
Acct #		\$ -	A/C #		\$ -
	Pre-request Account's Budget	Changed To		Pre-request Account's Budget	Changed To
Cost Ctr & A/C Desc			Cost Ctr & A/C Desc		
Acct #		\$ -	A/C #		\$ -
	Pre-request Account's Budget	Changed To		Pre-request Account's Budget	Changed To
Cost Ctr & A/C Desc			Cost Ctr & A/C Desc		
Total Debits:		5,000	Total Credits:		5,000

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

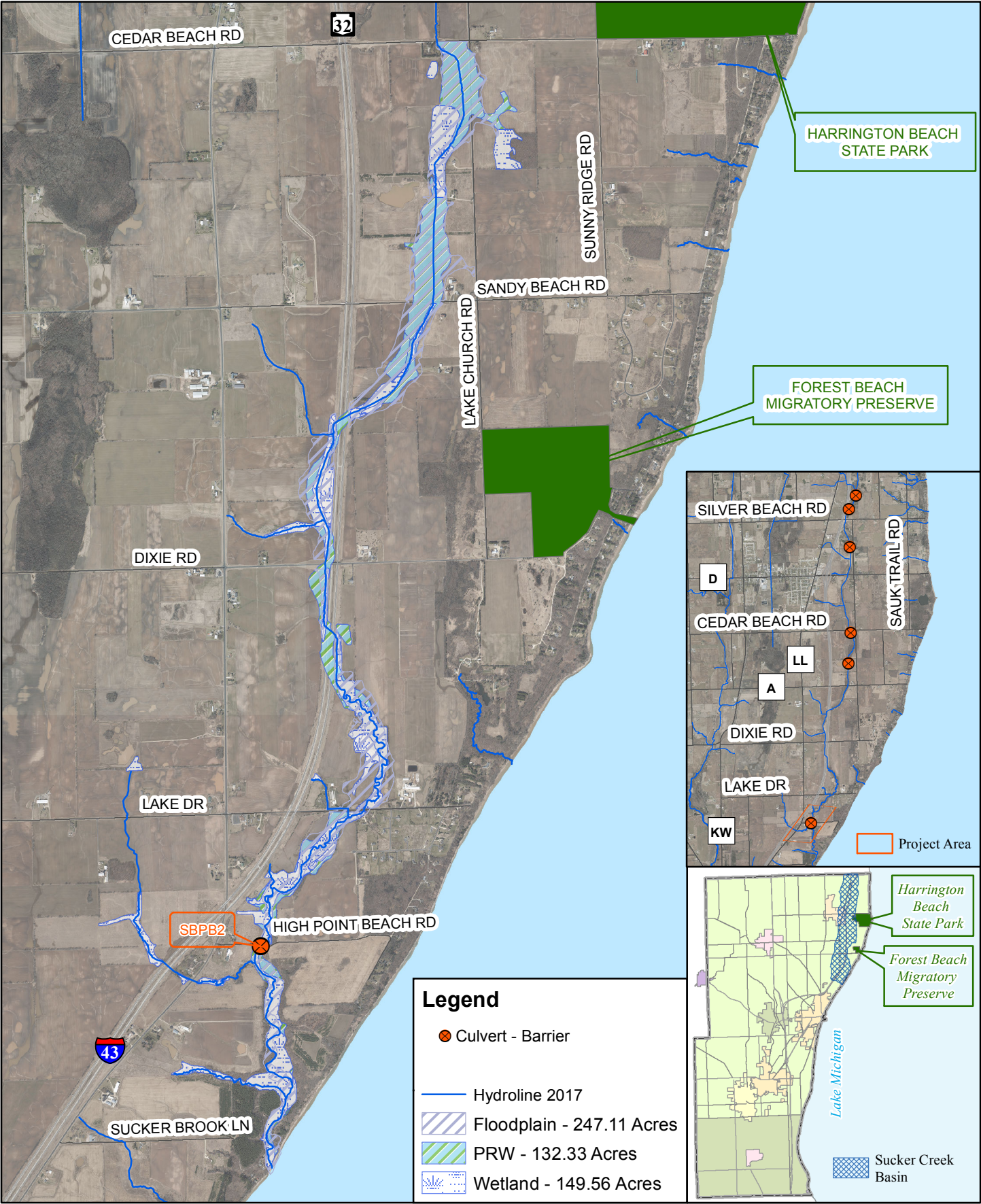
This is an increase in revenue for a donation received (Project #222-0009-00009) from the Great Lakes Sport Fisherman - Ozaukee Chapter to support fish passage and habitat restoration activities on Sucker Creek in the Town of Port Washington. This increase in revenue is for: 1) Engineering Services; and 2) Highway - Grounds Maintenance & Construction.

Department Head Signature	TYPE IN Oversight Committee Chairperson's Name
Oversight Committee Members	Finance Committee Members
Date of Meeting	Date of Meeting

Date Amended: _____

Budget Amended By: _____

Sucker Brook Creek - Stream Impediments



Attachment: P&P_Dept_SuckerBrook_StreamImpediments (P&PDept_IncRev_BA_GLSFDonation_FishPassageSuckerCreek)



0 0.3 0.6 1.2 Miles



Map Produced By: Ozaukee County
Planning and Parks Department
10/23/2017

RESOLUTION NO. (ID # 9506)

APPLICATION AND ACCEPTANCE OF A WISCONSIN DEPARTMENT OF NATURAL RESOURCES COUNTY CONSERVATION AIDS GRANT FOR PRAIRIE RESTORATION ACTIVITIES AT CLAY BLUFFS CEDAR GORGE NATURE PRESERVE 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 to assist with enhancing county/tribal fish and wildlife projects under s. 23.09(12), Wis. Stats; and

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

WHEREAS, the primary project goal is to restore 10 acres of old-field/former agricultural land into a native warm-season prairie at Clay Bluffs Cedar Gorge Nature Preserve, an Ozaukee County Park, in the City of Port Washington; and

WHEREAS, The Department and the Ozaukee Washington Land Trust acquired the 134-acre Clay Bluffs Cedar Gorge Nature Preserve in fall 2022 with the support of Ozaukee County, multiple 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 improving public access and habitat both throughout the new park and to Lake Michigan; and

WHEREAS, public access improvements and habitat restoration projects are part of the goals and requirements of several of the acquisition grants inclusive of the Park Master Plan and OWLT conservation easement; 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 adopted *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 10-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 wildlife 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 a secured Wisconsin Coastal Management Program 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 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 6th day of September, 2023.

SUMMARY: Application and Acceptance by the Planning and Parks Department of a Wisconsin Department of Natural Resources County Conservation Aids grant for prairie restoration activities at Clay Bluffs Cedar Gorge Nature Preserve County Park.

VOTE REQUIRED: Majority

NATURAL RESOURCES COMMITTEE

NATURAL RESOURCES COMMITTEE

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE:	August 3, 2023
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 At Clay Bluffs Cedar Gorge Nature Preserve 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 10 acres of old-field/former agricultural land into a native warm-season prairie at Clay Bluffs Cedar Gorge Nature Preserve County Park (Nature Preserve), an Ozaukee County Park, in the City of Port Washington. The Department and the Ozaukee Washington Land Trust acquired the 134-acre Nature Preserve in fall 2022 with the support of Ozaukee County, multiple 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 improving public access and restoring habitat both throughout the new park and to Lake Michigan. In addition, public access improvements and habitat restoration projects (e.g., wetland and prairie/grassland restoration and reforestation) are part of the goals and requirements of several of the acquisition grants inclusive of the Park Master Plan and OWLT conservation easement. The proposed effort will be the first phase of prairie restoration planned for the parcel as part of the Park Master Plan. The WDNR CCA grant will support Department activities to purchase seed and restore old field/former agricultural land to native prairie in order to provide habitat for grassland bird species and pollinators (e.g., bees and butterflies) within the Nature Preserve. 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), 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>> (page 10) related to the enhance quality of life assets strategic goal and the final draft of the Clay Bluffs Cedar Gorge Nature Preserve County Park Master Plan..

ANALYSIS: Proposals to the WDNR CCA grant program are due October 1, 2023. The CCA grant program revenue comes from 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 \$3,500. A 50% match is required, which will be provided by a secured Wisconsin Coastal Management Program (WCMP) grant and pending US Fish and Wildlife Service (USFWS) Partners in Wildlife grant and the County through in-kind staff time, equipment and supplies and mileage for a total project cost of \$18,245.

FISCAL IMPACT:

Balance Current Year: NONE (Additional Program Revenue - \$3,500)

Next Year's Estimated Cost: NONE

FUNDING SOURCE:

Non-County Levy: X

Indicate source: WDNR CCA grant, WCMP grant (secured), USFWS Partners in Wildlife grant (pending) and in-kind 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 Clay Bluffs Cedar Gorge Nature Preserve County Park in the City of Port Washington.

ATTACHMENTS:

- Grant Application
Summary_WDNRCCA_CBCGNP_PrairieRestoration_ATSFinal072623 (PDF)
- P&P_Dept_WDNRCCAProgramGuidance (PDF)
- ConceptualSitePlan_PrairieRestoration_PhaseI_7.24.23 (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.***

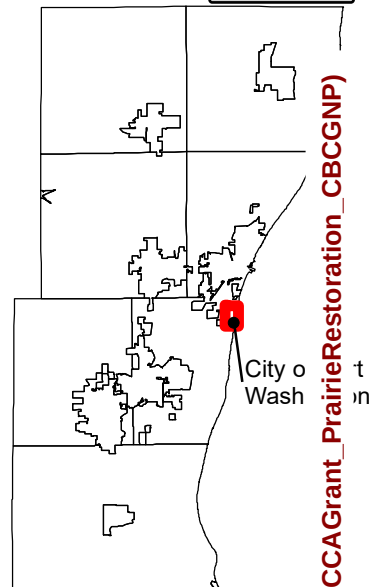
Clay Bluffs Cedar Gorge Nature Preserve (134 +/- Acres)

10.a.3.c

Phase I Prairie Restoration

Planned
Bike Parking

Maintenance Road/
Maintenance Parking



Legend

- Nature Preserve
- Prairie Restoration - Phase I (16.1 +/- Acres)
- Planned Multi-Use Trail (Paved)
- Paved Trail (Universally Accessible)
- Gravel Trail (Universally Accessible)
- Woodchip/Grass Trail
- Boardwalks
- Deck Overlook
- X Future Observation Tower
- Parking (Paved)
- Pavilion/Bathroom
- Bridge
- Native Landscaping/Wooded
- Maintenance Road
- Not Encumbered by Fed. Grants
- Staircase to Lake Michigan
- Hydroline
- Wetland (WWI, 2019)
- Potentially Restorable Wetland
- Port Washington Clay Banks NA
- Cedar Gorge NA
- Existing Forest
- Existing Shrub-Carr/Forest

Restoration Areas

- Clay Seepage Bluff
- Prairie/Wet Prairie
- Woodland

Planned
Future Pavilion/
Bathroom

Lake Michigan

Potential Future
Trail Connection

0 250 500 1,000 Feet



RESOLUTION NO. (ID # 9507)

APPLICATION AND ACCEPTANCE OF A WISCONSIN DEPARTMENT OF NATURAL RESOURCES SURFACE WATER PLANNING GRANT TO SUPPORT WATER QUALITY MONITORING ACTIVITIES ON THE LITTLE MENOMONEE RIVER AND CREEK, MOLE CREEK AND ULAO CREEK IN OZAUKEE COUNTY

WHEREAS, the Ozaukee County Planning and Parks Department is applying for Wisconsin Department of Natural Resources (WDNR) cost share Surface Water Planning Grant funding under a competitive request for proposals; and

WHEREAS, the primary goal of the project is to fund County activities to monitor water quality in conjunction with large-scale habitat restoration projects on the Little Menomonee River and Creek in the City of Mequon, Mole Creek in the Town of Saukville and Ulao Creek in the Town of Grafton and City of Mequon, and to determine the effectiveness of stream re-meandering and floodplain/wetland restoration as a best management practice to reduce pollutant loads (e.g., Total Maximum Daily Load - TMDL's) as well as provide baseline data for TMDL implementation; and

WHEREAS, financial aid is required to carry out the project; and

WHEREAS, the project is an integral part of the adopted Multi-Jurisdictional Comprehensive Plan for Ozaukee County: 2035 and is complimentary and consistent with other grant funded projects being implemented within the Fish Passage Program and the overall Ecological Division; and

WHEREAS, this project is also consistent with the adopted Park and Open Space Plan for Ozaukee County, the Farmland Preservation Plan for Ozaukee County, the County Board endorsed Regional Water Quality Management Plan for Southeastern Wisconsin 2000 prepared by the Southeastern Wisconsin Regional Planning Commission (SEWRPC) and partners, the 9 Key Element plan developed for the Cedar, Pigeon, Ulao and Mole Creek Watersheds, as well as several other State and Federal plans; and

WHEREAS, the project will support continuous water quality monitoring activities (conductivity, water temperature, water depth, dissolved oxygen and pH), and grab sample water quality monitoring (E. coli, total phosphorus, orthophosphate, chloride and total suspended solids) according to approved USEPA Quality Assurance Project Plan (QAPP) procedures and methodologies and consistent with the Total Maximum Daily Loads (TMDL) procedures; and

WHEREAS, this project will continue the Planning and Parks Department Ecological Division's goal to reestablish ecological and biological connections in conjunction with protecting and restoring habitat and water quality throughout the watershed; and

WHEREAS, the Surface Water Planning grants will provide for up to 67% of the total project cost up to \$10,000 and the remaining matching funds would be provided by in-kind staff time, travel and supplies.

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 behalf of Ozaukee County to sign and submit a WDNR Surface Water Planning Grant application, accept and sign a grant agreement between Ozaukee County the WDNR, act as the primary contact on the project, submit interim and/or final reports to the WDNR to satisfy the grant agreement, submit grant reimbursement requests to the WDNR along with necessary supporting documentation, 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 6th day of September, 2023.

SUMMARY: Application and acceptance by the Planning and Parks Department of a Wisconsin Department of Natural Resources Surface Water Planning Grant to support water quality monitoring activities on the Little Menomonee River and Creek, Mole Creek and Ulao Creek in Ozaukee County.

VOTE REQUIRED: Majority

NATURAL RESOURCES COMMITTEE

NATURAL RESOURCES COMMITTEE

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE:	August 3, 2023
DEPARTMENT:	Planning and Parks
DIRECTOR:	Andrew Struck
PREPARER:	Andrew Struck

Agenda Summary Application And Acceptance Of A Wisconsin Department Of Natural Resources Surface Water Planning Grant To Support Water Quality Monitoring Activities On The Little Menomonee River And Creek, Mole Creek And Ulao Creek In Ozaukee County

BACKGROUND INFORMATION: The Ozaukee County - Planning and Parks Department (Department) proposes to submit a grant application to the Wisconsin Department of Natural Resources (WDNR) Surface Water Planning (SWP) Grant Program. Specifically, this grant will fund County activities to continue to monitor water quality conditions on the Little Menomonee River and Creek in the City of Mequon, Mole Creek in the Town of Saukville and Ulao Creek in the Town of Grafton and City of Mequon. Water quality monitoring will provide data to establish pre and post construction conditions at the ongoing habitat restoration projects being implemented on all streams and allow for analysis of water quality impacts as a result of restoration activities. The habitat restoration projects include: stream re-meandering, restoration of hydrologically and biologically functional floodplains, bank and in-stream structure restoration, wetland enhancements, invasive vegetation management and control, and native vegetation planting and restoration. Specifically, this SWP grant will support continuous and grab sample water quality monitoring to determine the effectiveness of stream re-meandering and floodplain/wetland restoration as a best management practice to reduce pollutant loads (e.g., Total Maximum Daily Loads - TMDL's). County staff will complete continuous water quality monitoring activities (conductivity, water temperature, water depth, dissolved oxygen, and pH), and grab sample water quality monitoring (E. coli, total phosphorus, orthophosphate, chloride and total suspended solids) according to approved USEPA Quality Assurance Project Plan (QAPP) procedures and methodologies and consistent with Total Maximum Daily Load (TMDL) procedures. This project is a continuation of WDNR grants received by the Department from 2017-2022 for similar water quality monitoring and is consistent with other grant funded projects being implemented within the Fish Passage Program and overall Ecological Division. This project is also 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) 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), 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) "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), the goals and objectives of the "General Natural Resource Issue" to preserve and enhance Ozaukee

County's natural resources, including Lake Michigan, open space and agricultural land which includes objections to develop methods to protect and preserve water quality (page 271) and the "Surface and Groundwater Resources and Watersheds Issue" goal of protecting and enhancing surface water quality in Ozaukee County (pages 276 - 277), the [SEWRPC Regional Water Management Plan for Southeastern Wisconsin 2000](https://www.sewrpc.org/SEWRPCFiles/Publications/pr/pr-030_vol-03_regional_water_quality_management_plan_2000.pdf) <https://www.sewrpc.org/SEWRPCFiles/Publications/pr/pr-030_vol-03_regional_water_quality_management_plan_2000.pdf> (pages 99 - 102) and is consistent with the water quality monitoring recommendations of the recently adopted [9 Key Element Plan for the Cedar, Pigeon, Ulao and Mole Creek Watersheds](https://dnr.wisconsin.gov/topic/Nonpoint/9keyElement/planMap.html) <<https://dnr.wisconsin.gov/topic/Nonpoint/9keyElement/planMap.html>>. (pages 50 - 51) developed by the Southeastern Wisconsin Watersheds Trust, Inc. and SEWRPC. This grant opportunity is also identified as an agricultural, natural and cultural resource program available in Ozaukee County to advance the goals of the [Farmland Preservation Plan for Ozaukee County](https://www.co.ozaukee.wi.us/871/Farmland-Preservation-Plan) <<https://www.co.ozaukee.wi.us/871/Farmland-Preservation-Plan>> which includes improvements to water quality (Appendix J-6, section VI-14).

ANALYSIS: Proposals to the WDNR SWP grant program are due November 15, 2023. The WDNR SWP grant request is \$10,000. WDNR SWP grants may be awarded for up to 67% of the total project cost up to \$10,000. The remaining project match will be provided by in-kind staff time, travel and supplies for a total project cost of \$21,811.

FISCAL IMPACT:

Balance Current Year: NONE

Next Year's Estimated Cost: NONE (Additional Program Revenue of \$10,000)

FUNDING SOURCE:

County Levy: Non-County Levy: X

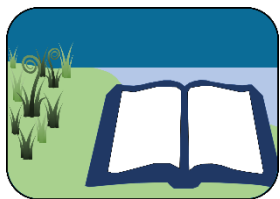
Indicate source: WDNR SWP and in-kind Department staff time, travel and supplies.

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 - Surface Water Planning grant program for water quality monitoring activities on Little Menomonee River and Creek and Mole Creek and Ulao Creek in Ozaukee County in conjunction with large-scale habitat restoration projects.

ATTACHMENTS:

- Grant Application Summary_WDNRSWP_WQ Monitoring_LMR_Mole_Ulao_ATSFinal072623 (PDF)
- P&P_Dept_WDNR SurfaceWaterPlanning RFP (PDF)
- LittleMenomoneeRiverWaterSampling_public access_WDNRSWPFY24(PDF)

Surface Water Planning



Surface water planning grants can be used to assess surface water quality or to create a plan outlining future management actions for the benefit of surface water. Planning projects must lay the groundwork to protect or improve surface water, prevent pollution, prevent aquatic invasive species, or protect or improve aquatic ecosystems, including biological populations and habitat. For more details, see [Appendix B: Management Planning](#).

PREREQUISITES

Eligible organization

Applicants must submit their pre-application by Sept. 15, final applications are due Nov. 15.

FUNDING

Grants may be awarded for up to 67% of total project costs, up to \$10,000.

No more than 20% of the funding for a planning project may support education and outreach.

The maximum annual total of education and planning grants per waterbody or grantee is \$50,000.

Lakes exceeding 475 littoral acres are eligible for more than one Surface Water Planning grant if necessary to accomplish planning goals.

REIMBURSEMENTS

One grant advance is available for up to 75% of the total grant award.

25% of the grant award is retained until approval of deliverables and reimbursement.

EXAMPLES OF ELIGIBLE SURFACE WATER PLANNING PROJECTS

Preparing to Plan projects can help take the first steps toward a comprehensive management plan. Eligible projects are various. Projects might identify data gaps, collect new data, assess condition following the [Wisconsin Consolidated Assessment and Listing Methodology](#) (WisCALM), identify management challenges, assess historical management and outline planning needs before starting.

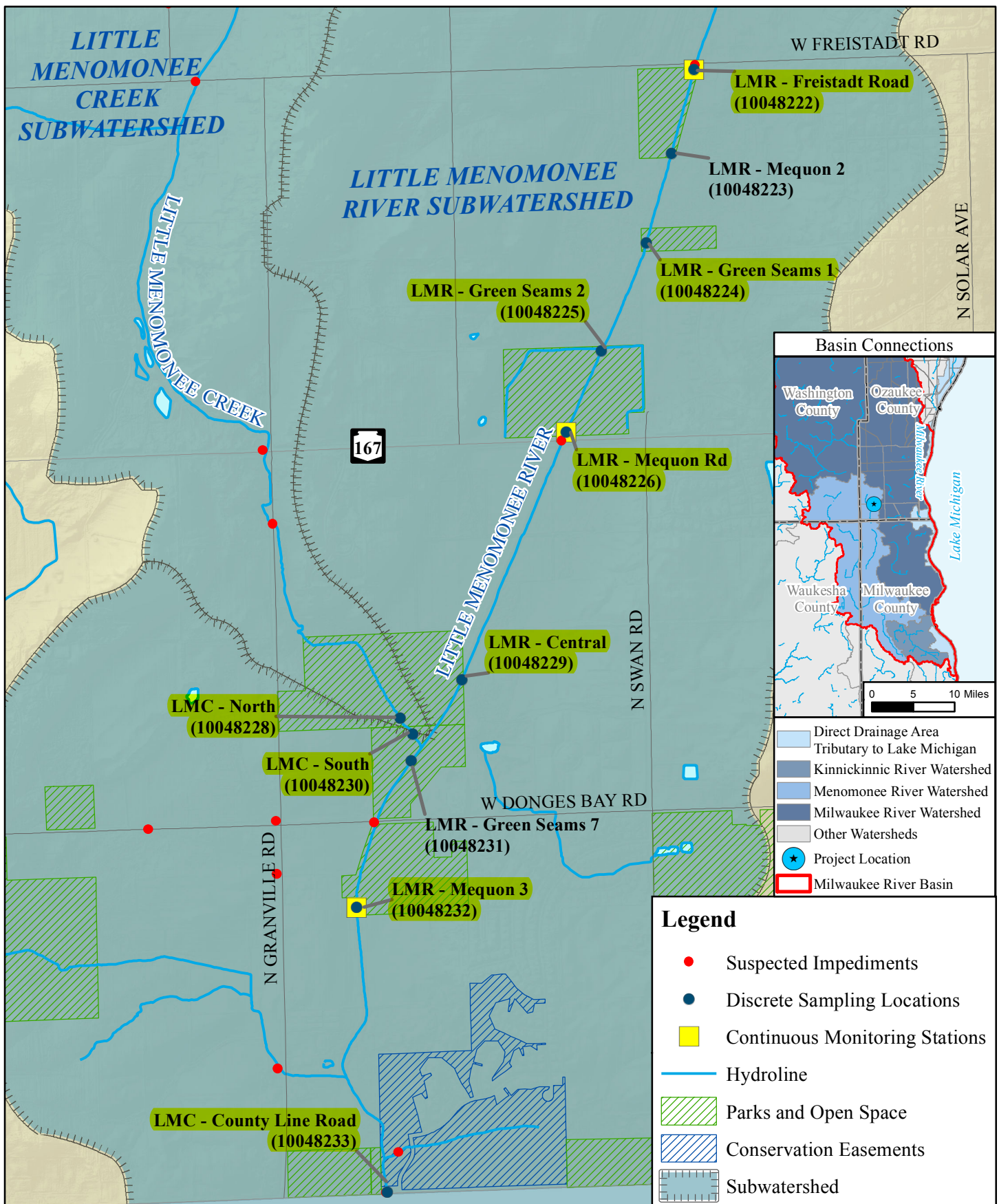
Management Plans & Plan Update projects will write a focused management plan to address a specific management challenge or will update any management plan when necessary. Example challenges appropriate for a focused plan include aquatic plant management projects that don't require a large-scale approach, or lake protection plans for small lakes with healthy watersheds. Updates to management plans that have been implemented will have priority over those that have not. See the list of required elements for management plans in [Appendix B: Management Planning](#).

Organization & Community Assessment projects focus on the social dimensions of collaborative planning projects. See [Appendix C: Social Science Tools](#). Projects may identify stakeholders, determine a community's capacity to carry out a project, identify values or define management goals or objectives.

Water Quality, Watershed, or Aquatic Life Assessment projects attempt to understand ecological condition and contribute to planning and management. These projects often collect or assemble and analyze data on waterbodies, biological populations, or watersheds. Eligible projects might conduct WisCALM assessments, conduct field surveys, inventory stressors, or predict (model) the outcome of management actions.

Pre-Implementation projects provide a transition between planning and implementation. Design work may be required before a project is "shovel-ready". A pre-implementation project might result in engineering plans, site assessments, modelling or design plans. Projects should contribute to the implementation of projects that will benefit surface water. Projects related to dredging feasibility must focus on evaluating alternatives, determining sources, and finding long-term solutions.

Little Menomonee River and Creek Water Quality Sampling Locations



Attachment: LittleMenomoneeRiverWaterSampling_public access_WDNRSWPFY24

RESOLUTION NO. (ID # 9508)

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

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

WHEREAS, this project will improve the local ecology, aesthetics and native vegetation at Covered Bridge County Park in the Town of Cedarburg, Mee-Kwon County Park in the City of Mequon, River Oaks County Park in the Town of Grafton and Ulao Creek Nature Preserve in the Village of Grafton, by removing ash trees impacted by Emerald Ash Borer, planting and inventorying native trees, 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 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 in-kind County staff time, equipment, supplies, contractual items as funded under other grant funds and volunteer time; and

WHEREAS, this grant is for the 2024 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 6th day of September 2023.

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 3, 2023
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, 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> 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) [<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 2, 2023. The total grant request is \$25,000. A 50% local match is required, which would be provided by other private foundation support (pending), in-kind staff time, mileage, supplies, equipment, contractual and volunteer time for a total project cost of \$50,000. The grant is for the 2024 calendar year, starting on January 1, 2024.

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, other private foundation support (pending), and in-kind staff time, supplies, equipment, contractual and volunteer time.

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 tree planting and inventory activities, 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.

ATTACHMENTS:

- Grant Application Summary_WDNRUF_NewParkParcelsForestry_ATSFinal072623 (PDF)
- P&P_Dept_WDNRUF_RFP (PDF)
- P&P_Dept_WDNRUF Project Locations_Map (PDF)

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:** \$50,193**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

- EAB Mgmt/Ash Tree Removal, Native Tree Planting/Inventory and Education/Outreach

Other Grants Supporting Project**Status****Amount**

\$0

\$0

\$0

\$0

Project Partners:

- Americorps NCCC, GLCCC, MCSC, WisCorps

Project Landowner Upon Completion:

- Ozaukee County

Project Risks:

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

Comments

- Serve as match to other grants

GRANT EXPENSE

Operational Expense	\$
Salaries/Fringe Benefits	\$17,369
Travel/Mileage	\$131
Supplies	\$200
Training/Workshops	\$300
Capital Expense	\$
Contractual (Cons. Corps)	\$7,000
TOTAL	\$25,000
% PROJECT	50%

GRANT/PROJECT MATCH

Operational Match	\$
Salaries/Fringe Benefits	\$9,330
Supplies	\$300
Equipment	\$4,563
Contractual	\$11,000
Other Grants	\$
0	
TOTAL	\$25,193
% MATCH	50%

GRANT SUPPORTED STAFF

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

DEPARTMENT REVENUES

Department	\$
Salaries/Fringe Benefits	\$17,369
Travel/Mileage	\$131
Supplies	\$200
Contractual (Corps, Etc)	\$7,000
Training/Workshops	\$300
TOTAL	\$25,000

Major Milestones

Major Milestones		Date
Tree Planting / Inventory		Nov-24
Education/Outreach/Staff Training		Nov-24
EAB Management/Ash Tree Removal		Dec-24
Final Reporting		Mar-25
Duration:	1 Year	Extension: NA



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.

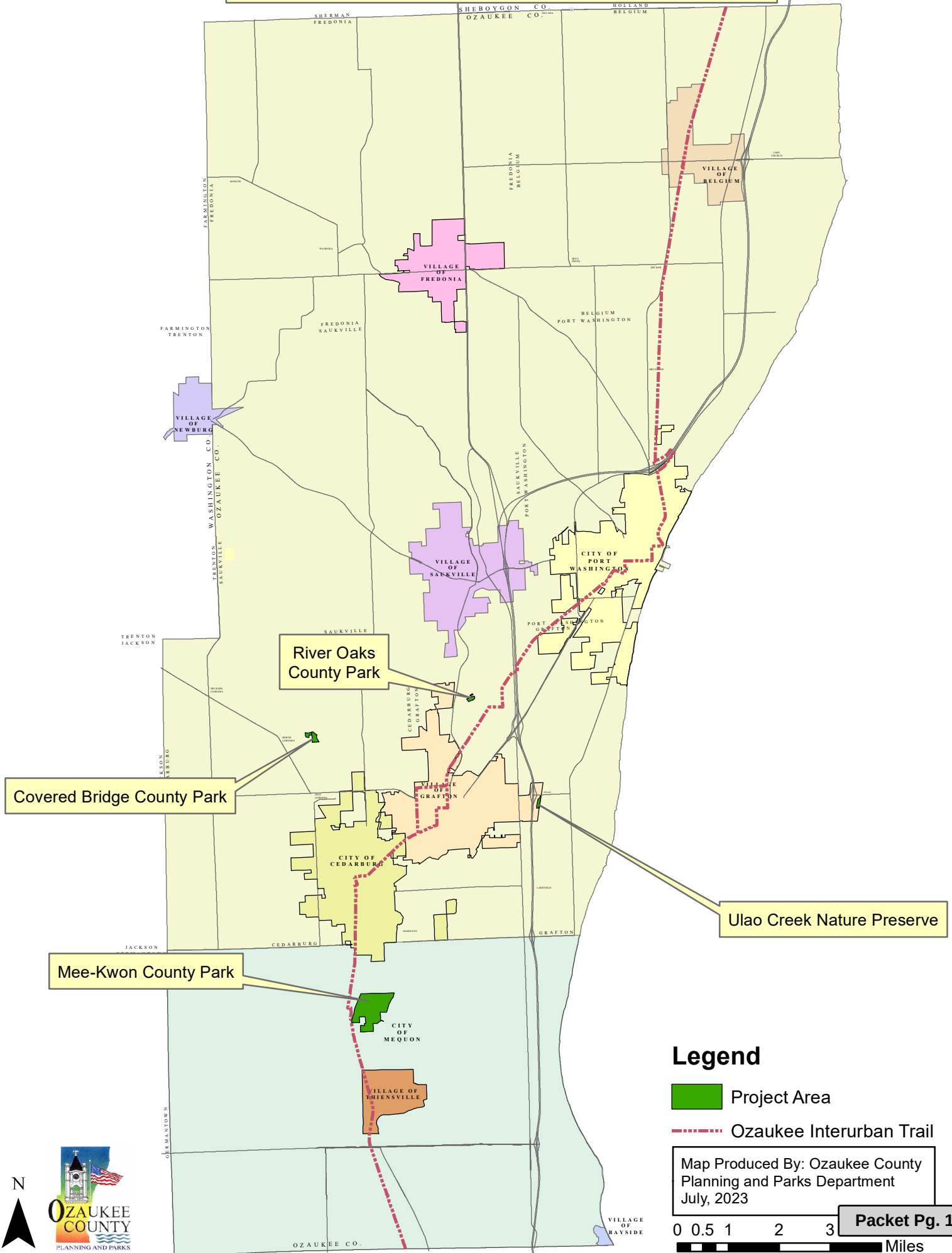
Ineligible projects include, but are not limited to:

- 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.

2024 WDNR Urban Forestry Grant Project Areas

Forest Management in the Ozaukee County Park System

10.a.5.c



Attachment: P&P_Dept_WDNRUF Project Locations_Map (P&PDept_SubmitAccept_WDNR_UFGrant_OzaukeeCountyNewParks)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: August 3, 2023
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 in Hawthorne Hills 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 Fund 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 2.5 acres of old-field into a native warm-season prairie in Hawthorne Hills County Park, an Ozaukee County Park, in the town of Saukville. The Department has been intensely managing the Hawthorne Hills County Park and Golf Course for invasive species, restoring woodlands and wetlands with native vegetation and providing bird habitat through bird box installation. The NRF C.D. Besadny Conservation Fund grant will support additional Department activities to purchase seed and restore old field to native prairie in order to provide habitat for grassland bird species and pollinators (e.g., bees and butterflies) within Hawthorne Hills County Park. The diversity of plant species will also provide an attractive display of flowers and grasses along the park road and near the new maintenance building, further beautifying the park space. Project activities will be completed by Department staff with conservation corps team assistance.

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 Fund are due September 1, 2023, with grant awards between \$500 to \$2,000. Total funding requested under this grant is \$2,000. Funds be used to purchase native seed and other supplies, contract with a conservation corps team and support Department staff restoration activities. A 50% match is required, which will be provided by a secured Wisconsin Department of Natural Resources (WDNR) County

Conservation Aids (CCA) grant and the County through in-kind staff time, equipment and supplies and mileage for a total project cost of \$7,438.

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, WDNR CCA grant (secured), 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 Fund to support prairie restoration activities in Hawthorne Hills County Park in the Town of Saukville.

ATTACHMENTS:

- Grant Application
Summary_CDBesadny_HawthorneHills_PrairieRestoration_ATSFinal072623 (PDF)
- P&P_Dept_CDBesadny_RFP (PDF)
- P&P_Dept_HawthorneHills_PrairieRestoration_MapCloseUp (PDF)

NATURAL RESOURCES COMMITTEE

GRANT APPLICATION SUMMARY

Project Name: Prairie Restoration at Hawthorne Hills County Park
Grant Name/Agency: NRF C.D. Besadny Conservation Fund **CFDA/State ID:**
Department: Planning and Parks
Total Project Amount: \$7,438 **Grant Match Required:** 50%

Exp Acct.
Rev Acct.
Preparer: Tina Kroening
Approver: Andrew Struck

Strategy: (Linkages to other planning efforts)

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

Project Scope and Expectations

- Native Prairie Restoration
- Enhanced pollinator habitat and park aesthetics

Other Grants Supporting Project	Status	Amount
▪ WDNR CCA	Secured	\$2,725
		\$0
		\$0
		\$0

Project Partners:

- WDNR

Project Landowner Upon Completion:

- Ozaukee County

GRANT EXPENSE		GRANT/PROJECT MATCH	
Operational Expense	\$	Operational Match	\$
Salaries/Fringe Benefits	\$1,200	Salaries/Fringe Benefits	\$1,800
Supplies	\$100	Travel/Mileage	\$66
Contractual (Corps)	\$700	Equipment Use	\$847
Capital Expense	\$	Other Grants	\$
		WDNR CCA	\$2,725
TOTAL	\$2,000	TOTAL	\$5,438
% PROJECT	27%	% MATCH	73%

GRANT SUPPORTED STAFF		DEPARTMENT REVENUES	
Positon	\$	Department	\$
Conservation Biologist		Salaries/Fringe Benefits	\$1,200
Parks Maintenance		Supplies	\$100
		Contractual (Corps)	\$700
TOTAL	\$0	TOTAL	\$2,000

Project Risks:	Comments
▪ Weather/site conditions	▪ Serve as match to other grants
▪ Timelines	▪ Continuation of native vegetation restoration efforts
▪ Pending grant funding	
▪ Supply cost fluctuations and availability	

Major Milestones		Date	
Grant Award		Oct-23	
Prairie Restoration		Jun-24	
Final Reporting		Oct-24	
Duration:	12 months	Extension:	NA

Attachment: Grant Application

Investing in grassroots conservation and education

The C.D. Besadny Conservation Fund was established to invest in grassroots conservation and education projects that benefit Wisconsin's lands, waters, and wildlife, and that connect people to Wisconsin's natural resources. Grants range from \$500 to \$2,000.

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.
3. Include proof of IRS tax-exempt status (IRS form 501c3 tax determination letter).
4. Submit all materials by email to Lindsey at NRFgrants@WisConservation.org (mailto:NRFgrants@WisConservation.org) by **September 1st**.
5. Applicants will be notified within six weeks following the submission deadline.

Hawthorne Hills County Park and Golf Course - Prairie Restoration



Attachment: P&P_Dept_HawthorneHills_PrairieRestoration_MapCloseUp (P&PDept_NRF_BesadnyGrant_PrairieRestoration_HHPark)



Map Produced By: Ozaukee County
Planning and Parks Department
7/25/2022

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: August 3, 2023
DEPARTMENT: Planning and Parks
DIRECTOR: Andrew Struck
PREPARER: Andrew Struck

Agenda Summary Contract for Professional Design and Engineering Services for Fish and Wildlife Aquatic Habitat Enhancements in the Little Menomonee River Corridor as part of the Milwaukee Estuary and River Area of Concern

BACKGROUND INFORMATION: The Ozaukee County Planning and Parks Department (Department) has solicited proposals from consultants to provide design and engineering services for fish and wildlife aquatic habitat enhancements on the Little Menomonee River Corridor (LMRC), Sections 2-6. Specifically, secured pass-through Wisconsin Department of Natural Resources (WDNR) grants from Milwaukee County Parks (MCP) are supporting Department activities to enhance and expand aquatic and semi-aquatic habitat for species of local conservation interest and focal fish species on multiple reaches of the LMRC in Milwaukee County. A recently completed feasibility analysis has provided habitat enhancement options and location recommendations for full design and engineering at all project reaches.

ANALYSIS: The WDNR grants have tight timelines to meet critical goals and deadlines. The Department issued a request for proposals (RFP) for qualification-based proposals with costs for design and engineering of fish and wildlife aquatic habitat enhancements for LMRC Sections 2-6 on June 27, 2023, directly solicited proposals from 12 consulting firms, and posted the RFP on the Ozaukee County bidding website. Consultants were not required to complete the proposal costs on a specific itemized bid tab and were encouraged to provide details on the basic cost elements with an overall proposal amount. One proposal was received from Inter-Fluve. The proposal was reviewed for completeness, technical merit, relevant consultant experience, staff qualifications, cost, and additional details necessary to meet critical project goals and schedules. Inter-Fluve demonstrated their experience and expertise in similar projects throughout their proposal and provided specific details regarding key personnel and expert qualifications. Inter-Fluve has provided engineering and design services for multiple Department projects, including the Newburg Dam Removal and Restoration project, the Ulao and Mole Creek Habitat Restoration projects, and demonstrated experience working in the LMRC on multiple projects since 2001 including the 2022-2023 feasibility analysis for the LMRC. The Inter-Fluve base bid and total services proposal amount is \$113,012 and staff recommends adding a 15% contingency (\$16,952) to the contract amount to cover additional items as needed for a total not to exceed sum of \$129,964. Project costs are provided by the WDNR/Milwaukee County contract budget and will be funded from the existing WDNR MCP AOC grants.

FISCAL IMPACT: Balance Current Year: \$64,982 Next Year's Estimated Cost: \$64,982

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

Indicate source: WDNR MCP AOC grants.

RECOMMENDED MOTION: Approve negotiation and signing of a professional services contract by the Planning and Parks Department with Inter-Fluve for a not to exceed sum of \$129,964, which includes a 15% contingency, for design and engineering services for fish and wildlife aquatic habitat enhancements on the Little Menomonee River Corridor, Sections 2-6. This contract is contingent upon negotiation of professional services contract terms satisfactory to the Ozaukee County Planning and Parks Department.

ATTACHMENTS:

- P&P_Dept_LMRC Sections 2-6 E&D Proposal Summary (PDF)
- P&P_Dept_LMRC AOC Sections 2-6 E-D RFP Planholders List 7.19.23 (PDF)
- P&P_Dept_LMRC Map (PDF)

NATURAL RESOURCES COMMITTEE

Sections 2-6 Design and Engineering Services - Little Menomonee River Corridor Proposal Summary						
Consultant	Project Management and Meetings	Site Survey and Investigations	Hydrologic and Hydraulic Analysis	60% Design	100% Design	Grand Total
Inter-Fluve*	\$20,416	\$16,170	\$12,092	\$38,572	\$25,762	\$113,012

* Staff Recommendation

Proposals solicited from:

M Squared Engineering, LLC

Alfred Benesch & Company

Fish Creek Restoration LLC

raSmith

Kapur & Associates

GRAEF

EA Engineering, Science, and Technology, Inc.

Inter-Fluve

Stantec

Short Elliot Hendrickson Inc.

Cardno

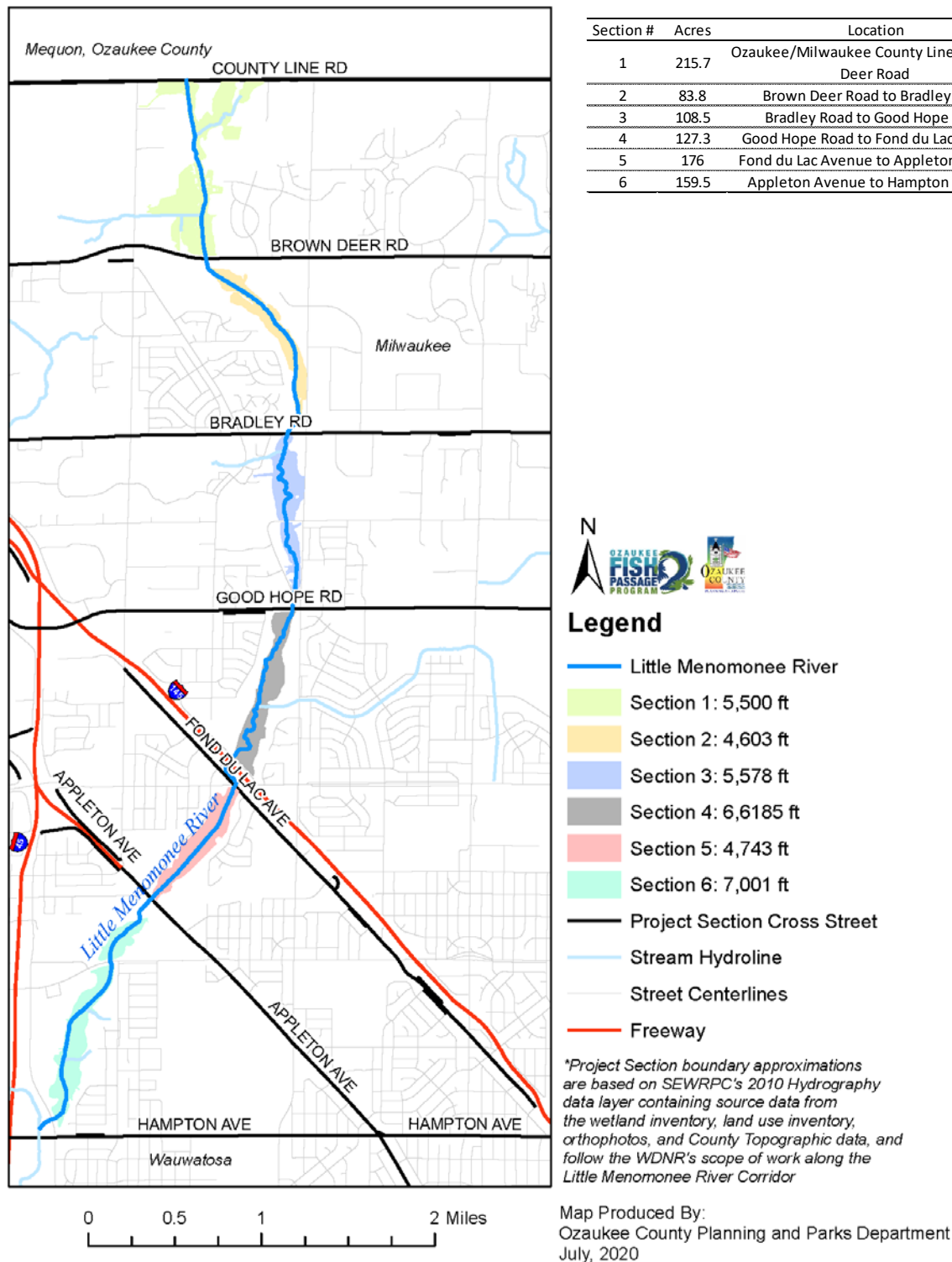
Stormwater Solutions Engineering LLC

**Design and Engineering Services for Fish and Wildlife
Aquatic Habitat Enhancements on the Little Menomonee River Corridor, Sections 2-6
Planholders List 7/19/2023**

Company Name	Contact Name	Phone Number	Email Address
Eco-Resource Consulting, Inc	Andrea Weissgerber	(608) 293-2405	aweissgerber@eco-resource.net
Builders Exchange of Wisconsin	Amy Harper	920-687-8782	editor@bxwi.com
M Squared Engineering, LLC	Minal Hahm	262-376-4246	Minal@MSquaredEngineering.com
GEI Consultants	Demetrius Lafkas	906-362-7056	dlafkas@geiconsultants.com
raSmith	Karen Wiesneski	(262) 317-3292	karen.wiesneski@rasmith.com
Inter-Fluve	Nick Jordan	(262) 707-1635	njordan@interfluve.com
AQUALIS	Cassandra Hoppe	919-646-4866	choppe@aqualisco.com
Anchor QEA	Laura Rozumalski	(608) 710-4931	lrozumalski@anchoragea.com
GRAEF	Alex Halverson	414-266-9225	alex.halverson@graef-usa.com
Stantec Consulting Services Inc.	Michael Andrew Bach	(414) 690-0138	michael.bach@stantec.com
Aetna Medicare	gerard rewolinski	414-315-2349	grewolinski@gmail.com
Stantec	Heather Schwar	(414) 617-7891	heather.schwar@stantec.com
Inter-Fluve	Kristen Godkin	(541) 490-2451	kgodkin@interfluve.com
Fish Creek Restoration LLC	Ben Lee	608-977-1856	ben@healthystreams.com
Entram Corp	Jen Barnes	888-888-0900	contact@envirobidnet.com
North America Procurement Council, Inc. PBC	shet	302-450-1923	bids@napc.me
IMS	Bid Research	(858) 490-8800	ims_bids@construction.com
Allume Architects	Laurie Karrels	(262) 825-4787	lkarrels@allumeearchitects.com
JSD Professional Services, Inc.	Jan Schroeder	608-848-5060	jan.schroeder@jsdinc.com
JSD	Jan Schroeder	(608) 848-5060	jan.schroeder@jsdinc.com
M Squared Engineering	Minal Hahm	(262) 376-4246	minal@msquaredengineering.com
Kapur	Kathryn McNelly-Bell	(414) 795-4305	kmcnelly@kapurinc.com
Hey and Associates, Inc	David Kraft	(608) 217-4788	dkraft@heyassoc.com
IMS	Bid Research	(858) 490-8800	ims_bids@construction.com
GRAEF-USA INC	James Lisak	(414) 266-9085	jim.lisak@graef-usa.com
visualinfomedia	name siva	(347) 480-1475	techzone@visualinfomedia.com
Collins Engineers, Inc.	Mark Mutziger	414-282-6905	mmutziger@collinsengr.com
MSA Professional Services, Inc.	Amanda Rethwisch	(218) 722-3915	arethwisch@msa-ps.com

RFP – Feasibility Analysis for Design and Engineering Services - LMRC

Little Menomonee River Area of Concern (AOC) Project Sections*



Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: August 3, 2023
DEPARTMENT: Planning and Parks
DIRECTOR: Andrew Struck
PREPARER: Andrew Struck

Agenda Summary Change Order for Boardwalk and Observation Dock and Platform at Lion's Den Gorge Nature Preserve

BACKGROUND INFORMATION: On October 4, 2022, the Ozaukee County Natural Resources Committee approved a contract with Badger Docks and Lifts for constructing an ADA compliant boardwalk and observation dock and platform at Lion's Den Gorge Nature Preserve County Park. During the summer/fall 2022 bidding, Planning and Parks Department staff and contractors observed typical summer water levels at the Ulao Waterfowl Protection Area pond/wetland. Thus, the Badger Docks and Lifts proposal and contract was based on construction and installation under the observed 2022 water levels. Dry weather conditions in 2023 have resulted in historically low water levels, including in the project area (e.g., no surface water). Badger Docks and Lifts have indicated that the boardwalk and observation dock and platform cannot rest on dry land (current project area conditions) and must maintain a minimum of 1 foot clearance between the bottom of the structure and the ground to not void the manufacturer warranty. Badger Docks and Lifts have provided a change order that includes a trail bracket system (additional brackets, poles and supports) to meet the clearance requirement to ensure full functionality of the structure under all water levels and site conditions while still maintaining the manufacturer's warranty.

ANALYSIS: The change order amount is \$13,220, and Badger Docks and Lifts have agreed to waive labor costs for installation of the trail bracket system. The original contract price was \$75,332. Staff recommends awarding the change order amount (\$13,220) for a not-to-exceed total contract amount of \$88,552. Revenue to support this change order includes the approved and accepted WDNR Knowles-Nelson Stewardship Local Assistance grant, the approved Capital Project budget and Planning and Parks Department operational budget (2023).

FISCAL IMPACT: Balance Current Year: \$13,220 Next Year's Estimated Cost: None

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

Indicate source: WDNR Knowles-Nelson Stewardship grant, CIP budget and Department operational budget.

ATTACHMENTS:

- P&P_Dept_LDGNP Observation Dock and Platform Map (PDF)

NATURAL RESOURCES COMMITTEE

Lion's Den Gorge Nature Preserve - Proposed Boardwalk/Overlook Location

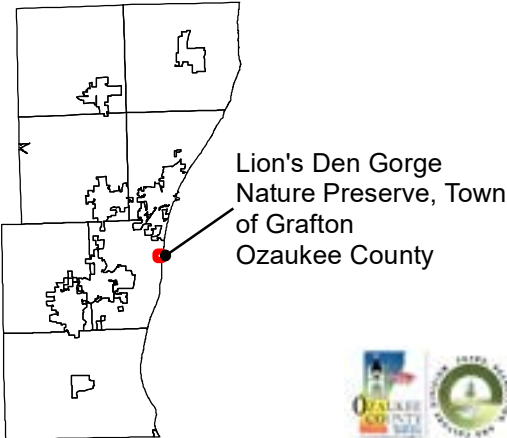


Legend

- Lion's Den Gorge Nature Preserve
- WI Wetland Inventory (2019)
- Elevation Line

Proposed

- Boardwalk (Approx. 80 Feet)
- Overlook (Approx. 20 x 25 Feet)
- Trail (Approx. 260 Feet)



Natural Resources Committee**AGENDA INFORMATION SHEET**

AGENDA DATE: August 3, 2023
DEPARTMENT: Planning and Parks
DIRECTOR: Andrew Struck
PREPARER: Andrew Struck

Agenda Summary Update on Hawthorne Hills County Park Multipurpose Maintenance Building Construction and Change Orders

ATTACHMENTS:

- P&P_Dept_HHMaintenanceBuilding_ChangeOrderUpdate_7.21.23 (PDF)

NATURAL RESOURCES COMMITTEE

Change Order Request Log Update		
<i>Hawthorne Hills County Park Multi-Purpose Maintenance Building</i>		
7/21/2023		
Description	Approved	Rejected/Voided
Add (2) exterior windows in upper level	\$3,217.40	
Plumbing revisions in upper level	\$499.45	
Add gutters		\$5,222.10
Hand miter (2) 4x4 downspouts	\$1,487.88	
Elimate door closer at Opening 200A	(\$370.11)	
Substantial completion date extension	No Change	
Residential grade soffit at unheated storage ceiling	(\$1,650.00)	
Totals	\$3,184.62	\$5,222.10

Natural Resources Committee**AGENDA INFORMATION SHEET**

AGENDA DATE:	August 3, 2023
DEPARTMENT:	Planning and Parks
DIRECTOR:	Andrew Struck
PREPARER:	Andrew Struck

Agenda Summary Update on Planning and Parks Department Capital Projects, Ecological Division Grant Projects and Historic Covered Bridge Repairs

ATTACHMENTS:

- Ozaukee County Planning & Parks - Projects and Events (PDF)

NATURAL RESOURCES COMMITTEE

Hawthorne Hills County Park Multi-Purpose Maintenance Building



Hawthorne Hills County Park Multi-Purpose Maintenance Building



Tendick Nature County Park Security Gate



Tendick Nature County Park Security Gate



Virmond County Park Lake Michigan Access Stairway Construction



Attachment: Ozaukee County Planning & Parks - Projects and Events (P&PDept_CapitalProjectsandEcologicalDivisionProjects)

Virmond County Park Security Gate



Mee-Kwon County Park Stormwater Wetland Construction



Attachment: Ozaukee County Planning & Parks - Projects and Events (P&PDept_CapitalProjectsandEcologicalDivisionProjects)

Mee-Kwon County Park Stormwater Wetland Construction



Youth Conservation Corps Work

AmeriCorps NCCC and WisCorps - at MeeKwon County Park Trail Development & Invasive Species Management



Attachment: Ozaukee County Planning & Parks - Projects and Events (P&PDept_CapitalProjectsandEcologicalDivisionProjects)

Youth Conservation Corps Work

AmeriCorps NCCC and WisCorps - at MeeKwon County Park Trail Development & Invasive Species Management



Mineral Springs Creek Corridor Restoration



Mineral Springs Creek Corridor Restoration



Prairie Seeding at Mineral Springs Creek



Prairie Seeding at Mineral Springs Creek



Cover Crop at Clay Bluffs Cedar Gorge Nature Preserve (County Park)



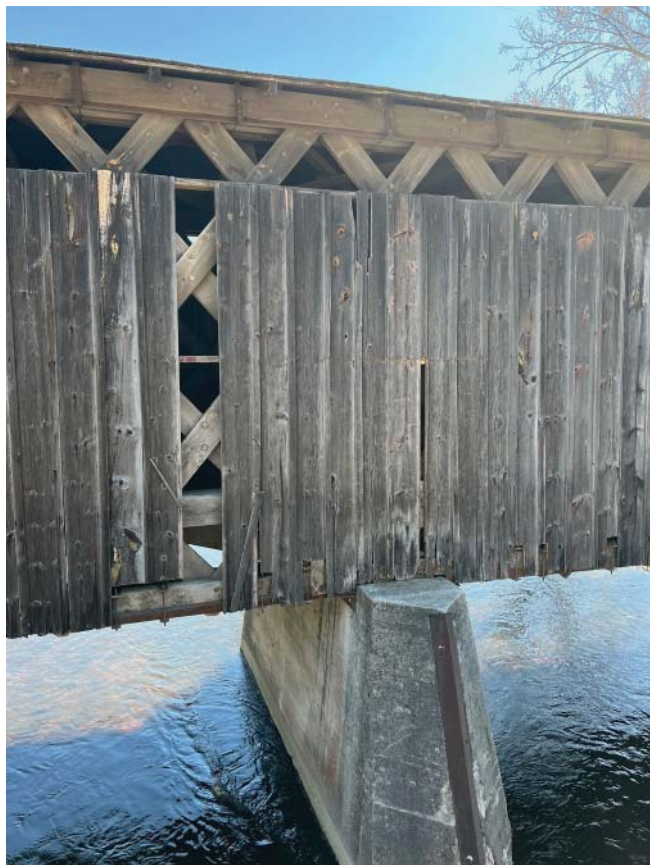
Cover Crop at Clay Bluffs Cedar Gorge Nature Preserve (County Park)



Historic Covered Bridge Repairs

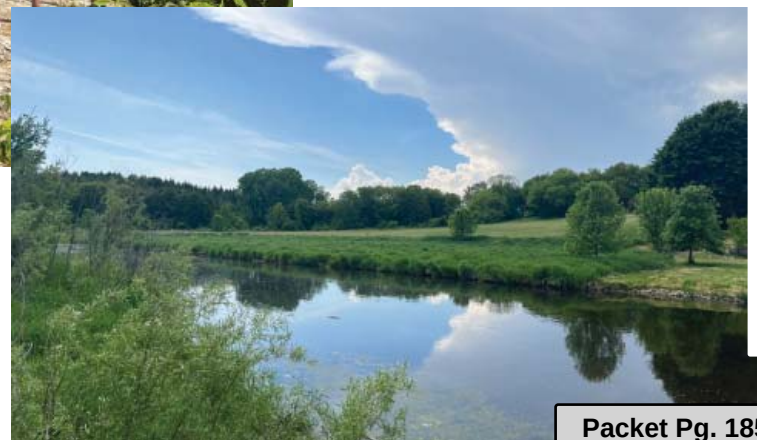


Historic Covered Bridge Repairs



NRF Field Trip

Fish Passage Along the Milwaukee River



Natural Resources Committee**AGENDA INFORMATION SHEET**

AGENDA DATE:	August 3, 2023
DEPARTMENT:	Planning and Parks
DIRECTOR:	Andrew Struck
PREPARER:	Andrew Struck

Agenda Summary Park User Surveys 2023

ATTACHMENTS:

- memo_CPB_7-19-23_ParkUserSurveysUpdate (PDF)

NATURAL RESOURCES COMMITTEE



PLANNING & PARKS DEPARTMENT

Andrew T. Struck, Director

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

MEMORANDUM

TO: Ozaukee County Comprehensive Planning Board

FROM: Ozaukee County Planning and Parks Department

DATE: 7/19/2023

SUBJECT: 2023 Park User Survey Update

To assist in the development of Park and Open Space Plan recommendations, the Planning and Parks Department (Department) is gathering community feedback concerning park usage and desired improvements through the 2023 park user survey. This survey builds on feedback provided in the 2017-2018 park user survey.

Department staff finalized the 2023 park user survey (see copy in 7/19/2023 agenda packet) and partnered with UW Extension Ozaukee County to also host the survey online.

Park user surveys are being conducted at eight county parks:

- Covered Bridge Park
- Ehlers Park
- Hawthorne Hills Park and Golf Course
- Lion's Den Gorge Nature Preserve
- Mee-kwon Park and Golf Course
- Tendick Nature Park
- Virmond Park
- Waubedonia Park

To reach a larger demographic of people, park staff conduct surveys at various times of the week including weekends and evening hours. Flyers including survey QR codes have been posted at park kiosks to obtain additional feedback from park users when staff are not present. Approximately 125 surveys have been collected to date and will continue throughout the summer.

Initial survey responses range from requests for additional drinking water facilities, having guides to vegetation/ animal life and potential 'wildlife scavenger hunts' as a different activity for children, and the addition of beer gardens. Other feedback includes additional facilities addressing accessibility needs (e.g. paved trail to Covered Bridge and additional benches).

Attachment: memo_CPB_7-19-23_ParkUserSurveysUpdate (P&PDept_ParkUserSurveys2023)

Natural Resources Committee**AGENDA INFORMATION SHEET**

AGENDA DATE: August 3, 2023
DEPARTMENT: Planning and Parks
DIRECTOR: Andrew Struck
PREPARER: Andrew Struck

Agenda Summary Video - NACPRO Awards - Virmond County Park Lake Michigan Stairway

ATTACHMENTS:

- NACPRO Award for Lake Michigan Stairway at Virmond (PDF)

NATURAL RESOURCES COMMITTEE

National Association of County Park and Recreation Officials (NACPRO) Awards Ceremony and Conference Lake Michigan Stairway at Virmond

NACPRO Presentation - <https://youtu.be/mmavmIJfd1s>



Attachment: NACPRO Award for Lake Michigan Stairway at Virmond (P&PDept_Video_NAPCROAwards_VirmondCountyParkLMStairway)





Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: August 3, 2023
DEPARTMENT: Planning and Parks
DIRECTOR: Andrew Struck
PREPARER: Andrew Struck

Agenda Summary Planning & Parks Management and Financial Reports

ATTACHMENTS:

- P&PDEPT_MGMTREPORT_NRC070623_JUNE2023_FINAL_ATS062923 (PDF)
- P&PDEPT_MGMTREPORT_NRC080323_JULY2023_FINAL_ATS072723 (PDF)
- CommRpt2023 7.24.23 (PDF)
- CommRpt2023 6.22.23 (PDF)
- Summary of Parks Revenue June 2023 (PDF)
- Summary of Parks Revenue May 2023 (PDF)
- Golf Courses Daily Revenue - April 2023 (PDF)
- Golf Courses Daily Revenue 2023 (PDF)
- NACo Achievement Awards - Mineral Springs Creek Restoration 5.19.23 (PDF)
- CBS 58 Hometown Spotlight - Ozaukee Interurban Trail 6.21.23 (PDF)
- Ozaukee County Press 6.8.23, County receives key grant but access to preserve still years way (PDF)
- Ozaukee News Graphic Article 5.30.23, Enjoying Ozaukee County's water resources (PDF)
- Ozaukee News Graphic Article 6.1.23, Mequon Road OIT crossing project remains on schedule (PDF)
- Ozaukee News Graphic Article 6.15.23, MT Trails Foundation presents 'Summer Evening Chef's Table' fundraiser (PDF)
- Ozaukee News Graphic Article 6.20.23, Portal's 36th Fish Day Run-Walk-Roll returns next month (PDF)
- Ozaukee News Graphic Article 6.22.23, Tourism jumps 9.9% over last year (PDF)
- Ozaukee County Press 6.22.23, Council OKs downtown plan despite calls to seek more input (PDF)
- Facebook Post - Cedarburg Art Museum, Watercolor painting exhibition (PDF)
- Ozaukee County Press, 7.20.23, Flora and fauna of Lion's Den (PDF)
- Ozaukee News Graphic Article, 7.13.23, CAM features new exhibit, 'Shared Paths Through Ozaukee County' (PDF)

NATURAL RESOURCES COMMITTEE



GOLF COURSES



10.c.1.a

GOLF COURSES — MEE-KWON PARK AND HAWTHORNE HILLS

- June (thru June 20th) revenue and rounds: \$357,649.73 and 10,016 rounds (2023) and \$311,894.29 and 8,715 rounds (2022) for both MKGC & HHGC. 2023 total revenue (YTD) \$959,938.26 and 26,087 rounds (\$36.80/person) and 2022 total revenue (YTD) \$762,109.19 and 20,914 rounds (\$36.44/person). MKGC opened 4/3/23 and HHGC opened 4/7/23. We are up 5,173 rounds and \$197,829.07 in increased revenue to date over 2022. Sold 4,352 discount ID cards to date, 400 more than in 2022.
- Concessionaire has been operating at full capacity. There has been a slight delay in the liquor license at HHGC, which is being addressed with a contract modification/amendment and additional documentation.
- GC Maintenance staff and contractors have continued work on ash tree/invasive species removals and tree planting under the USFS & NFWF SOGL grants. Tree planting will continue at HHGC in 2023.



ECOLOGICAL DIVISION



BIRD CONSERVATION / BIRD CITY WISCONSIN

Ozaukee County was awarded "High Flyer" status for its Bird City Wisconsin (BCW) renewal in 2023. 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 24 communities to accomplish this highest level out of 110 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 WGLBBO for installation at the LMRFWP. Coordinated w/ UW student on Kestrel Box research/monitoring.

FISH PASSAGE PROGRAM

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 permits. Contract management and site visits for finalizing engineering and design work for culvert replacements or remediation work on Tendick Creek in the Town of Saukville, Sucker Brook Creek in the Town of Port Washington, and Silver Beach Creek in the Town of Belgium. Continued restoration activities with HWY at Mineral Springs Creek in the City of Port Washington. Additional refinements and restoration at the MT Dam nature-like fishway.

Habitat Improvement Projects: Ongoing project planning and Quality Assurance Project Plan (QAPP) development with WDNR and Milwaukee County for aquatic habitat inventories, assessments, and engineering and design (including a feasibility analysis and E&D) for aquatic habitat restoration activities on the Little Menomonee River in Milwaukee County in coordination w/ consultant. Continued restoration (e.g. Prairie planting at Oakland Green Park) and planning for the Mineral Springs Creek stream corridor in the City of Port Washington. Project planning and landowner coordination and site topographic survey for restoration work on Tendick Creek. Coordinated with HWY, the Village of Saukville, funding partners and landowners for planning for habitat restoration in conjunction with the CTH W rehabilitation project in the Village of Saukville. Continued construction and restoration activities at the stormwater wetland restorations at Mee-Kwon County Park GC with HWY, Conservation Corps Teams and consultant (M2 Engineering). Ongoing Lake Sturgeon habitat assessment work with WDNR and UW-Milwaukee.

Environmental Monitoring: Continued analysis and reporting of fish, avian, wildlife, and water quality sampling data per QAPPs. Supplies and materials acquisition, project planning and implementation of 2023 monitoring activities. Water quality sampling and analysis for the Little Menomonee River / Creek (6/22-6/23) and Ulao and Mole Creeks (6/27). Coordination with SEWRPC for monitoring conductivity and chlorides on Ulao Creek. Started water quality monitoring as part of WDNR AOC LMR Grant. The underwater "fish cam" at MT Fishway has been re-installed following fishway construction. Continued larval fish monitoring, trapping data analysis and reporting on project streams. New PIT tag reader coordination w/ WDNR at MT Fishway.

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 with We Energies, Lake Michigan public access, wetland restorations, chimney swift tower at Virmond County Park and the Tendick Nature Park wetland and prairie restoration. Research of applicable bluff safety signage, brochures and ordinances.

Reporting and Other Activities: On-going grant (financial & technical) reporting for USFWS, USFS, WCMP, NFWF SOGL, WDNR (Stewardship, SWM, CCA), SEWIS & FFLM. Submitted multiple grant applications. QAPP & NEPA submittals and approvals for federal and state funded projects. Coordinated w/ AmeriCorps NCCC, WisCorps, MCSC & GLCCC on 2023 work. Coordinated w/ GLE regarding the GIS Fish & Wildlife Habitat Tool contracts. Coordinated w/ partners (MMSD, Riverkeeper, SEWRPC) on water quality monitoring. Coordinated w/ WGLBBO, LNRP, City of Port Washington, We-Energies, HWY & WDNR regarding stream corridor restoration on Mineral Springs Creek. Coordinated with LRNP, OCWC, consultants, and landowners on long range stream & habitat restoration planning for Sucker Creek in Towns of Port Washington & Belgium. Coordination w/ WDNR Milwaukee River AOC & WDNR 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 (J), Fish & Wildlife Tech Team (J), Project Managers (J). Coordination w/ Hwy & Consultant on CTH W Project. SWWT Finance & Board Mtgs (6/20). Coordinated w/ raSmith & Fish Creek Restoration consultants on various FP projects. Coordinated w/ the OCWC SC (J). Coordinated w/ WDNR Fisheries on grant funding for current and future projects. Coordinate w/ WGLBBO Re: MSC Restoration & funding for educational signage (J). Hosted NRF Field Trips (6/2 & 6/9). Mtg w/ WDNR and UWM on LS Habitat assessments (6/6). Mtg w/ USFS staff on Coastal Parks grant (6/16). Attended NACPRO award ceremony for the Lake Michigan public access stairway project (6/20). Coordinated w/ Lake Michigan Champions SC (J). Coordination and work with AmeriCorps and WisCorps Teams throughout June on invasives, tree planting, trail work, prairie and wetland seeding and matting, etc.

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, Hawthorne Hills, River Oaks, Ulao Creek NP & Virmond Parks under NFWF SOGL Invasive & WDNR UF Grants. Continued work on private foundation grants for invasive species management and native tree planting in the County Park System. Continued planning for ROW Invasive Species Treatment and coordinated w/ HWY on implementation. Coordinated on 2 USFS grants w/ Partners (HH Park & Coastal Parks Project Areas) for tree planting / bidding. Work w/ Corps Teams throughout June.

DEPARTMENT ADMINISTRATION

- Attended NRC (6/8), County Board (6/7).
- Managing staff teleworking/remote working, parks and golf course operations, and day-to-day operations.
- Coordinated on wage & salary study appeals and position descriptions for the Dept. Worked on metric reporting, energy and fuel reporting and website statistics for Administration. Worked on 2024 Department budget.



PLANNING & PARKS DEPARTMENT

CURRENT PROJECTS & REPORT UPDATES

JUNE 2023



MISSION STATEMENT

To provide opportunities for Ozaukee County residents and visitors of Ozaukee County 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, 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. 194

Attachment: P&PDEPT_MGMTREPORT_NRC070623_JUNE2023_FINAL_ATS062923



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 & Saukville, Villages of Grafton, Belgium & Newburg & Cities of Port Washington & Mequon). Coordinated w/ SEWRPC for assistance on County Comp Plan amendment regarding local governments.
- Coordinated w/ Town of Saukville (consultant) and Town & Village of Belgium 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.

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 Mee-Kwon Park—communications tower, Pinnacle property—communications tower, Highway properties—nonmetallic mining, LMRFWP—public access and Advocates of Ozaukee—building expansion.

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 updates and survey data (on-site surveys). Actively conducting additional on-site Park User surveys with Interns. Coordinating next meeting of the re-established Comprehensive Planning Board - reviewing POSP Chapters.
- Discussed recommendations of the POSP with several residents, WDNR, MMSD/Conservation Fund, OWLT, UCP, 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, LDGNP 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(), WAC ()) to discuss natural area preservation/restoration.
- Completed final drafts of three County Park Master Plans including Virmond, Lion's Den Gorge Nature Preserve (LDGNP) and Clay Bluffs Cedar Gorge Nature Preserve (CBCGNP) per WCMP Coastal Resiliency Grants. Updating all Park Master Plan (GIS) maps w/ Planning Interns and Nat Res & GIS Technician ().
- Follow-up on the CBCGNP overall master planning and future restoration including OWLT conservation easement. Filed final reporting with WCMP for CBCGNP acquisition.

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) on implementation of the Cedar, Pigeon, Mole and Ulaow Watershed 9 Key Element Plan per FPP. Discuss implementing 9 Key Element Plans with other partners (LNRP, OCWC).
- 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. Follow-up w/ WDNR AOC Program to demonstrate the GIS Fish & Wildlife Habitat and Ecological Prioritization Tools. Continued work on Fisheries 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 Divisions 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.
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- Coordination w/ SEWRPC 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 (e.g. MSC, Sucker Creek), Parks (e.g. Virmond staircase, MK Park stormwater wetlands, HH Park Multipurpose Maintenance Building) & Ozaukee Interurban Trail projects with USACOE, WDNR, LWMD, consultants, & municipalities (e.g. Town of Saukville, City of Mequon).
- Follow-up w/ WCMP State Coastal Hazards WG regarding Virmond Park, LDGNP and other research projects. Coordinated with UW Sea Grant/WGNHS on outreach for Lake Michigan water levels and bluff erosion/climate change, Virmond public access and a guide to native vegetation for coastal bluffs. Coordinated on WCMP Coastal Resiliency Project (e.g. predicting bluff erosion and water study—Virmond Park, Master Plans—CBCGNP, Virmond, LDGNP) and follow-up on the WCMP CALM Network Mtgs. (6/1 & 6/12).

Strategic Planning and Economic Development Planning

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

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 and 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 2023 park projects (e.g. campsites) & approved Capital Improvement Projects (CIP) for the County parks (e.g., Maintenance Bldg., LDGNP Boardwalk, electric gates, security cameras). Coordinated w/ Highway Dept on other Park (e.g., MK Park Wetlands), Fish Passage (Sucker Cr., MSC) and Ozaukee Inter Trail (e.g., mowing, signage) projects and CTH ROW Invasives. Planning/Coordinate w/ Highway Re: 2023 Projects (Park, FP) and CTH W reconstruction, restoration, land and funding.
- Coordinated w/ several Eagle Scouts for current and future service projects at various County Parks and the Interurban Trail (e.g. Fencing/Portable Bathroom Shelter—LMRFWP County Park, Etc.).
- Coordinated/continued intensive invasive species removal (e.g. herbaceous & woody shrubs), ash tree removal and 2023 tree plantings at Lion's Den Gorge Nature Preserve, Virmond, Mee-Kwon, Hawthorne Hills, LMRFWAubedonia, Ulaow Creek NP and Tendick Nature Parks, Coastal & HH Park Project Areas (USFS grants), b Golf Courses under private foundation, USFS GLRI, NFWF SOGL Invasive and WDNR UF grants. Continued inventory of invasive species, tree plantings and ash trees in the County Parks & restorations.
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- Managed additional prairie restoration areas at Tendick Nature Park, LMRFWP, Covered Bridge and Virmond County Parks. Seeded native prairie at Oakland Green Park/MSC, MK Park Wetlands and HH Park Multipurpose Maintenance Building. Grant reporting: WDNR CCA, We Energies, DU NAWCA and Brookby Foundation.
- Worked on the new CBCGNP, Ulaow, 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 and held several Zoom meetings/calls/emails with Partners regarding the Clay Bluffs Cedar Gorge Nature Preserve. Continued discussions w/ partners (OWLT, WDNR, WCMP, USFS & USFWS) Re: Easement.
- Coordinated w/ the WCMP Coastal Hazards Work Group, WDNR Stewardship, engineer, contractor, City and WDOA WCMP staff for public access to the Lake Michigan shoreline (e.g. staircase) at Virmond County Park. Received 2023 NACPRO Park and Recreation Facility—Class I and attended award ceremony in IL in June.
- Coordinated w/ Parks Division staff on multiple items (e.g. reservations, signage, camping, gates, ash trees) scheduling w/ Corps Groups (AmeriCorps & WisCorps) and mtg with contractor on boardwalk at LDGNP/US.
- Met w/ Architect (Kueny) and Contractors for Hawthorne Hills Multipurpose Maintenance Bldg. (6/16 & 6/28).
- Coordinated w/ Highway and Grafton & Mequon FDs regarding access/parking at LDGNP and Virmond Park.
- Coordinated w/ contractors on Covered Bridge Repairs, LDGNP Boardwalk & Virmond Stairway (6/28 & 6/29).

Coordination with Cultural, Tourism & Recreation Groups

- Coordinated/Mtg w/ Ozaukee County Tourism Council (OCTC) Board (6/5) & Exec Mtgs. Continued work on Tourism & Trail websites, maps & events. Prepared article for News Graphic on water recreation. Continue assist w/ OCTC Treasurer duties Re: 2023 budget. Coordination w/ OCHS Re: OCHS Caretaker, lease agreement, tree planting, well monitoring, Wi-Fi & 2023 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. cutting paving), RTC grant-Port Washington Trail Improvement Project—design & engineering. Attended the Route Badger (ROTB) Regional Quarterly Mtg. (6/5), coordination w/ communities (Mequon, Cedarburg, Port Washington) & professionals on OIT improvements. Development of Trail gateway signage. Submitted WisDOT TA grant for a trail extension in the Grafton/Cedarburg area along STH 60. Follow-up on contract WisDOT grant.
- Coordinated with We Energies on several occasions on development of trailside facilities in several locations along the Trail (e.g. bike repair stations, signage, bike racks, benches, trees) and safety improvements & cu.
- Continued to conduct Trail user counts and analyze correlations with other survey data. Maintained the cu.
- Coordinated with the Ozaukee Snowmobile Clubs on the existing and new (2023-24) Trail Maintenance and 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/ City of Mequon, City of Port, City of Cedarburg, and Village of Thiensville staff regarding trail facilities, 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. Coordinated w/ T Grafton, C Mequon & T Cedarburg on.
- Follow-up Re: Trail paving of county-managed portion of OIT and WisDOT TAP grant and certifications per WisDOT grant.

10.c.1.a



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Packet Pg. 195



GOLF COURSES



GOLF COURSES — MEE-KWON PARK AND HAWTHORNE HILLS

- July (thru July 19th) revenue and rounds: \$362,807.13 and 9,928 rounds (2023) and \$324,388.97 and 9,319 rounds (2022) for both MKGC & HHGC. 2023 total revenue (YTD) \$1,501,325.29 and 41,850 rounds (\$35.87/person) and 2022 total revenue (YTD) \$1,249,290.12 and 35,652 rounds (\$35.04/person). MKGC opened 4/3/23 and HHGC opened 4/7/23. We are up 6,198 rounds and \$252,035.17 in increased revenue to date over 2022. Sold 4,925 discount ID cards to date.
- Concessionaire has secured the State (WDOR) liquor license for HHGC and will be serving starting July 22nd.
- GC Maintenance staff and contractors have continued work on ash tree/invasive species removals and tree planting under the USFS & NFWF SOGL grants. Tree planting will continue at HHGC in 2023.



ECOLOGICAL DIVISION



BIRD CONSERVATION / BIRD CITY WISCONSIN

Ozaukee County was awarded "High Flyer" status for its Bird City Wisconsin (BCW) renewal in 2023. 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 24 communities to accomplish this highest level out of 110 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 WGLBBO for installation at the LMRFWP. Coordinated w/ UW student on Kestrel Box research/monitoring and WGLBBO for Oakland Green.

FISH PASSAGE PROGRAM

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 Town of Saukville, Sucker Brook Creek in the Town of Port Washington, and Silver Beach Creek in the Town of Belgium. Continued restoration activities with HWY at Mineral Springs Creek in the City of Port Washington. Additional refinements and restoration at the MT Dam nature-like fishway.

Habitat Improvement Projects: Ongoing project planning and Quality Assurance Project Plan (QAPP) development with WDNR and Milwaukee County for aquatic habitat inventories, assessments, and engineering and design (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 planning for the Mineral Springs Creek stream corridor in the City of Port Washington. Project planning and landowner coordination and site topographic survey for restoration work on Tendick Creek. Coordinated with HWY, the Village of Saukville, funding partners and landowners for planning for habitat restoration in conjunction with the CTH W rehabilitation project in the Village of Saukville. Continued construction and restoration activities at the stormwater wetland restorations at Mee-Kwon County Park GC with HWY, Conservation Corps Teams and consultant (M2 Engineering). Ongoing Lake Sturgeon habitat assessment work in coordination with WDNR and UW-Milwaukee.

Environmental Monitoring: Continued analysis and reporting of fish, avian, wildlife, and water quality sampling data per QAPPs. Supplies and materials acquisition, project planning and implementation of 2023 monitoring activities. Water quality sampling and analysis for the Little Menomonee River / Creek (7/27-7/28) and Ulao and Mole Creeks (7/25). Coordination with SEWRPC for monitoring conductivity and chlorides on Ulao Creek. Started water quality monitoring as part of WDNR AOC LMR Grant. The underwater "fish cam" at MT Fishway has been re-installed following fishway construction. Continued larval fish monitoring, trapping data analysis and reporting on project streams. New PIT tag reader coordination w/ WDNR at MT Fishway.

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 with We Energies, Lake Michigan public access, wetland restorations, chimney swift tower at Virmond County Park and the Tendick Nature Park wetland and prairie restoration. Research of applicable bluff safety signage, brochures and ordinances.

Reporting and Other Activities: On-going grant (financial & technical) reporting for USFWS, USFS, WCMP, NFWF SOGL, WDNR (Stewardship, SWM, CCA), SEWISC & FFLM. Submitted multiple grant applications. QAPP & NEPA submittals and approvals for federal and state funded projects. Coordinated w/ AmeriCorps NCCC, WisCorps, MCSC & GLCCC on 2023 work. Coordinated w/ GLE regarding the GIS Fish & Wildlife Habitat Tool contracts. Coordinated w/ partners (MMSD, Riverkeeper, SEWRPC) on water quality monitoring. Coordinated w/ WGLBBO, LNRP, City of Port Washington, We-Energies, HWY & WDNR regarding stream corridor restoration on Mineral Springs Creek. Coordinated with LNRP, OCWC, consultants, and landowners on long range stream & habitat restoration planning for Sucker Creek in Towns of Port Washington & Belgium. Coordination w/ WDNR Milwaukee River AOC & WDNR 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 (7/18), Fish & Wildlife Tech Team (), Project Managers (7/5). Coordination w/ Hwy & Consultant on CTH W Project. SWWT Finance & Board Mtgs (7/11). Coordinated w/ raSmith & Fish Creek Restoration consultants on various FP projects. Coordinated w/ the OCWC SC (). Coordinated w/ WDNR Fisheries on grant funding for current and future projects. Coordinate w/ WGLBBO Re: MSC Restoration & funding for educational signage (). Mtg w/ WDNR and UWM on Lake Sturgeon habitat assessment project (7/13). Coordinated w/ Lake Michigan Champions SC (7/11). Coordination for WisCorps Team in August on invasives, tree planting, trail work, etc. Attended Wisconsin Shipwreck Coast NMS Council Mtg (7/20). Mtg. w/ LNRP Re: Sucker Creek (7/13).

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, Hawthorne Hills, River Oaks, Ulao Creek NP & Virmond Parks under NFWF SOGL Invasive & WDNR UF Grants. Continued work on private foundation grants for invasive species management and native tree planting in the County Park System. Continued planning for ROW Invasive Species Treatment and coordinated w/ HWY on implementation. Coordinated on 2 USFS grants w/ Partners (HH Park & Coastal Parks Project Areas) for tree planting / bidding.

DEPARTMENT ADMINISTRATION

- Attended NRC (7/19), County Board (7/5,7/19), CPB (7/19). Attended Department Head Mtg (7/11). Admin Budget Mtg (7/31).
- Managing staff teleworking/remote working, parks and golf course operations, and day-to-day operations.
- Coordinated on position descriptions for the Dept. Worked on metric reporting, energy and fuel reporting and website statistics for Administration. Finalized draft 2024 Department budget and CIP.

10.c.1.b



PLANNING & PARKS DEPARTMENT

CURRENT PROJECTS & REPORT UPDATES

JULY 2023



MISSION STATEMENT

To provide opportunities for Ozaukee County residents and visitors of Ozaukee County 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 and operation of large scale, intergovernmental recreational opportunities including exceptionally well-maintained golf courses, 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. 196

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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 & Saukville, Villages of Grafton, Belgium & Newburg & Cities of Port Washington & Mequon). Coordinated w/ SEWRPC for assistance on County Comp Plan amendment regarding local governments.
- Coordinated w/ Town of Saukville (consultant) and Town & Village of Belgium 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.

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.
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- Continued to report on the Department goals, objectives, metrics (websites) for the County Strategic Plan ().

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- Met w/ Architect (Kueny) and Contractors for Hawthorne Hills Multipurpose Maintenance Bldg. (7/18).
- Coordinated w/ Highway and Grafton & Mequon FDs regarding access/parking at LDGNP and Virmond Park.
- Coordinated w/ contractors on Covered Bridge Repairs, LDGNP Boardwalk & Virmond Stairway ().

Coordination with Cultural, Tourism & Recreation Groups

- Coordinated/Mtg w/ Ozaukee County Tourism Council (OCTC) Board () & Exec Mtgs. Continued work on Tourism & Trail websites, maps & events. Prepared article for News Graphic on water recreation. Continued to assist w/ OCTC Treasurer duties Re: 2023 budget. Coordination w/ OCHS Re: OCHS Caretaker, lease agreement, tree planting, well monitoring, Wi-Fi & 2023 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. cutting paving), RTC grant-Port Washington Trail Improvement Project—design & engineering, Coordinate w/ Route the Badger (ROTB) on Regional Quarterly Mtg.(), coordination w/ communities (Mequon, Cedarburg, Port Washington) & professionals on OIT improvements. Development of Trail gateway signage. Received WisDOT grant for a trail extension in the Grafton/Cedarburg area along STH 60. Follow-up on contracts, WisDOT grant.
- Coordinated with We Energies on several occasions on development of trailside facilities in several locations along the Trail (e.g. bike repair stations, signage, bike racks, benches, trees) and safety improvements & construction.
- Continued to conduct Trail user counts and analyze correlations with other survey data. Maintained the count.
- Coordinated with the Ozaukee Snowmobile Clubs on the existing and new (2023-24) Trail Maintenance and 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/ City of Mequon, City of Port, City of Cedarburg, and Village of Thiensville staff regarding trail facilities, 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. Coordinated w/ T Grafton, C Mequon & T Cedarburg on trail connections.
- Follow-up Re: Trail paving of county-managed portion of OIT and WisDOT TAP grant for trail paving and certifications per WisDOT grant.

10.c.1.b



Attachment: P&PDEPT_MGMTREPORT_NRC080323_JULY2023_FINAL_ATS072723



General Fund Park Commission

For the Six Months Ending Friday, June 30, 2023

Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2023 YTD Actual	2023 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	-	\$34,140	\$34,140	0.00%
Public Charges for Services	\$6,429	\$33,362	\$50,725	\$17,363	65.77%
Interest Revenue	\$15	\$81	-	(\$81)	0.00%
Other Revenue	\$1,087	\$1,331	\$26,000	\$24,669	5.12%
Total Revenues	\$7,531	\$34,774	\$110,865	\$76,091	31.37%
Expenditures					
Salaries	\$53,058	\$255,554	\$608,851	\$353,297	41.97%
Fringe Benefits	\$16,462	\$71,713	\$157,156	\$85,443	45.63%
Travel/Training	\$595	\$4,432	\$7,450	\$3,018	59.49%
Supplies	\$15,604	\$50,553	\$105,635	\$55,082	47.86%
Purchased Services	\$22,362	\$59,337	\$255,150	\$195,813	23.26%
Interdepartment Charges	\$3,568	\$64,293	\$198,285	\$133,992	32.42%
Other Expenses	\$662	\$2,472	\$18,642	\$16,170	13.26%
Total Operating Expenditures	\$112,311	\$508,354	\$1,351,169	\$842,815	37.62%
Capital Outlay					
Total Expenditures	\$112,311	\$508,354	\$1,351,169	\$842,815	37.62%
Other Finance (Sources)	-	-	(\$85,000)	(\$85,000)	0.00%
Net Other Financing	-	-	(\$85,000)	(\$85,000)	0.00%
Net Increase (Decrease)	(\$104,780)	(\$473,580)	(\$1,155,304)	(\$681,724)	40.99%

Equity:

Ozaukee County Committee Report
Special Revenue Fund Parks Projects
For the Six Months Ending Friday, June 30, 2023
Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2023 YTD Actual	2023 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	\$12,795	\$125,357	\$112,562	10.21%
Other Revenue	\$9,711	\$104,558	\$10,500	(\$94,058)	995.79%
Total Revenues	\$9,711	\$117,353	\$135,857	\$18,504	86.38%
Expenditures					
Salaries	\$6,880	\$41,293	\$51,684	\$10,391	79.90%
Fringe Benefits	\$1,658	\$10,534	\$19,359	\$8,825	54.41%
Travel/Training	\$282	\$551	\$223	(\$328)	247.09%
Supplies	\$4,787	\$30,444	\$10,441	(\$20,003)	291.58%
Purchased Services	-	\$63,949	\$54,150	(\$9,799)	118.10%
Interdepartment Charges	-	\$65,088	-	(\$65,088)	0.00%
Total Operating Expenditures	\$13,607	\$211,859	\$135,857	(\$76,002)	155.94%
Capital Outlay					
Total Expenditures	\$13,607	\$211,859	\$135,857	(\$76,002)	155.94%
Net Increase (Decrease)	(\$3,896)	(\$94,506)	-	\$94,506	0.00%
Equity:					
Governmental Fund Balance	-	(\$107,788)	-	\$107,788	0.00%

Ozaukee County Committee Report
Special Revenue Fund Ozaukee Water Projects
For the Six Months Ending Friday, June 30, 2023
Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2023 YTD Actual	2023 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	\$6,069	\$12,121	-	(\$12,121)	0.00%
Other Revenue	-	\$110,000	\$309,553	\$199,553	35.54%
Total Revenues	\$6,069	\$122,121	\$309,553	\$187,432	39.45%
Expenditures					
Salaries	\$9,626	\$54,188	\$221,115	\$166,927	24.51%
Fringe Benefits	\$3,895	\$25,852	\$88,438	\$62,586	29.23%
Travel/Training	\$31	\$124	-	(\$124)	0.00%
Supplies	\$93	\$4,666	-	(\$4,666)	0.00%
Purchased Services	\$6,170	\$31,013	-	(\$31,013)	0.00%
Interdepartment Charges	-	\$3,095	\$65,000	\$61,905	4.76%
Total Operating Expenditures	\$19,815	\$118,938	\$374,553	\$255,615	31.75%
Capital Outlay					
Total Expenditures	\$19,815	\$118,938	\$374,553	\$255,615	31.75%
Net Increase (Decrease)	(\$13,746)	\$3,183	(\$65,000)	(\$68,183)	-4.90%
Equity:					
Governmental Fund Balance	-	(\$8,885)	-	\$8,885	0.00%

Enterprise Fund Golf Courses

For the Six Months Ending Friday, June 30, 2023

Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2023 YTD Actual	2023 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Public Charges for Services	\$672,069	\$811,653	\$2,094,200	\$1,282,547	38.76%
Other Revenue	\$3,622	\$7,463	\$13,475	\$6,012	55.38%
Total Revenues	\$675,691	\$819,116	\$2,107,675	\$1,288,559	38.86%
Expenditures					
Salaries	\$108,886	\$353,738	\$803,593	\$449,855	44.02%
Fringe Benefits	\$23,271	\$119,227	\$244,331	\$125,104	48.80%
Travel/Training	\$208	\$3,634	\$12,250	\$8,616	29.67%
Supplies	\$25,842	\$172,241	\$324,374	\$152,133	53.10%
Purchased Services	\$22,381	\$89,193	\$177,474	\$88,281	50.26%
Interdepartment Charges	\$3,929	\$30,441	\$58,507	\$28,066	52.03%
Depreciation	\$24,949	\$149,694	\$305,350	\$155,656	49.02%
Other Expenses	\$993	\$7,164	\$96,789	\$89,625	7.40%
Total Operating Expenditures	\$210,459	\$925,332	\$2,022,668	\$1,097,336	45.75%
Capital Outlay					
Equipment & Furniture	-	-	\$280,000	\$280,000	0.00%
Buildings & Land	\$119,917	\$254,624	\$40,000	(\$214,624)	636.56%
Contra	-	-	(\$320,000)	(\$320,000)	0.00%
Total Capital Outlay	\$119,917	\$254,624	-	(\$254,624)	0.00%
Total Expenditures	\$330,376	\$1,179,956	\$2,022,668	\$842,712	58.34%
Other Finance Uses	-	-	\$85,000	\$85,000	0.00%
Net Other Financing Sources/Uses	-	-	\$85,000	\$85,000	0.00%
Net Increase (Decrease)	\$345,315	(\$360,840)	\$7	\$360,847	-5154857.14%
Equity:					
Retained Earnings	-	(\$1,308,371)	-	\$1,308,371	0.00%
Governmental Fund Balance	-	(\$282,342)	-	\$282,342	0.00%

General Fund Park Commission

For the Five Months Ending Wednesday, May 31, 2023

Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2023 YTD Actual	2023 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	-	\$34,140	\$34,140	0.00%
Public Charges for Services	\$6,410	\$26,933	\$50,725	\$23,792	53.10%
Interest Revenue	\$20	\$66	-	(\$66)	0.00%
Other Revenue	-	\$244	\$26,000	\$25,756	0.94%
Total Revenues	\$6,430	\$27,243	\$110,865	\$83,622	24.57%
Expenditures					
Salaries	\$44,450	\$202,496	\$608,851	\$406,355	33.26%
Fringe Benefits	\$11,580	\$55,251	\$157,156	\$101,905	35.16%
Travel/Training	\$370	\$3,837	\$7,450	\$3,613	51.50%
Supplies	\$13,674	\$34,948	\$105,635	\$70,687	33.08%
Purchased Services	\$11,563	\$36,975	\$255,150	\$218,175	14.49%
Interdepartment Charges	\$33,625	\$60,725	\$198,285	\$137,560	30.63%
Other Expenses	\$488	\$1,810	\$18,642	\$16,832	9.71%
Total Operating Expenditures	\$115,750	\$396,042	\$1,351,169	\$955,127	29.31%
Capital Outlay					
Total Expenditures	\$115,750	\$396,042	\$1,351,169	\$955,127	29.31%
Other Finance (Sources)	-	-	(\$85,000)	(\$85,000)	0.00%
Net Other Financing Sources/Uses	-	-	(\$85,000)	(\$85,000)	0.00%
Net Increase (Decrease)	(\$109,320)	(\$368,799)	(\$1,155,304)	(\$786,505)	31.92%

Equity:

Ozaukee County Committee Report
Special Revenue Fund Parks Projects
For the Five Months Ending Wednesday, May 31, 2023
Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2023 YTD Actual	2023 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	\$12,795	\$125,357	\$112,562	10.21%
Other Revenue	\$4,250	\$94,847	\$10,500	(\$84,347)	903.30%
Total Revenues	\$4,250	\$107,642	\$135,857	\$28,215	79.23%
Expenditures					
Salaries	\$6,880	\$34,413	\$51,684	\$17,271	66.58%
Fringe Benefits	\$1,658	\$8,877	\$19,359	\$10,482	45.85%
Travel/Training	\$147	\$269	\$223	(\$46)	120.63%
Supplies	\$20,698	\$25,657	\$10,441	(\$15,216)	245.73%
Purchased Services	\$41,504	\$63,949	\$54,150	(\$9,799)	118.10%
Interdepartment Charges	\$16,652	\$65,536	-	(\$65,536)	0.00%
Total Operating Expenditures	\$87,539	\$198,701	\$135,857	(\$62,844)	146.26%
Capital Outlay					
Total Expenditures	\$87,539	\$198,701	\$135,857	(\$62,844)	146.26%
Net Increase (Decrease)	(\$83,289)	(\$91,059)	-	\$91,059	0.00%
Equity:					

Attachment: CommRpt2023 6.22.23 (P&PDept_Management&FinancialReports)

Ozaukee County Committee Report
Special Revenue Fund Ozaukee Water Projects
For the Five Months Ending Wednesday, May 31, 2023
Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2023 YTD Actual	2023 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	\$6,052	\$6,052	-	(\$6,052)	0.00%
Other Revenue	-	\$110,000	\$309,553	\$199,553	35.54%
Total Revenues	\$6,052	\$116,052	\$309,553	\$193,501	37.49%
Expenditures					
Salaries	\$9,445	\$44,562	\$221,115	\$176,553	20.15%
Fringe Benefits	\$3,869	\$21,958	\$88,438	\$66,480	24.83%
Travel/Training	\$30	\$93	-	(\$93)	0.00%
Supplies	\$1,205	\$4,572	-	(\$4,572)	0.00%
Purchased Services	\$13,203	\$24,843	-	(\$24,843)	0.00%
Interdepartment Charges	\$1,427	\$3,095	\$65,000	\$61,905	4.76%
Total Operating Expenditures	\$29,179	\$99,123	\$374,553	\$275,430	26.46%
Capital Outlay					
Total Expenditures	\$29,179	\$99,123	\$374,553	\$275,430	26.46%
Net Increase (Decrease)	(\$23,127)	\$16,929	(\$65,000)	(\$81,929)	-26.04%
Equity:					

Ozaukee County Committee Report
Enterprise Fund Golf Courses
For the Five Months Ending Wednesday, May 31, 2023
Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2023 YTD Actual	2023 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Public Charges for Services	\$138,063	\$139,584	\$2,094,200	\$1,954,616	6.67%
Other Revenue	\$3,664	\$3,841	\$13,475	\$9,634	28.50%
Total Revenues	\$141,727	\$143,425	\$2,107,675	\$1,964,250	6.80%
Expenditures					
Salaries	\$78,472	\$244,852	\$803,593	\$558,741	30.47%
Fringe Benefits	\$21,154	\$95,956	\$244,331	\$148,375	39.27%
Travel/Training	\$1,058	\$3,426	\$12,250	\$8,824	27.97%
Supplies	\$37,294	\$146,399	\$324,374	\$177,975	45.13%
Purchased Services	\$23,460	\$66,813	\$177,474	\$110,661	37.65%
Interdepartment Charges	\$9,520	\$26,512	\$58,507	\$31,995	45.31%
Depreciation	-	-	\$305,350	\$305,350	0.00%
Other Expenses	(\$44)	\$6,171	\$96,789	\$90,618	6.38%
Total Operating Expenditures	\$170,914	\$590,129	\$2,022,668	\$1,432,539	29.18%
Capital Outlay					
Equipment & Furniture	-	-	\$280,000	\$280,000	0.00%
Buildings & Land	-	\$134,707	\$40,000	(\$94,707)	336.77%
Contra	-	-	(\$320,000)	(\$320,000)	0.00%
Total Capital Outlay	-	\$134,707	-	(\$134,707)	0.00%
Total Expenditures	\$170,914	\$724,836	\$2,022,668	\$1,297,832	35.84%
Other Finance Uses	-	-	\$85,000	\$85,000	0.00%
Net Other Financing Sources/Uses	-	-	\$85,000	\$85,000	0.00%
Net Increase (Decrease)	(\$29,187)	(\$581,411)	\$7	\$581,418	-8305871.43%

E q u i t y:

Attachment: CommRpt2023 6.22.23 (P&PDept_Management&FinancialReports)



OZAUKEE COUNTY PLANNING & PARKS Parks Division

Summary of Parks Revenue

June 2023

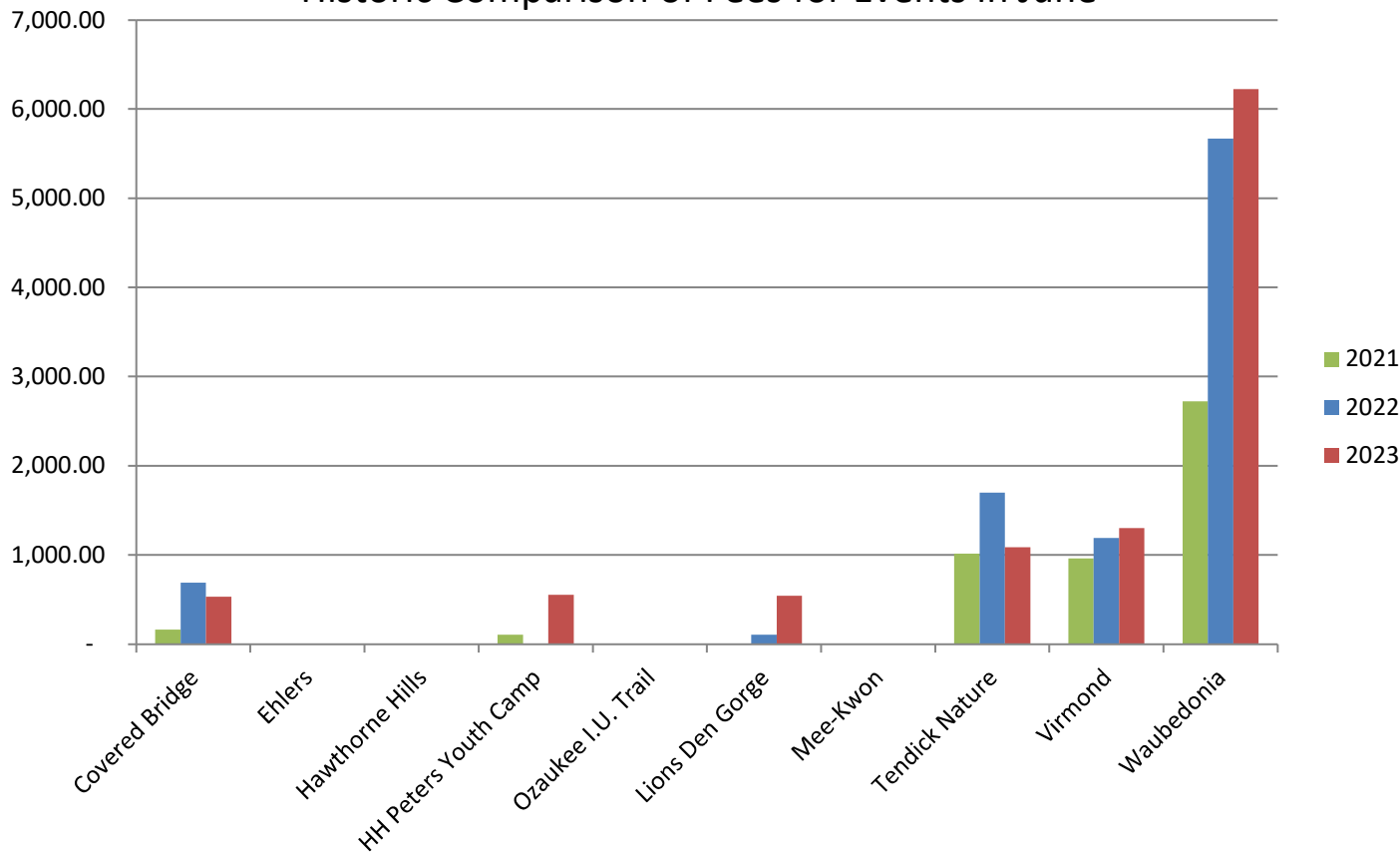
Location	Fees for Events in		Revenue Collected	
	June Cur Mo	2023 YTD	During June Cur Mo	2023 YTD
Covered Bridge	530.02	660.02	415.00	1,450.00
Ehlers	-	71.09	-	71.09
Hawthorne Hills	-	-	-	-
HH Peters Youth Camp	550.01	2,995.63	110.00	5,355.00
Ozaukee I.U. Trail	-	55.00	55.00	110.00
Lions Den Gorge	540.02	647.15	240.00	1,277.97
Mee-Kwon	-	-	-	-
Tendick Nature	1,084.99	5,093.08	1,836.33	5,887.86
Virmond	1,300.06	2,190.10	413.33	3,755.45
Waubedonia	6,224.46	9,848.42	3,359.49	14,904.64
Totals:	10,229.56	21,560.50	6,429.15	32,812.01

Historic Comparison

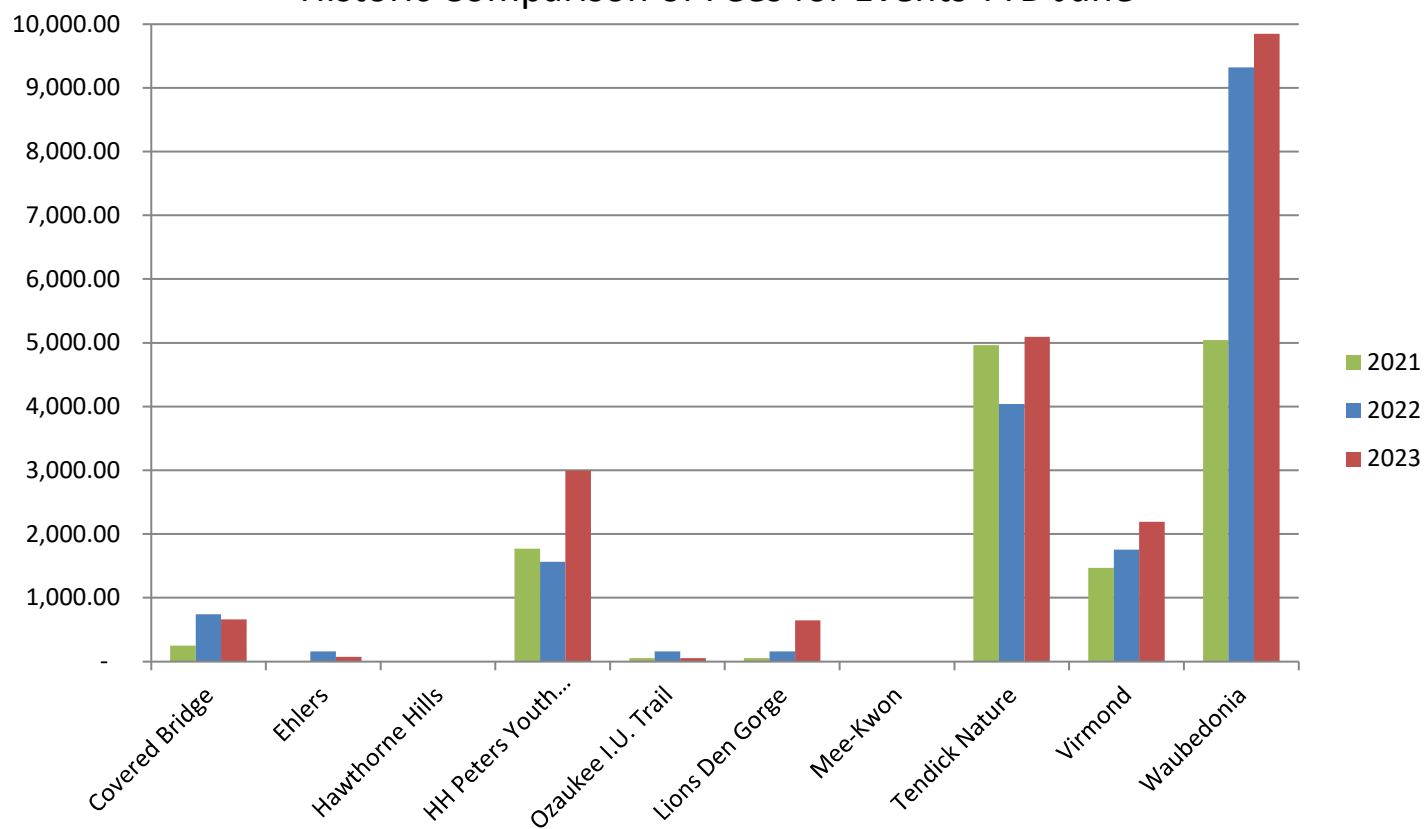
Location	Fees for Events in June			Fees for Events in June YTD		
	2021	2022	2023	2021	2022	2023
Covered Bridge	161.14	687.20	530.02	251.19	739.33	660.02
Ehlers	-	-	-	-	156.40	71.09
Hawthorne Hills	-	-	-	-	-	-
HH Peters Youth Camp	104.27	-	550.01	1,771.93	1,563.98	2,995.63
Ozaukee I.U. Trail	-	-	-	52.13	156.40	55.00
Lions Den Gorge	-	104.27	540.02	52.13	156.40	647.15
Mee-Kwon	-	-	-	-	-	-
Tendick Nature	1,014.22	1,698.09	1,084.99	4,960.90	4,041.21	5,093.08
Virmond	958.29	1,188.48	1,300.06	1,470.14	1,757.20	2,190.10
Waubedonia	2,721.33	5,669.78	6,224.46	5,045.02	9,320.96	9,848.42
Total:	4,959.25	9,347.82	10,229.56	13,603.44	17,891.88	21,560.50

Fee Type	2021	2022	2023	2021	2022	2023
Park Fees	1,593.36	2,847.12	3,638.83	4,370.02	5,558.01	7,727.78
Disc Golf Fees	819.91	1,345.64	872.11	4,610.20	3,688.76	4,675.20
Camping Fees	2,377.25	4,403.40	5,140.42	4,235.07	7,540.85	8,265.35
Firewood	168.72	751.66	578.20	388.15	1,104.26	892.18
Total:	4,959.24	9,347.82	10,229.57	13,603.44	17,891.88	21,560.51

Historic Comparison of Fees for Events in June



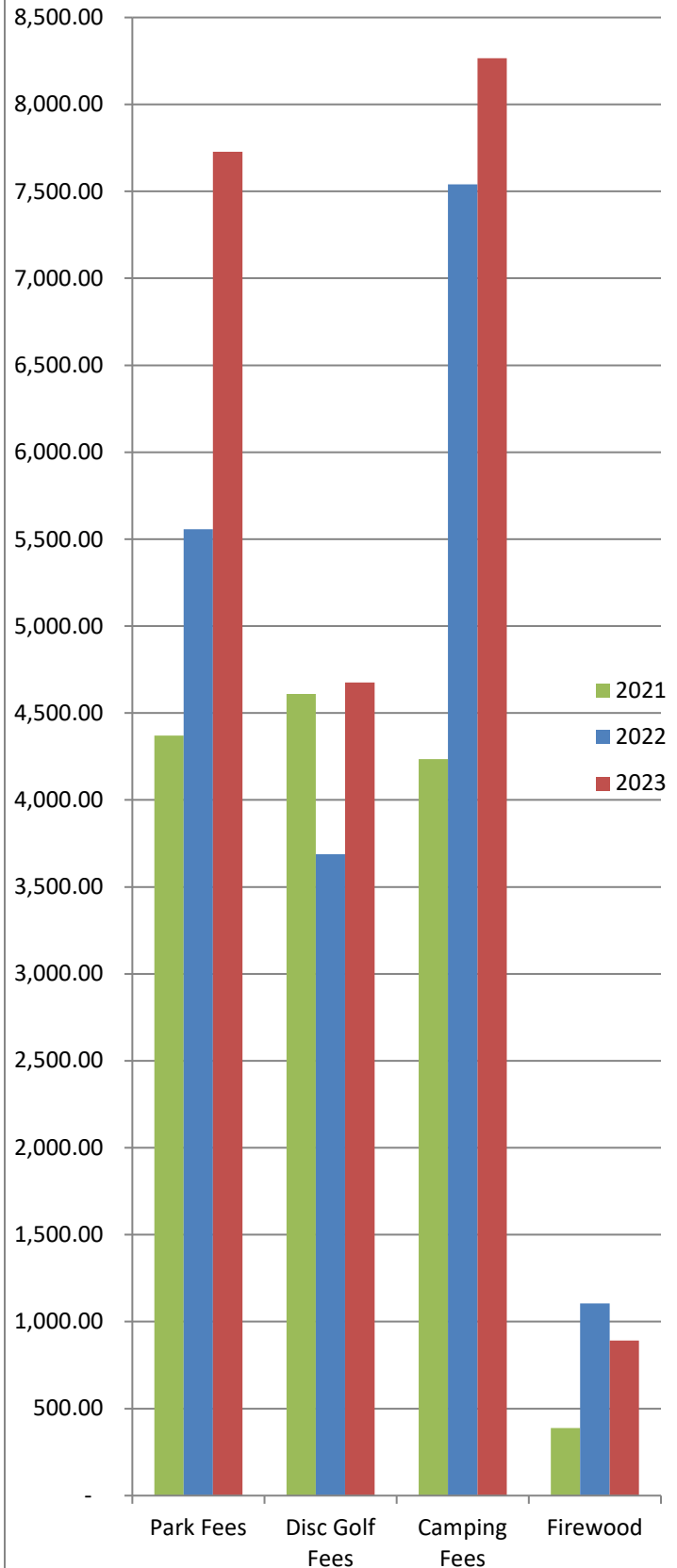
Historic Comparison of Fees for Events YTD June



Historic Comparison for Type of Fees In June



Historic Comparison for Type of Fees YTD June





OZAUKEE COUNTY PLANNING & PARKS

Parks Division

Summary of Parks Revenue

May 2023

Location	Fees for Events in May 2023		Revenue Collected During May 2023	
	Cur Mo	YTD	Cur Mo	YTD
Covered Bridge	130.00	130.00	245.00	1,035.00
Ehlers	-	71.09	-	71.09
Hawthorne Hills	-	-	-	-
HH Peters Youth Camp	275.00	2,445.62	385.00	5,245.00
Ozaukee I.U. Trail	55.00	55.00	55.00	55.00
Lions Den Gorge	55.00	107.13	151.57	1,037.97
Mee-Kwon	-	-	-	-
Tendick Nature	1,115.79	4,008.09	1,404.32	4,051.53
Virmond	890.04	890.04	1,147.12	3,342.12
Waubedonia	3,533.91	3,623.96	3,021.56	11,545.15
Totals:	6,054.75	11,330.94	6,409.57	26,382.86

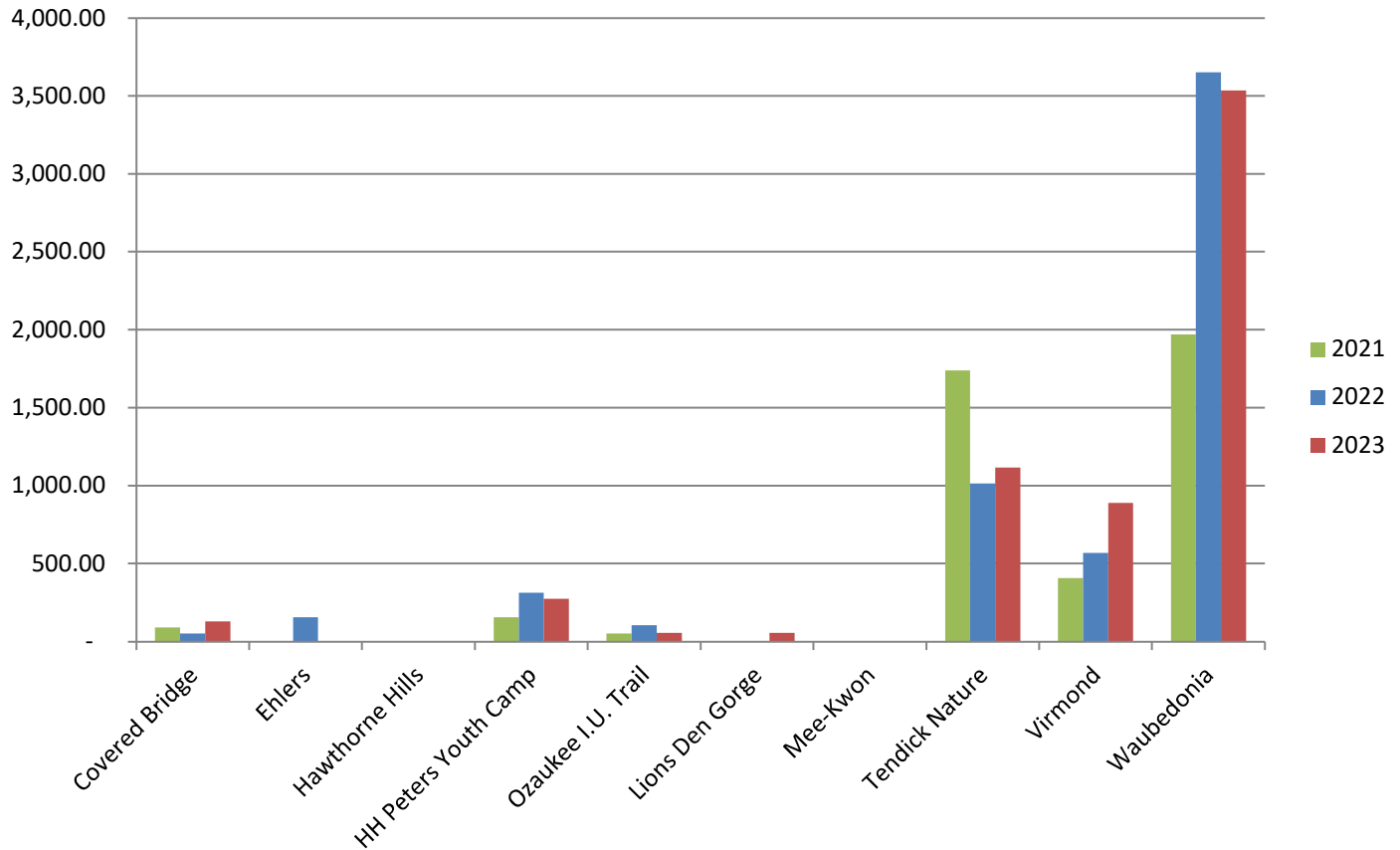
Historic Comparison

Location	Fees for Events in May			Fees for Events in May YTD		
	2021	2022	2023	2021	2022	2023
Covered Bridge	90.05	52.13	130.00	90.05	52.13	130.00
Ehlers	-	156.40	-	-	156.40	71.09
Hawthorne Hills	-	-	-	-	-	-
HH Peters Youth Camp	156.40	312.80	275.00	1,667.66	1,563.98	2,445.62
Ozaukee I.U. Trail	52.13	104.27	55.00	52.13	156.40	55.00
Lions Den Gorge	-	-	55.00	52.13	52.13	107.13
Mee-Kwon	-	-	-	-	-	-
Tendick Nature	1,739.10	1,014.22	1,115.79	3,946.68	2,343.12	4,008.09
Virmond	407.58	568.72	890.04	511.85	568.72	890.04
Waubedonia	1,969.19	3,651.18	3,533.91	2,323.69	3,651.18	3,623.96
Total:	4,414.45	5,859.72	6,054.75	8,644.19	8,544.06	11,330.94

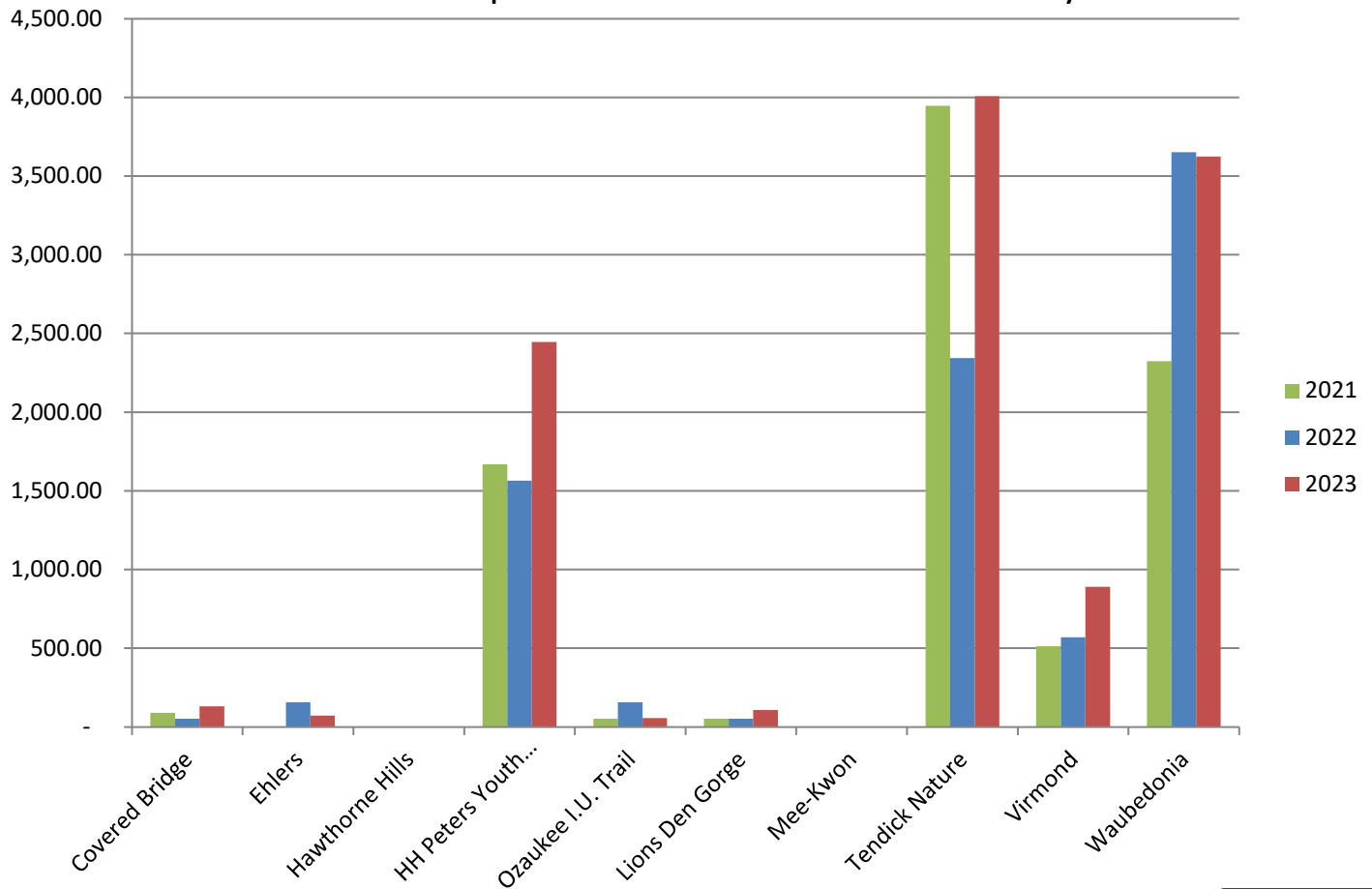
Fee Type	2021	2022	2023	2021	2022	2023
Park Fees	952.61	1,355.45	1,705.05	2,776.66	2,710.89	4,088.94
Disc Golf Fees	1,739.10	1,014.22	910.79	3,790.29	2,343.12	3,803.09
Camping Fees	1,503.32	3,137.45	3,124.93	1,857.82	3,137.45	3,124.93
Firewood	219.43	352.60	313.98	219.43	352.60	313.98
Total:	4,414.46	5,859.72	6,054.75	8,644.20	8,544.06	11,330.94

Attachment: Summary of Parks Revenue May 2023 (P&PDept_Management&FinancialReports)

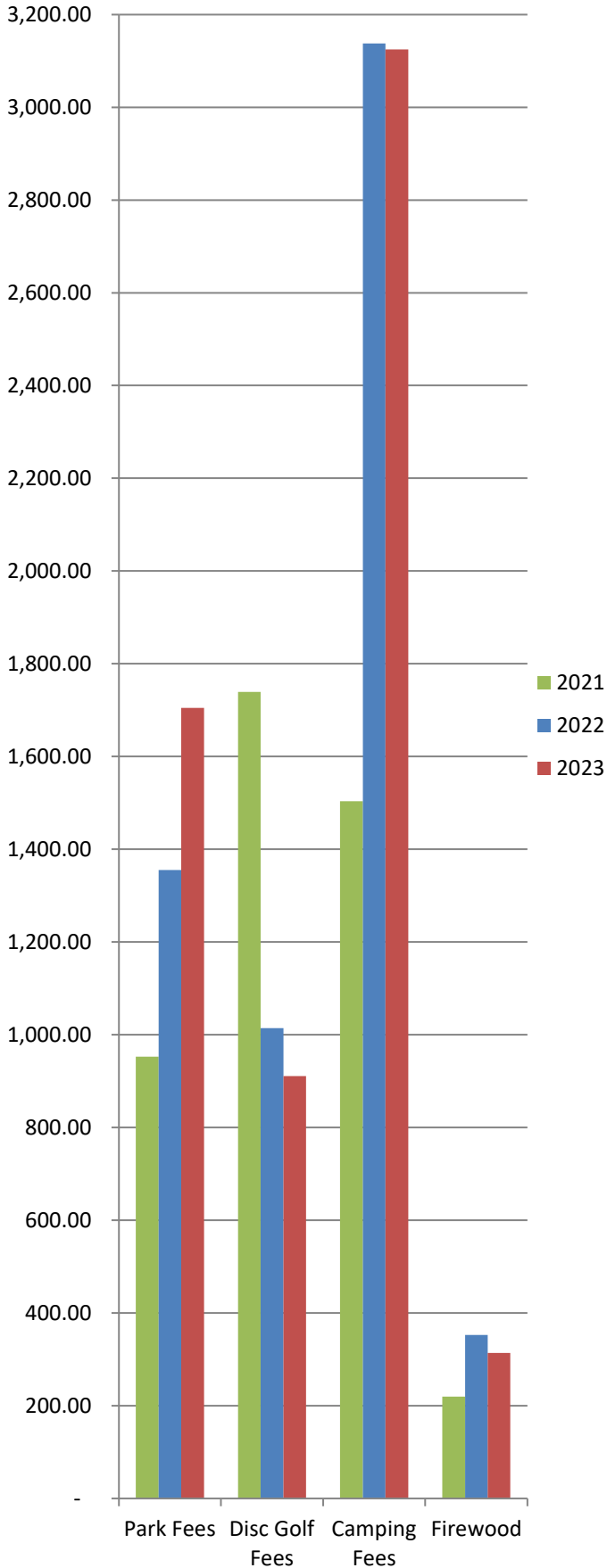
Historic Comparison of Fees for Events in May



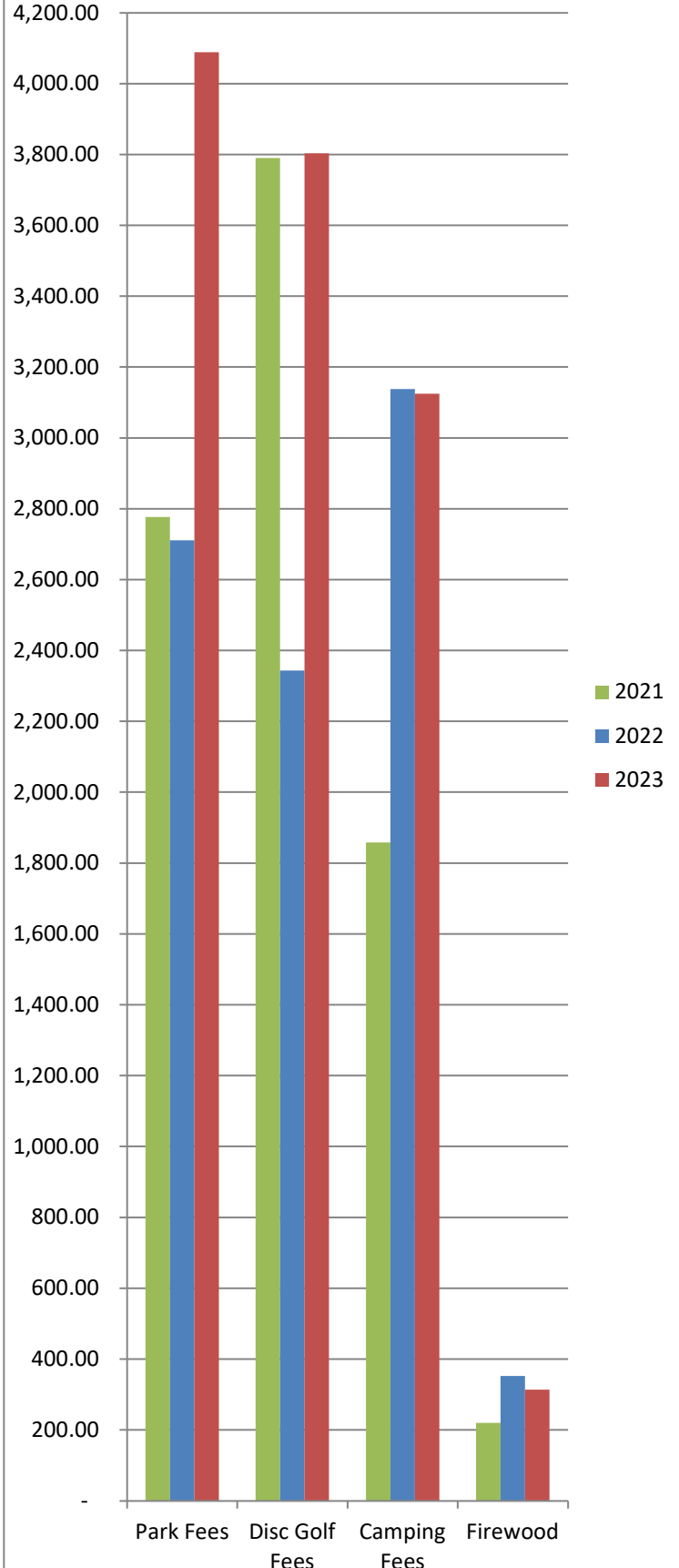
Historic Comparison of Fees for Events YTD May



Historic Comparison for Type of Fees In May



Historic Comparison for Type of Fees YTD May





OZAUKEE COUNTY PLANNING & PARKS SUMMARY OF GOLF COURSE RECEIPTS GOLF COURSE DIVISION

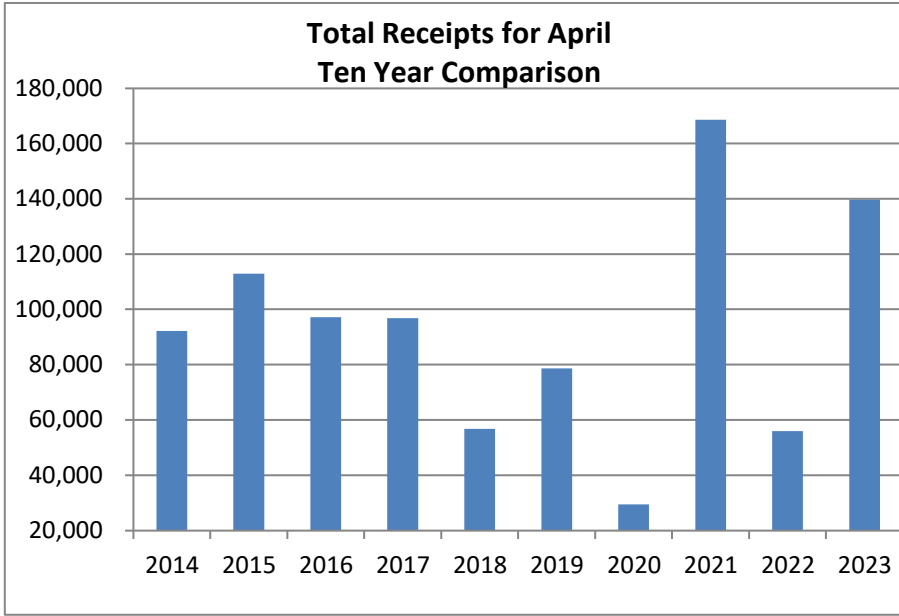
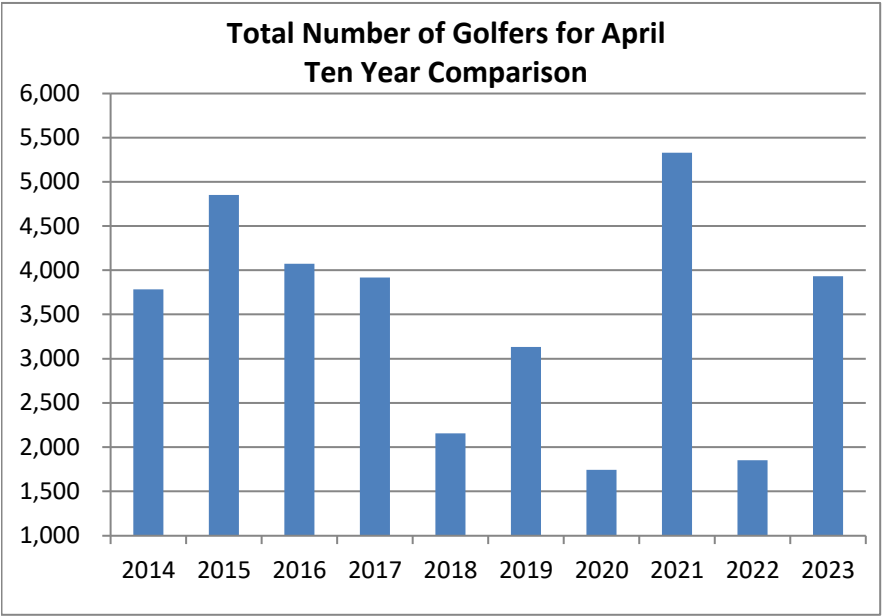
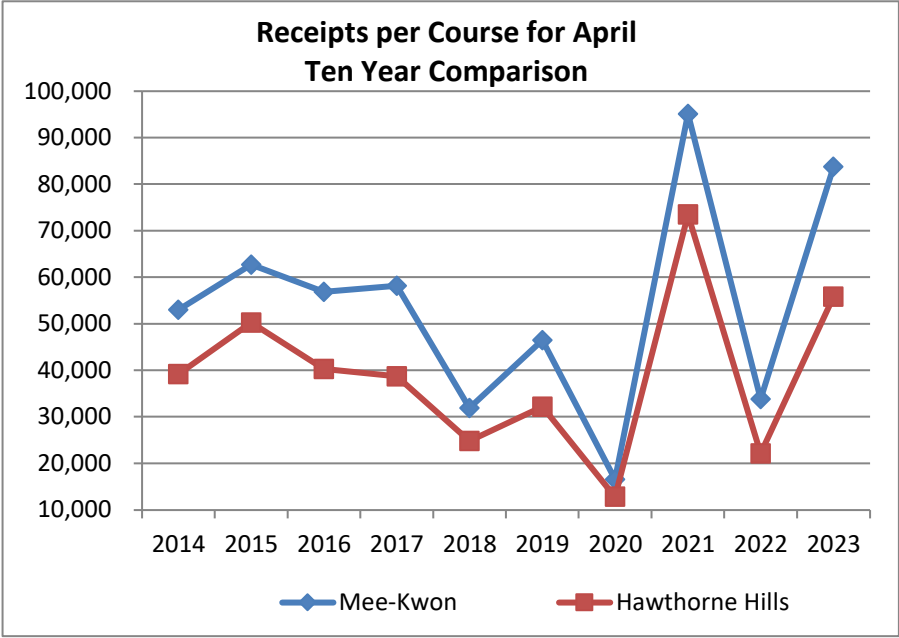
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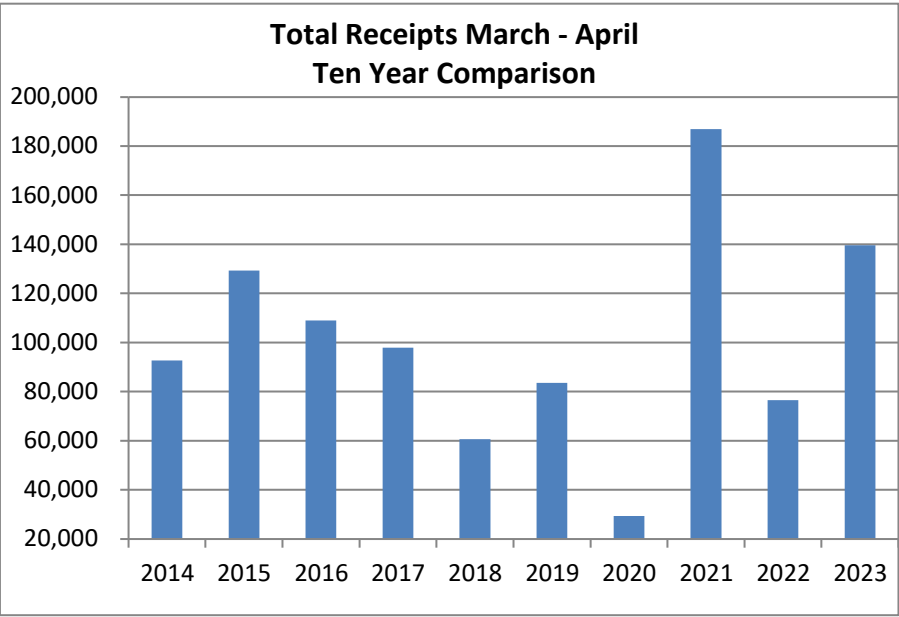
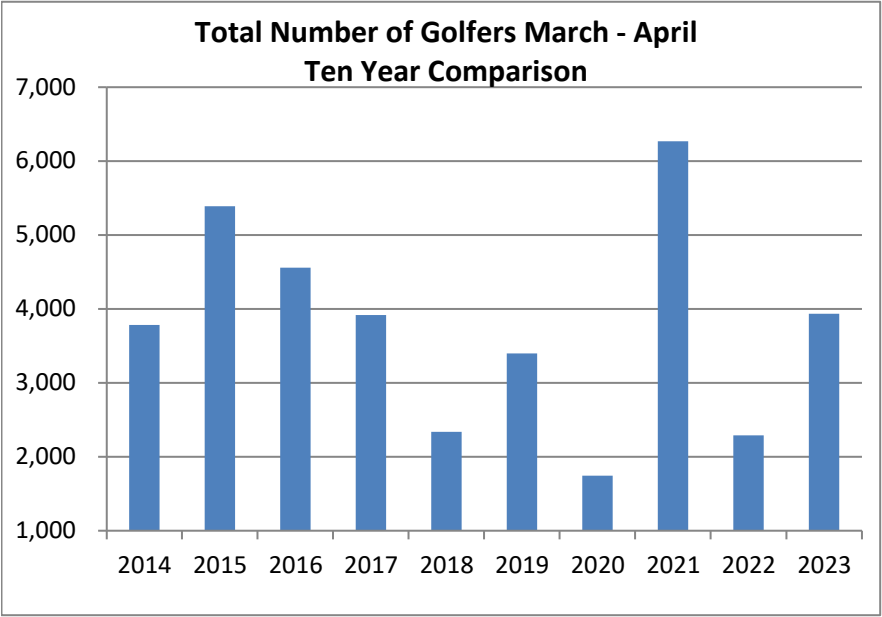
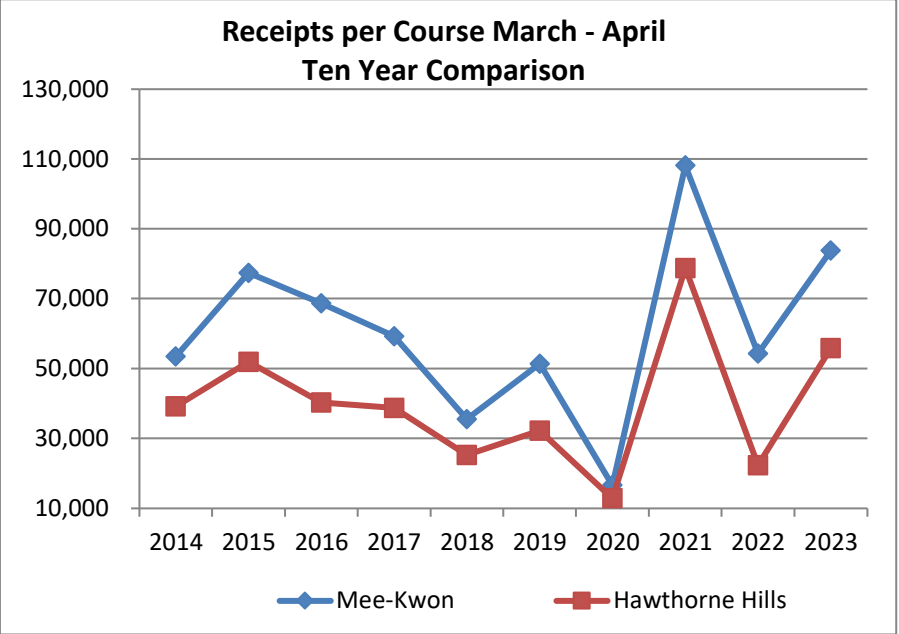
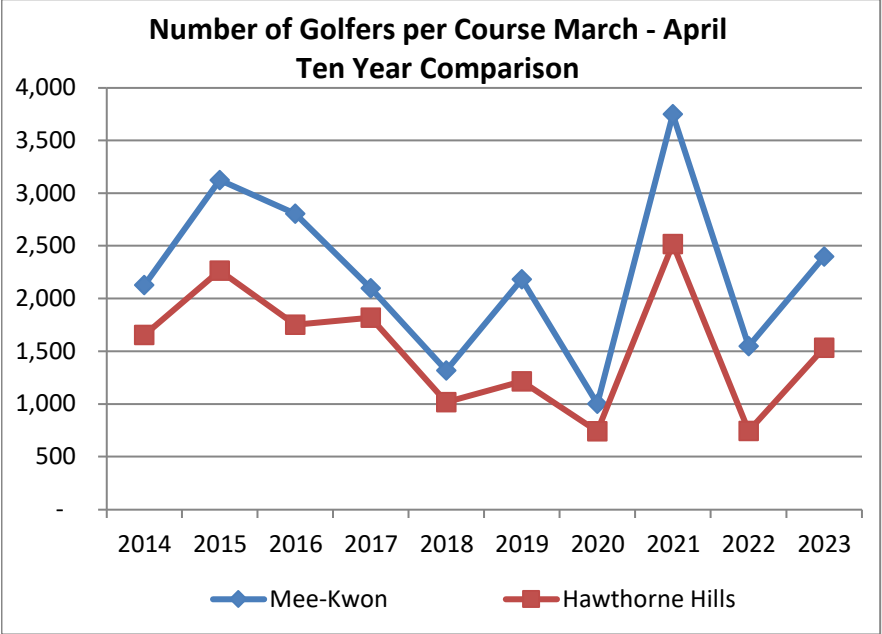
	This year	Last year
Hawthorne Hills opened	4/7/2023	3/29/2022
Mee-Kwon opened	4/3/2023	3/16/2022

	Current Month				Year to Date			
	April 2023		April 2022		April 2023		April 2022	
	Golfers	Receipts	Golfers	Receipts	Golfers	Receipts	Golfers	Receipts
Hawthorne Hills	1,534	\$ 55,850	744	\$ 22,096	1,534	\$ 55,850	744	\$ 22,096
Mee-Kwon	2,399	\$ 83,755	1,107	\$ 33,793	2,399	\$ 83,755	1,547	\$ 54,299
	3,933	\$ 139,606	1,851	\$ 55,889	3,933	\$ 139,606	2,291	\$ 76,395

	Current Month			Year to Date		
Hawthorne Hills	790	Increase (Decrease) in Golfers		790	Increase (Decrease) in Golfers - Year to Date	
	\$ 33,754	Increase (Decrease) in Receipts		\$ 33,754	Increase (Decrease) in Receipts - Year to Date	
Mee-Kwon	1,292	Increase (Decrease) in Golfers		852	Increase (Decrease) in Golfers - Year to Date	
	\$ 49,962	Increase (Decrease) in Receipts		\$ 29,456	Increase (Decrease) in Receipts - Year to Date	
Total	2,082	Increase (Decrease) in Golfers		1,642	Increase (Decrease) in Golfers - Year to Date	
	\$ 83,716	Increase (Decrease) in Receipts		\$ 63,210	Increase (Decrease) in Receipts - Year to Date	









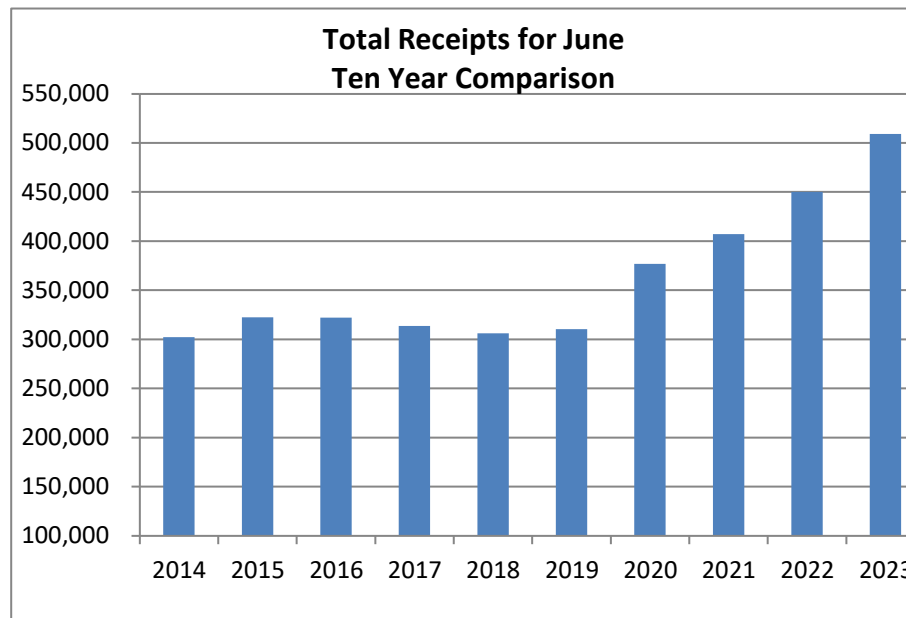
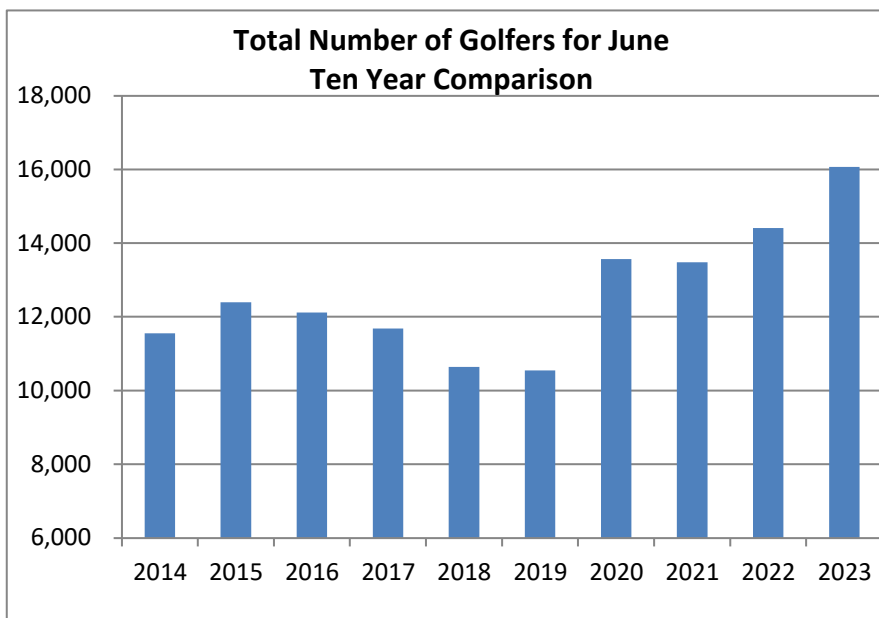
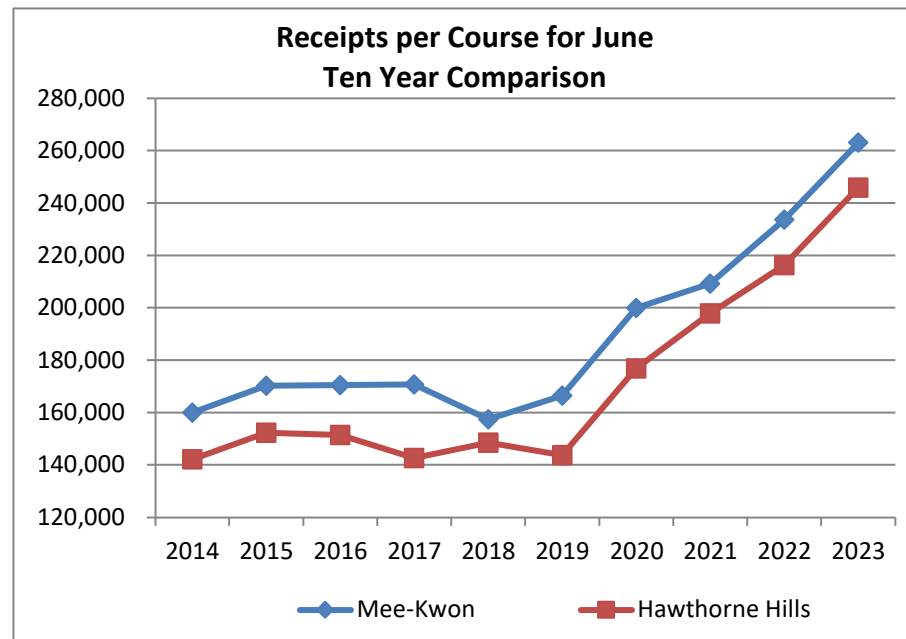
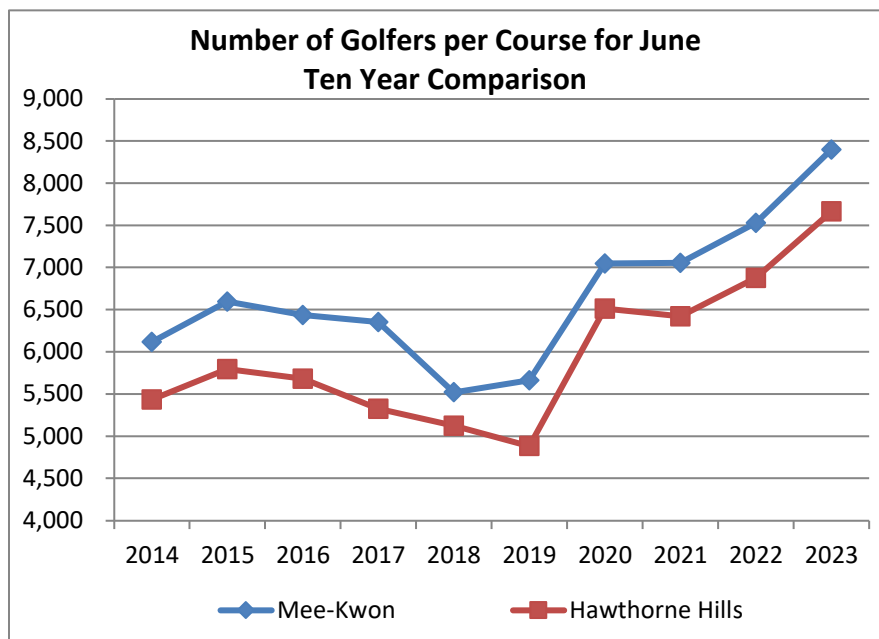
OZAUKEE COUNTY PLANNING & PARKS
SUMMARY OF GOLF COURSE RECEIPTS
GOLF COURSE DIVISION
JUNE 2023

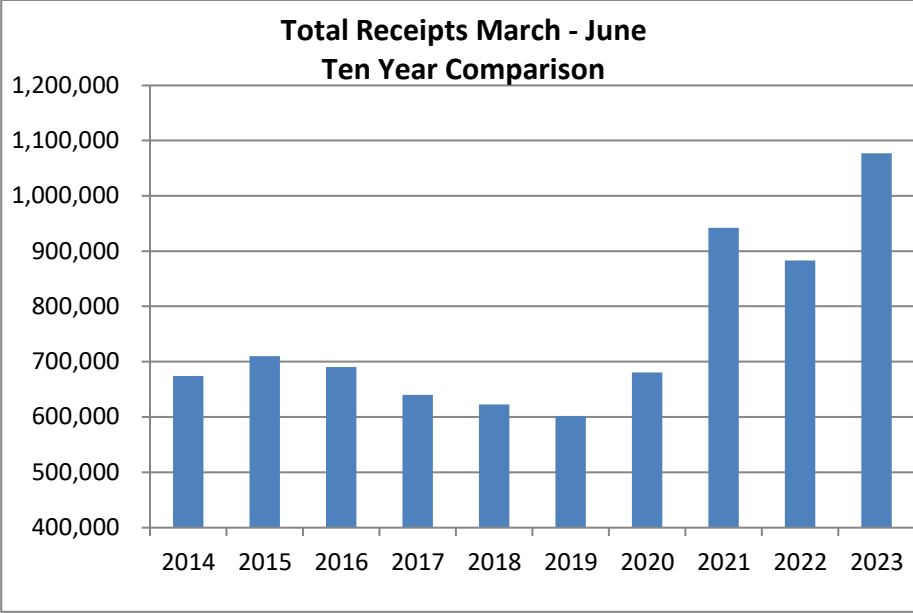
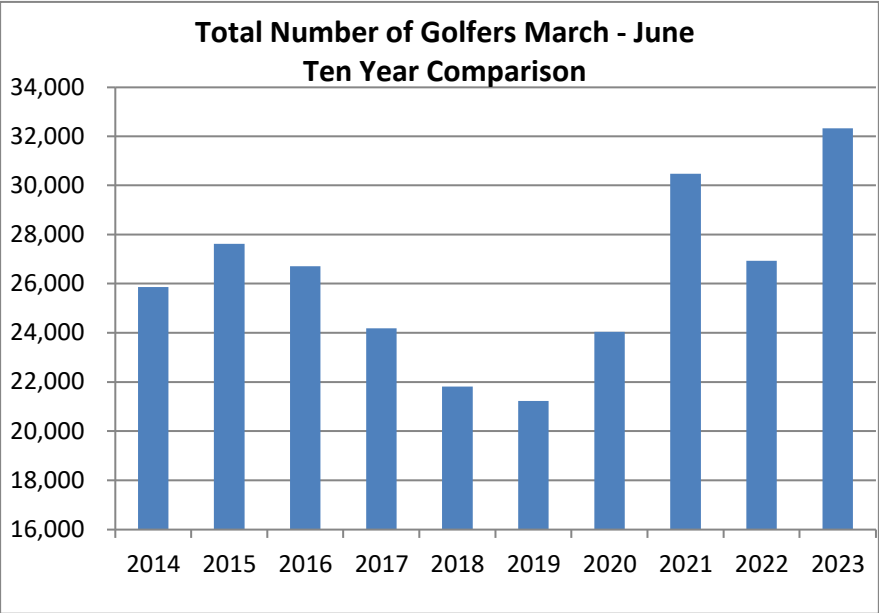
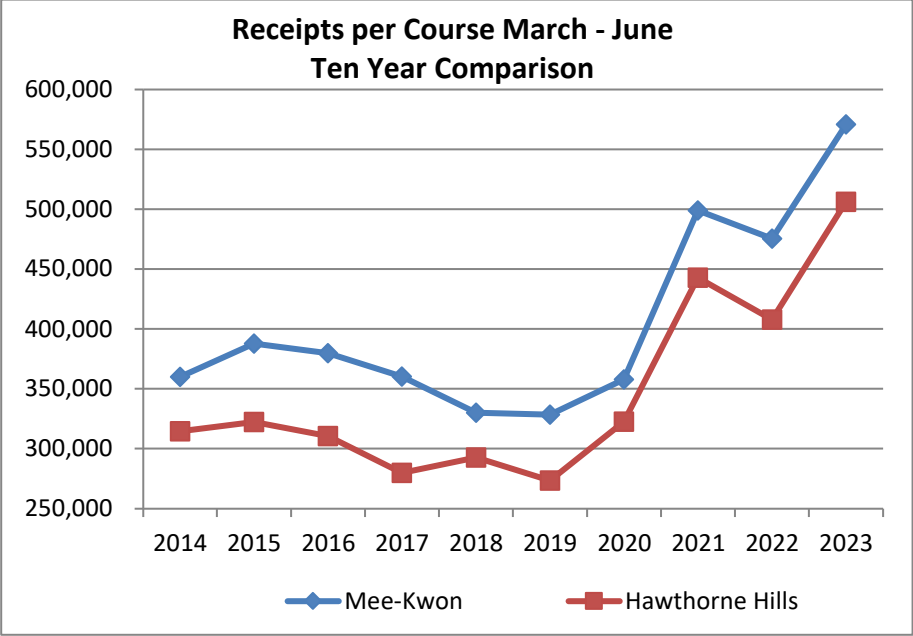
	This year	Last year
Hawthorne Hills opened	4/7/2023	3/29/2022
Mee-Kwon opened	4/3/2023	3/16/2022

	Current Month				Year to Date			
	JUNE 2023		JUNE 2022		JUNE 2023		JUNE 2022	
	Golfers	Receipts*	Golfers	Receipts	Golfers	Receipts*	Golfers	Receipts
Hawthorne Hills	7,665	\$ 245,879	6,878	\$ 216,320	15,175	\$ 506,124	12,613	\$ 407,767
Mee-Kwon	8,399	\$ 263,075	7,530	\$ 233,637	17,154	\$ 570,772	14,321	\$ 475,348
	16,064	\$ 508,954	14,408	\$ 449,957	32,329	\$ 1,076,896	26,934	\$ 883,115

	Current Month			Year to Date	
Hawthorne Hills	787	Increase (Decrease) in Golfers	2,562	Increase (Decrease) in Golfers - Year to Date	
	\$ 29,559	Increase (Decrease) in Receipts	\$ 98,358	Increase (Decrease) in Receipts - Year to Date	
Mee-Kwon	869	Increase (Decrease) in Golfers	2,833	Increase (Decrease) in Golfers - Year to Date	
	\$ 29,438	Increase (Decrease) in Receipts	\$ 95,424	Increase (Decrease) in Receipts - Year to Date	
Total	1,656	Increase (Decrease) in Golfers	5,395	Increase (Decrease) in Golfers - Year to Date	
	\$ 58,997	Increase (Decrease) in Receipts	\$ 193,781	Increase (Decrease) in Receipts - Year to Date	







Attachment: Golf Courses Daily Revenue 2023 (P&PDept_Management&FinancialReports)



2023 NACo ACHIEVEMENT AWARD WINNER

Mineral Springs Creek Restoration

OZAUKEE COUNTY, WIS.

ABOUT THE PROGRAM

CATEGORY: Risk and Emergency Management

YEAR: 2023

The Ozaukee County Planning and Parks Department (Department) has engineered and constructed a coastal resiliency and restoration project on Mineral Springs Creek, a tributary to Lake Michigan, in the City of Port Washington, Wisconsin. In 2018, the creek's watershed experienced an unprecedented (500 year) rainstorm that scoured the stream bed, exposing a sanitary sewer line. In response, the City of Port Washington installed emergency protection of the utility corridor that created a dam with a large vertical drop (3-4 ft) from the top of the concrete to the downstream water surface during typical flow conditions. This new structure created a major barrier for fish passage



CBS 58 Spotlight - <https://www.youtube.com/watch?v=GKtbYh6lIm>



Natalie Shepherd

6d · 🌐

Join us this evening on [CBS 58](#) for our #58Hometowns stop in Cedarburg! Strawberry Festival is coming up this weekend, so they're getting ready for a very busy few days. 🍓🍓🍓🍓🍓



Ozaukee PRESS

Published in Port Washington

www.ozaukeeexpress.com

Thursday, June 8, 2023

Section I

"I was on my way out to the car to go to the hospital and I stopped and told my

The couple headed back into the house, where Carlie lay down in the front hall

See **Officers** on page 11B

See **Land** on page 4B

County receives key grant but access to preserve still years away

■ Money will be used for parking lot but official says Clay Bluffs Cedar Gorge probably won't open for 2 or 3 years

By **DAN BENSON**
Ozaukee Press staff

Development of the Ozaukee County-owned Clay Bluffs Cedar Gorge Nature Preserve along the bluffs on the south side of Port Washington has taken a couple significant steps forward in recent weeks, but it still is likely the public won't have access to the 131-acre preserve for a couple years.

"I know people are anxious to get out there. I'm hoping some initial access will be there in two or three years," county Planning and Parks Director Andrew Struck

said Tuesday.

The Ozaukee County Board was expected to approve acceptance of a \$166,700 Wisconsin Coastal Management Program grant to restore wetlands and provide public access at the preserve.

Those funds will be combined with another \$181,000 in county capital improvement funds and \$69,000 in state and private foundation grants — for a total cost of \$416,700 — to develop a six-acre parcel at the preserve's southern end that will in-

See **Preserve** on page 2B



A TRACTOR SEEDING RYE GRASS recently onto 75 acres of farmland on part of the Clay Bluffs Cedar Gorge Nature Preserve along the Lake Michigan bluff on Port Washington's south side. The rye grass will cover the farmland to help conserve soil until the field can be converted to native prairie grasses.
Photo by Sam Aren

Preserve: Master plan for Port bluff land is next step

clude a parking lot, pavilion, restrooms and other amenities.

Struck said planning the improvements on that parcel will be a focus of work on the preserve the rest of the year, with construction occurring next year so that the preserve will be at least partially open to the public in 2025.

Making development of the parcel possible was an agreement between the county and the Ozaukee Washington Land Trust to create a conservation easement that will preserve the park from development in the future.

The agreement was approved by the County Board last month and lessens restric-

tions on the six acres so it can be developed as a visitor's area.

The agreement has not been recorded yet but Struck called that a technicality and expects that step to be completed this month.

The 131-acre tract was purchased by the land trust last August for \$5 million with the help of \$2.3 million in federal American Rescue Plan Act funding. After the purchase, it was transferred to Ozaukee County.

The park includes three-quarters of a mile of Lake Michigan shoreline and bluffs.

The preserve is considered ecological significant because of its unique vegetation and habitat for a variety of species, including the short-eared owl, which is a species of specific concern.

The land was platted for a subdivision decades ago as part of the Port Vincent development planned by Brookfield developer Vincent Kuttemperoor.

That plan fell through, as did a proposal to create Cedar Vineyard, a subdivision that would have carved out both land for preservation and a residential subdivision.

The next hurdle in development of the preserve is completion of its master plan, which Struck said he expects to be completed by the end of this year.

"We have a draft master plan that we're working under and we're hoping we will have a final adopted version by the end of the year," he said.

That plan calls for forest and wetlands

restoration, a system of trails, creation of a native prairie that is currently farmland and stairway access to the Lake Michigan shoreline by which hikers can go from the new preserve to Lion's Den Gorge Nature Preserve to the south.

The plan also calls for a multi-use trail along Highway C that also will connect the two preserves.

Struck would not hazard a guess on how long it will take to fully develop Clay Bluffs, especially as much of funding for the project is dependent on grants that have not yet been approved.

"The main infrastructure at Lion's Den took about 10 years. It may take a little more than that with Clay Bluffs," he said.

Attachment: Ozaukee County Press 6.8.23, County receives key grant but access to preserve still years away

OZAUKEE COUNTY TOURISM

Enjoying Ozaukee County's water resources

OZAUKEE COUNTY — Ozaukee County is home to many beautiful parks where visitors can access the county's rivers and creeks, as well as the stunning shores of Lake Michigan. Whether you're looking for a multiple-day water adventure or a short relaxing opportunity to paddle, Ozaukee County Parks offer a whole host of water activities for you, your family and friends to enjoy!

Exploring the Milwaukee River

Launch your canoe, kayak or paddleboard for a few hours or a day of paddling along the Milwaukee River! Public launches are located at Tendick Nature Park, Ehlers County Park, River Oaks County Park and Waubedonia County Park. In addition, several municipal parks like Village Park in the village of Thiensville and Veterans Park in the village of Grafton have accessible launches on the Milwaukee River.

Grafton offers canoe ramps with ample parking in Lions Park, Lime Kiln Park, River Front Park and Veterans Memorial Park. There is also a canoe ramp in the town of Grafton at 2400 N. Green Bay Road.

For a complete list of launch sites in the county, make sure to check out the Milwaukee-Ozaukee Urban Water Trail Map through the Milwaukee Riverkeeper, which connects a large stretch of the Milwaukee River and its tributaries in Ozaukee County to the more urban stretches of river in Milwaukee County. Their online interactive map will assist in planning your route and avoiding hazards such as dams and rapids along the river.

Fish Habitats and Fishing

Ozaukee County's lakes and ponds, the Milwaukee River, Cedar Creek and Lake Michigan all offer great



Submitted photos

Above, an aerial view of the Port Washington Harbor. **Below**, a lucky angler proudly displays a bass he caught in an Ozaukee County waterway.

opportunities to catch a wide variety of fish, including northern pike, smallmouth bass, yellow perch and bluegill. The Ozaukee County Planning and Parks Department's Fish Passage Program has been working to restore natural stream functions and reconnect and enhance high quality habitats for these native fish.

A good example of this is the former Lime Kiln Dam on the Milwaukee River. In cooperation with the village of Grafton, the Lime Kiln Dam was removed in 2010, improving public access to the river. Today the site is a popular destination for anglers targeting smallmouth bass, including those who want to try fly-fishing. The limestone island is connected by a pedestrian bridge, and the deep water where the dam used to be is a great place to fish for big northern pike and small-

mouth bass. Be sure to check out the educational signage to learn more about the dam removal project and the Ozaukee County Fish Passage Program.

Village Park in Thiensville also offers another Fish Passage Program project, the Milwaukee River Mequon-Thiensville Dam Fishway. The fishway was installed in 2010 and has provided a key link to fish passage on the Milwaukee River between Lake Michigan and the Bridge Street Dam in Grafton. To date, it has succeeded in passing 37 different fish species as well as many other wildlife species, such as river otter. Check out the live fishway camera on the Ozaukee County Planning and Parks Department website to try to identify a passing fish or plan your next fishing adventure!

Lake Michigan Water Trail



Ozaukee County is a part of the National Lake Michigan Water Trail. Created in 2011, the trail consists of 1,600 miles around the Great Lakes' entire shoreline.

You can access public beaches from the waterside at two county parks, including Lion's Den Gorge Nature Preserve and Virmond County Park. These access points are great places to get out and rest or explore and hike the park's trails, access the city of Port Washington's downtown and harbor for shopping and other lakeshore attraction, or plan a destination paddle to Harrington Beach State Park (which offers a kayak accessible campsite/yurt).

Beautiful Belgium

The town of Belgium offers up more than a mile of Lake Michigan access at Harrington Beach State Park. In addition to enjoying the sandy beaches and camping options, park visitors can easily hike the perimeter of the peaceful 26-acre Quarry Lake or wander down to spy on turtles and listen to the frogs at Puckett's Pond. While only the bold may brave swimming

in the lake in early summer, feel free to bring your fishing pole, canoe, kayak or favorite skipping stones to enjoy the many opportunities at Harrington.

Quarry Lake and Puckett's Pond bring in fishermen seeking trout, crappies, bluegills and other panfish. Those with stamps for Great Lakes salmon and inland trout stamps can surf fish. There is no boat launch but small vessels such as canoes and kayaks can be used with care (and PFDs) on Lake Michigan. Harrington Beach State Park offers "Free Fun Weekend" June 3 and June 4, waiving park admission and offering free fishing (no stamps or licenses required) for all. The free Ozaukee County Fishing Clinic takes place Saturday, June 3 from 9 a.m. to 3 p.m. at Puckett's Pond. Fishing equipment, lunch and giveaways will be provided for all ages.

Scuba Divers may be interested in exploring the Niagara shipwreck. This wooden ship suffered a fire and sank in 1856, claiming the lives of approximately 169 passengers. The doomed freighter rests in 80 feet of

water a few hundred yards off the point of a Harrison picnic area marked the Niagara's anchor.

Shipwreck Sanctuary

Speaking of shipwrecks, the newly designated Wisconsin Shipwreck Coast National Marine Sanctuary is one of 15 U.S. National Marine Sanctuaries and protects 36 historic shipwreck sites off Wisconsin's coastline, including sites that played an important role in building the nation between the 1830s and 1930s. Research suggests that another 60 shipwrecks exist that are yet to be discovered. This designation opens new opportunities for recreational diving, research, resource protection and education in Ozaukee County. The sanctuary begins just south of the city of Port Washington. Find out more on the National Marine Sanctuaries website.

Camping along the Milwaukee River

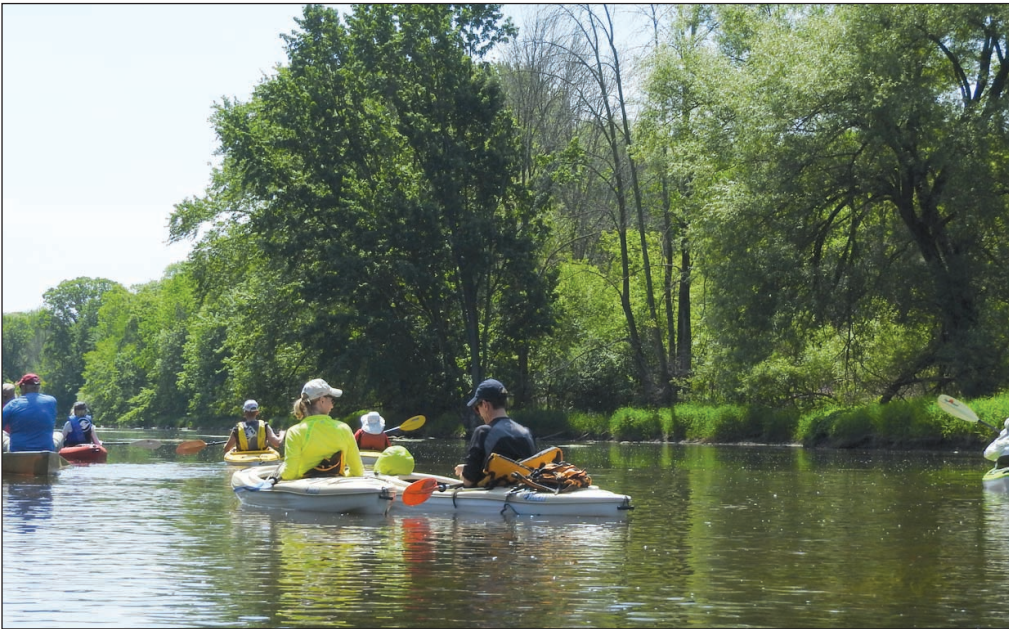
Waubedonia County Park, bordered by the Milwaukee River, makes for a lovely weekend getaway in Fremont! There are 17 rustic campsites, which are open from the first Saturday in May through the third Sunday in October, weather permitting and by reservation. Spring is a beautiful time to see the variety of blooming wildflowers, as well as the migrating birds that use the river as a travel corridor. At Waubedonia County Park, you can fish for smallmouth bass and northern pike practically from your campsite. Bring your canoe, kayak or paddleboard and use the convenient public launch for an afternoon of paddling on the Milwaukee River!

Covered Bridge County Park

Enjoy beautiful Cedar Creek while standing on the last historic covered bridge in Wisconsin at Covered Bridge County Park. Spend the day picnicking, fishing, kayaking or hosting an event in one of the Ozaukee County Park System's newest open-air pavilions located near the park entrance.

Reservations for all Ozaukee County Park System pavilions, campsites and spaces can be made by visiting the Planning and Parks Department website.

You can pick up a copy of the Ozaukee County Tourism Guide available at area chambers and visitor centers, visit www.ozauketourism.com and follow Ozaukee County Tourism on Facebook. On behalf of the Ozaukee County Tourism Council, thank you for helping make our county a great place to live and play!



Submitted photo

Kayakers enjoy a relaxing paddle in Ozaukee County..

Attachment: Ozaukee News Graphic Article 5.30.23, Enjoying Ozaukee County's water resources (P&PDept_Management&FinancialReports)



OZAUKEE COUNTY

NEWS GRAPHIC

A Trusted News Source Since 1883

\$2

Thursday, June 1, 2023

gmtoday.com

Mequon Road OIT crossing project remains on schedule

MEQUON — Almost a month in, the Mequon Road-Ozaukee Interurban Trail Improvement project remains on schedule and is anticipated to wrap up in late October.

According to the city's newsletter, crews removed pavement, curb and sidewalk on the westbound (north) side of Mequon Road, as well as prepared the gravel base and set forms for the new concrete sidewalk. The same was done to the eastbound lane last week.

In addition, the storm sewer adjustments and removals on the westbound side were also completed, and the installation of concrete sidewalk on the westbound side is underway.

The city notes that moving forward, crews will remove and replace drive entrances to Rick's Auto and River Centre Mall. Fiber optic and vault boxes are also

in the process of being relocated.

"Lane closures will remain in effect and local businesses will remain accessible throughout the project," according to the city. "At certain times during the project, an alternative entrance may need to be used."

To limit traffic congestion, drivers on Mequon Road are encouraged to take turns merging near the lane closure.

"Take turns merging into one lane, like the teeth of a zipper coming together. This method can help reduce traffic backups by utilizing all available lanes until the merge point," the city added.

The project, which is part of the final phase upgrades to the Mequon Town Center, includes roadway and streetscape improvements along Mequon Road from North Buntrock Avenue to North Cedarburg Road.

OZAUKEE COUNTY



NEWS GRAPHIC

A Trusted News Source Since 1883

MT Trails Foundation presents 'Summer Evening Chef's Table' fundraiser

By Dee Girard
Special to the News Graphic

MEQUON — MT Trails Foundation will be holding their inaugural signature fundraiser for the Highland Road Bike/Pedestrian path in Mequon from 5:30 p.m. to 10 p.m. July 13 at Rotary Park in Mequon.

The Mequon-Thiensville Community Foundation and Gathering on the Green will be partnering with MT Trails Foundation to bring this elite Chef's event to Mequon.

Guests will arrive to decorated tents, start off with

cocktails and passed hors d'oeuvres followed by individual chef tables with top chefs from southeastern Wisconsin who will share their time and talent to present a five-course meal tableside with beverage pairings. The evening continues with a live band, dancing and mingling.

Elite chefs committed to date are from Pastiche Bistro, Mr. B's (A Bartolotta Steakhouse), Lime Cantina Cedarburg, Ozaukee Country Club, Brasserie Des Artes, Lazy Susan, Pasta Tree, Pizzaman, and Noble Catering.

"This event is a great way

to enjoy a summer evening at the beautiful Rotary Park in Mequon. Rotary Park is used for bicycling, walking, running, competitive sport activities, fishing and entertainment" said Lori Lorenz, president of the Mequon-Thiensville Community Foundation. "Connecting Rotary Park to the Ozaukee Interurban Trail and the Town Centers of Mequon and Thiensville for pedestrians and bicyclists will be a great benefit to our community."

"For decades Gathering on the Green has put on our flag-

ship event in Rotary Park and an off-road paved path that would connect Rotary Park to the Ozaukee Interurban Trail is a dream come true," said Melissa Shneyder, executive director of Gathering on the Green. "It would enable many more people to safely discover and explore the fantastic asset of Rotary Park."

MT Trails Foundation's mission is to develop and support a system of family-friendly bicycling and walking connecting off road paved trails throughout the Mequon and Thiensville communities. Its first project, the Highland Road Bike/pedestrian path, will be a paved off-road 10 foot wide two directional bike/pedestrian path from Ozaukee Interurban Trail along Highland Road to Rotary Park within the City of Mequon right of way. The final design phase is to begin this July with construction in summer 2024. Through private donations and federal grants, they have already raised \$1.1 million of the projected \$1.5 million cost.

Space is limited! To purchase tickets and for sponsorship information, go to www.mtcfgives.org/summerparty or call 262-238-3803.

(Dee Girard is chairwoman of fundraising and development of the Mequon-Thiensville Community Foundation.)

OZAUKEE COUNTY



NEWS GRAPHIC

A Trusted News Source Since 1883

\$2

Tuesday, June 20, 2023

gmtoday.com

Portal's 36th Fish Day Run/Walk/Roll returns next month

PORT WASHINGTON — Portal, inc. will be hosting the 36th Fish Day Run/Walk/Roll on Saturday, July 15, kicking-off Saturday's activities of the three-day Port Fish Day festival.

This year, both runners and walkers will enjoy a 5K route — starting and finishing in Coal Dock Park, continuing through the harbor area, moving through upper lake park and returning on the Interurban Trail. The route supports strollers and wheelchairs.

With pre-registration fees, participants receive a Portal 36th Fish Day Run/Walk/Roll commemorative T-shirt and a finisher medal.

Pre-registration is now available at the Portal, inc. website, www.portalinc.org, or directly at RunSignUp, <https://runsignup.com/Race/WI/PortWashington/FishDayRunWalkorRoll>. Pre-registration fee remains \$30 through June 30; increases to \$35 on July 1; and will increase to \$40 on Run/Walk/Roll day. Refer five individuals who register and get a refund on your registration fee.

First place awards, both male and female, will be presented in the following age categories: under age 9, 10-14, 15-19, 20-29, 30-39, 40-49, 50-59, 60-69 and over 70 years.

RaceDayEvents, the Midwest's leader in event production management, will coordinate the event.

The following are sponsors of the event: Shirli Flack, Ascension, Allied Insulation Company Inc, Anchor Enterprises II, Port Washington State Bank and Simplicity Foundation Fund.

Participation in this event supports Portal, inc, a 501(c)(3) nonprofit organization providing quality services to adults and students transitioning from high school with intellectual and developmental disabilities. Proceeds from the Fish Day Run/Walk/Roll support our 58-year mission of providing services focused on employment, adult life skills learning and social recreation.



OZAUKEE COUNTY

NEWS GRAPHIC

A Trusted News Source Since 1883

\$2

Thursday, June 22, 2023

gmtoday.com

OZAUKEE COUNTY

Tourism jumps 9.9% over last year

OZAUKEE COUNTY — The Wisconsin Department of Tourism released 2022 economic impact data, showing the tourism industry generated a record-breaking \$23.7 billion in total economic impact, a 13% change over 2021.

The highest-ever overnight visitation and increased direct visitor spending helped fuel the growth — and Ozaukee County played a significant role by contributing \$230 million in total economic impact.

Ozaukee County enjoyed a 9.9% annual growth over 2021, with its economic impact contribution jump-

ing from \$209 million in 2021 to \$230 million in 2022, according to Department of Tourism data.

Perhaps even more significant, economic impact due to tourism topped the previous record year by 4.9%, increasing from \$219 million in 2019. Ozaukee County also enjoyed growth of 11.4% of direct visitor spending over 2021.

Numbers indicate that state tourism is delivering more overnight visits than ever before, which contributes significantly to visitor spending and economic impact. Last year, Wisconsin hosted a record 45.4 million

overnight visits, up from 39.9 million in 2021 and 42.8 million in 2019. The 2022 total economic impact number of \$23.7 billion surpassed the previous statewide record of \$22.2 billion, set in 2019, by 6.4%.

Tourism related employment numbers are also up. In 2022 Ozaukee County tourism supported 1,962 part-time and full-time jobs across various sectors of the industry, contributing 7.6% growth in total labor income over 2021. Ozaukee County tourism also generated \$12.9 million in local tax revenue.

See **TOURISM**, PAGE 8A



News Graphic file photo

Anglers enjoy a perfect spot for fishing, just below the dam in Thiensville Village Park.

Tourism

From Page 1A

Statewide, tourism generated \$1.5 billion in state and local tax revenue.

Without this revenue, each Wisconsin household would pay an additional \$620 to maintain the current level of government services.

"We may be the smallest county in the state of Wisconsin, but the tourism opportunities that we offer the public both regionally and nationally are substantial," said County Administrator Jason Dzwinel. "Ozaukee County's location on the shores of Lake Michigan, our incredible county parks, including the Lion's Den Gorge Nature Preserve, and our numerous historic communities allow visitors to wander and connect with the unique stories and experiences we offer. Local events, shopping, dining, and entertainment allow visitors to take part in the exceptionality of the culture and community. Our well-maintained 30-mile Ozaukee Interurban Trail allows families and serious bikers to travel from north to south and enjoy every aspect of the wonderful world of Ozaukee County."

In 2022, Wisconsin hosted 111.1 million visits, which

"We may be the smallest county in the state of Wisconsin, but the tourism opportunities that we offer the public both regionally and nationally are substantial."

— Jason Dzwinel
Ozaukee County Administrator

was up 8.8 million, or 8.7%, over 2021.

This, and the 13.8% increase of overnight visits, contributed significantly to the state's economic impact growth. On average, overnight visitors spend nearly three times as much as day trip visitors.

To learn more about Wisconsin tourism's record-breaking year, view the 2022 economic impact data, including a county-by-county breakdown, at industry.travelwisconsin.com/research.

"Tourism is both big fun and big business. I'm so grateful for the innovation and dedication of the folks who make up Wisconsin's tourism industry. Each one of them played a role in setting this record," said Wisconsin Department of Tourism Secretary Anne Sayers. "Aided by strategic-marketing, Wisconsin convinced more visitors to stay

longer so they could add more activities to their itinerary, delivering a deeper economic impact. I congratulate the entire industry on an incredible record-breaking year."

Ozaukee County Tourism Council is an organization dedicated to the promotion of local tourism in the Ozaukee County communities of Mequon, Thiensville, Cedarburg, Grafton, Port Washington, Saukville, Newburg, Waubesa, Belgium and Fredonia.

The Council works closely with stakeholders and representatives from these communities, promoting favorite attractions such as the Ozaukee Interurban Trail and the Lake Michigan lakefront, including the new Wisconsin Shipwreck Coast National Marine Sanctuary, popular annual festivals, beautiful hiking and camping spots such as Grafton's Lion's Den Gorge Nature Preserve County Park and Belgium's Harrington Beach State Park, quaint walkable downtowns and so much more.

For more information visit www.ozaukeetourism.com; www.interurbantrail.com; pick up a copy of the Ozaukee County Tourism guide available at area chambers and visitor centers; or follow the Ozaukee County Tourism Facebook page.

Thursday, June 22, 2023

Council OKs downtown plan despite calls to seek more input

■ Aldermen approve sweeping

proposal after residents raise concerns about roundabout, harbor changes, process

By KRISTYN HALBIG ZIEHM
Ozaukee Press staff

A sweeping master plan for downtown Port Washington that includes proposals for everything from major changes at the marina to a downtown roundabout prompted a number of residents to ask aldermen to postpone adoption of the plan.

"What is the hurry to have a vote to proceed with this?" one man asked.

Instead of a vote by aldermen, he asked if the city could or would hold an advisory referendum on the plan to see "how many people are really in favor of this."

Geri Zehren, 124 Eva St., asked that the city hold another informational meeting or public hearing, saying, "I think the city still needs to hear more."

Jim Searles, 712 W. Grand Ave., told officials it would be better to hold off acting on the plan, citing the controversy over the marina that split the city.

"Stop and think about the damage it did to relations. This could be another of these situations," he said, adding that most of those attending Tuesday's meeting were older residents.

"The younger people who are going to be paying taxes on this 30 years from now aren't here," he said.

But the council moved forward with the plan, voting unanimously to adopt the master plan.

Mayor Ted Neitzke told residents that while the plan outlines many sweeping concepts and proposals, none of them are set in stone.

"This plan is an exercise in ideas," he said. See **Plan** on page 2B

Plan: Downtown proposal called a 'visionary tool'

FROM PAGE 1B

said, noting the concepts are not in the city's strategic plan or on the verge of becoming reality.

"This is a visionary tool to guide people," he said. "None of those are realities."

They will, however, give developers an idea of what the city is willing to consider when they outline plans for the community."

Ald. Dan Benning noted that many of the ideas in the plan originated with residents and were refined by the city's consultants.

"That's where we got most of the ideas," he said.

But a number of residents at the meeting questioned whether these ideas were good for the city.

Craig Heatwole, 525 Holden St., said he was "patently against this."

"I believe it will destroy Port Washington ... ruin our heritage and uniqueness," he said, adding he is also concerned about the associated costs of the projects included in the plan.

Several people expressed concern about a roundabout suggested for the intersection of Wisconsin Street and Grand Avenue and proposals to expand the marina, locating some facilities at Coal Dock Park.

Zehren said a roundabout will impede the scenic views that attract people to downtown, adding that there have been few traffic incidents to justify the traffic circle.

Kendel Feilen, 648 Evergreen Ter., also asked why a roundabout is needed, asking if traffic studies had been conducted to prove it is desirable.

He questioned if the city planned to use tax incremental financing to fund the projects in the plan and what the city will do about parking in downtown.

Bob Harris, the city's director of planning and development, told the residents that master plans are "a series of recommendations, not requirements" and they are often amended and changed through the years.

"We don't expect all the plan recommendations to be implemented," he said.

Harris cited the plan's proposal for the marina — which includes extending the breakwater to allow more slips to be built and creating a launch ramp at Coal Dock Park as well as construction of a pedestrian bridge linking Coal Dock and Rotary parks — saying, "If the price of admission is too high for the community, that's fine. It's a concept plan, a big idea to consider."

"In the end, you need a plan to know what you're going to take a closer look at," Harris added.

If any of the plan's proposals are to be implemented, Neitzke added, there would be a full public process.

"It would not be done overnight," he said. "It would be done in the light."

Ald. Mike Gasper noted that if a com-

munity doesn't plan, it doesn't grow, and if it doesn't change, it won't be effective.

"When we're looking at a plan like this, we're looking at 'what if,'" he said.

The plan focuses on five key areas — the marina and waterfront, Coal Dock Park, parking and circulation, the residential-commercial mix and downtown districts and placemaking, which Harris said includes finding ways to spread the vibrancy of Franklin Street to surrounding areas.

Throughout the process, officials have stressed that the downtown plan is intended to guide the city's future development but isn't a strict set of rules.

Some of the ideas are intended as long-term aspirational projects, Harris said, such as the harbor plans.

Others could be more immediate, such as creating a bike path on Wisconsin Street that would connect to the Interurban Trail and improve safety for bicyclists and redesigning East Main Street west of Franklin Street as a place for events.

Encouraging development and traffic on Grand Avenue is another goal that could be a short-term idea, officials have said.

The plan includes proposals for downtown land that could be developed, including housing on private property as well as some parcels owned by the city, such as the land currently occupied by fire stations.

Attachment: Ozaukee County Press 6.22.23, Council OKs downtown plan despite calls to seek more input

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Cedarburg Art Museum

June 30 at 7:00 AM · 🌐

"Shared Paths Through Ozaukee County"

A Watercolor Painting Exhibition Interpreted By An Artist And A Naturalist

July 20 to September 24, 2023

Opening Reception: Sat., July 22, 2 – 4 PM, Artist Talk at 2:30 PM

Watercolor scenes of Ozaukee County by [Alice Struck](#) are to be exhibited in Shared Paths through Ozaukee County. Each painting will be accompanied by a storyboard focusing on a natural treasure written by naturalist Andrew Struck who is Ozaukee County's Park and Planning Director and Alice's son. Together, the insights of an artist and scientist reveal appreciation and stewardship of the natural world around us.



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July 20 to September 24, 2023



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Flora and fauna of Lion's Den

Photo by Cindy Harmeyer

Beautiful birds and blossoms decorated Lion's Den Gorge on the day Cindy Harmeyer visited the nature preserve and photographed this chestnut-sided warbler. Lion's Den, the 73-acre preserve on the shore of Lake Michigan in the Town of Grafton, is one of the natural areas in Ozaukee County that Cindy, who lives in Saukville, frequents in search of subjects for her outstanding wildlife photography.



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Thursday, July 13, 2023

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CAM features new exhibit, 'Shared Paths Through Ozaukee County'

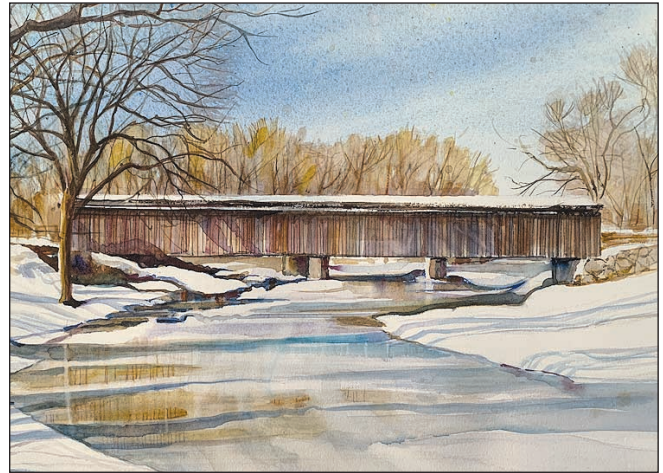
Watercolors by Alice Struck to be featured

CEDARBURG — Watercolor scenes of Ozaukee County by Alice Struck are to be exhibited in Shared Paths through Ozaukee County: A Watercolor Painting Exhibition Interpreted by an Artist and a Naturalist at the Cedarburg Art Museum starting July 20.

Each painting in the exhibition will be accompanied by a storyboard focusing on a natural treasure written by naturalist Andrew Struck, who is Ozaukee County's director of Planning and Parks and Alice's son.

Shared Paths Through Ozaukee County will be on view July 20 through Sept. 24. The public is invited to come to the opening reception from 2 p.m. to 4 p.m. July 22. Alice Struck will speak at 2:30 p.m.

She will also be giving a plein air demonstration from noon to 1 p.m. July 22.



Photos courtesy of the Cedarburg Art Museum

Among the pieces on display in the Shared Paths Through Ozaukee County are Alice Struck's watercolor paintings "Tendick Park Prairie," **left**, and "Covered Bridge," **right**.

The demonstration is \$5 for non-members, and free to members. This exhibition is supported by the National Endowment for the Arts

and Wisconsin Arts Board.

The Cedarburg Art Museum welcomes visitors from 10 a.m. to 4 p.m. Thursday to Saturday and noon to 4 p.m.

Sunday. Visit cedarburgartmuseum.org for more information and to sign up for Alice Struck's demonstration.