



AGENDA
NATURAL RESOURCES COMMITTEE
REGULAR MEETING
THURSDAY, NOVEMBER 3, 2022 – 9:00 AM
ADMINISTRATION CENTER - AUDITORIUM
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

Roll Call

2. PROPER NOTICE

3. PUBLIC COMMENTS, CORRESPONDENCE, COMMUNICATIONS

4. APPROVAL OF MINUTES

- a. October 4, 2022

5. UNIVERSITY EXTENSION OFFICE

a. Discussion Items:

- 1. Introduction of Associate Area Extension Director, Amy Mangan Fischer

b. Management/Financial/Informational Reports

- 1. UW-Madison Division of Extension Reports

6. REGISTER OF DEEDS/LAND INFORMATION

a. Management/Financial/Informational Reports

- 1. Register of Deeds Reports

7. LAND AND WATER MANAGEMENT DEPARTMENT

a. Action Items:

- 1. Utilization of Tree Fund Account to Support Farmer Attendance at the 30th National No-Tillage Conference January 10-13, 2023 St. Louis, Indiana*

b. Management/Financial/Informational Reports

- 1. Land & Water Management Reports

8. PLANNING AND PARKS DEPARTMENT

a. Action Items:

- 1. Increase of Revenue Budget Amendment for a Wisconsin Department of Natural Resources County Conservation Aids Grant for Prairie Restoration Activities in Hawthorne Hills County Park
- 2. Submittal and Acceptance of a US Forest Service Great Lakes Restoration Initiative Forest Restoration Grant for Native Tree Planting in the Ozaukee County Coastal Parks Project Area (Phase II)
- 3. Submittal and Acceptance of a National Oceanic Atmospheric Administration Grant for Automated Fish Identification and Counting at the Milwaukee River Mequon Thiensville Dam Fishway

4. Submittal and Acceptance of a Wisconsin Coastal Management Program Grant for Public Access Improvements and Wetland Restoration at Clay Bluffs Cedar Gorge Nature Preserve
5. Bid and Contract for the Hawthorne Hills Golf Course Clubhouse Roof Replacement
6. Bid and Contract for the Hawthorne Hills County Park Water Well for Multipurpose Parks Maintenance Building
7. Contract for Professional Services for a Feasibility Analysis for Design and Engineering Services for Fish and Wildlife Aquatic Habitat Enhancements on the Little Menomonee River Corridor

b. Discussion Items:

1. Update on HH Peters Youth Camp Building ADA Remodel and Hawthorne Hills County Park Multipurpose Maintenance Building Construction
2. Update on Planning and Parks Department Capital Projects and Ecological Division Grant Projects
3. Update on Community Forest Plan for Clay Bluffs Cedar Gorge Nature Preserve County Park

c. Management/Financial/Informational Reports

1. Planning & Parks Department Reports

9. NEXT MEETING DATE

December 8, 2022

10. 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:	November 3, 2022
DEPARTMENT:	County Clerk
DIRECTOR:	Julie Winkelhorst
PREPARER:	Julie Winkelhorst

Agenda Summary October 4, 2022

[<https://www.co.ozaukee.wi.us/AgendaCenter/ViewFile/Minutes/ 10042022-3148>](https://www.co.ozaukee.wi.us/AgendaCenter/ViewFile/Minutes/10042022-3148)



October 2022 Report

4-H Youth Development

Jayna Hintz, 4-H Program Educator



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

4-H Program Highlights

- A county-wide training for youth and adult community club leadership teams where they participated in team building, created a definition of leadership, determined characteristics of a leader, and the roles of each team member. The goal of the training was to improve leadership skills and provide tools and resources to guide each leadership team.
- A training for adults who are interested in becoming 4-H volunteers, where adults learned what Extension is, how volunteers contribute to Extension programs, volunteer roles and responsibilities, what makes a quality youth development program, and what resources are available to 4-H volunteers. This effort is intended to prepare all future 4-H volunteers.
- Developing communications in support of the Volunteers Systems Committee new Building Safe Spaces training that share the who needs to take the training, when and how the training should be taken and why a new training is being offered. This effort is designed to clearly communicate Building Safe Spaces training information to volunteers and staff.
- Development of a SMART goal grant application and grantee rubric for volunteers and staff that will be awarded funds received from the WI 4-H Foundation. This effort helps clubs celebrate meeting their chartered, youth-driven SMART goals for the 2021-2022 4-H Year.



October 2022 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 and Soils:** Mike Ballweg, Area Crops and Soils Agent
 - A series of recent webinars (Badger Crop Connect) for farmers, agronomists and agriculture professionals, where they learned about: Tips on Making Great Corn Silage, Building Soil Health with Cover Crops, Hybrid Rye Forage Yields and Quality and lastly, Alfalfa Fall Management. The webinar series provides information and research findings allowing farmers and industry professionals to implement new practices that improve soil health, protect our natural resources and well as improve the profitability of farms across the state.
- **Dairy:** Tina Kohlman, Dairy Agent
 - A popular press article written for Wisconsin State Farmer readers, where they learned how to prepare for transporting pre-weaned calves long distances. This effort is designed to show industry and university research-based best management practices to maintain and/or improve the growth, wellbeing, and welfare of a pre-weaned calf while being transported to an off-farm rearing facility.
 - Planning for a bilingual dairy workers newsletter for on-farm dairy employees in collaboration with Language Access and Office of Access, Inclusion, and Compliance. The goal of this effort is providing a dairy resource to an underserved audience in order for them to gain new knowledge and best management practices to incorporate on the farm to help maintain and grow economic viability.
 - Planning for bi-annual Midwest Manure Summit for farmers, managers, agronomists, engineers, nutrient management consultants, manure haulers, consultants, and other agri-business professionals. The goal of this effort is to teach individuals the latest, unbiased, university-based research on manure handling technologies, so that they can improve environmental sustainability and increase farm business viability.



Extension

UNIVERSITY OF WISCONSIN-MADISON
OZAUKEE COUNTY

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October 2022 Report

What's Next/Upcoming Events

- **November 4-6, 2022**
 - [WI 4-H Fall Forum](#), Wisconsin Rapids
- **November 8, 22, 2022**
 - [4-H Harbinger Newsletter](#) published
- **November 9, 2022**
 - [4-H Adult VIP Training](#), 6:30 pm., Virtual Session
- **November 12, 2022**
 - [4-H Project Day: Art Theme](#), 9:30 am., Ozaukee County Admin Building, Port Washington
- **November 17, 2022**
 - 4-H Leaders Association Board Meeting, 6:00 pm., Ozaukee County Admin Building, Port Washington
 - 4-H Leaders Association Meeting, 7:30 pm., Ozaukee County Admin Building, Port Washington
- **November 24-25, 2022**
 - Thanksgiving Holiday: office closed
- **November 29, 2022**
 - [4-H Adult VIP Training](#), 6:30 pm., Virtual Session
- **November 30, 2022**
 - 4-H New Family/Member Orientation, 6:00 pm., Ozaukee County Admin Building, Port Washington

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

UW-Madison Division of
Extension Ozaukee County
Office

121 W. Main St.
Port Washington, WI
53074

P: 262-284-8288
F: 262-284-8100
711 Wisconsin Relay

ozaukee.extension.wisc.edu/



Cindy Sarkady
Area Extension Director



Jayna Hintz
4-H Program Educator



Michael Ballweg
Regional Crops & Soils Educator



Tina Kohlman
Regional Dairy Educator



Extension

UNIVERSITY OF WISCONSIN-MADISON
OZAUKEE COUNTY

Mike Ballweg
Crops & Soils
Agent

Tina Kohlman
Dairy Agent

Attachment: October 2022 Report (UW-Madison Division of Extension Ozaukee County Written & Financial Reports)

Ozaukee County Committee Report

General Fund University of Wisconsin Extension

For the Nine Months Ending Friday, September 30, 2022

Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2022 YTD Actual	2022 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	-	\$3,890	\$3,890	0.00%
Public Charges for Services	-	\$7,180	\$7,980	\$800	89.97%
Total Revenues	-	\$7,180	\$11,870	\$4,690	60.49%
Expenditures					
Salaries	\$7,209	\$44,289	\$67,293	\$23,004	65.82%
Fringe Benefits	\$858	\$5,332	\$9,522	\$4,190	56.00%
Travel/Training	\$159	\$3,574	\$14,788	\$11,214	24.17%
Supplies	\$134	\$5,075	\$17,940	\$12,865	28.29%
Purchased Services	\$77	\$52,333	\$117,499	\$65,166	44.54%
Interdepartment Charges	\$1,689	\$14,857	\$22,260	\$7,403	66.74%
Other Expenses	-	\$249	\$743	\$494	33.51%
Total Operating Expenditures	\$10,126	\$125,709	\$250,045	\$124,336	50.27%
Capital Outlay					
Total Expenditures	\$10,126	\$125,709	\$250,045	\$124,336	50.27%
Net Increase (Decrease)	(\$10,126)	(\$118,529)	(\$238,175)	(\$119,646)	49.77%

Equity:



Register of Deeds Land Information

November 2022 Department Report

Register of Deeds Office: We recorded 1039 documents in September, compared to 1718 the year before. We have recorded 11,018 documents so far this year compared to 17,000 for the time period last year. 69.98% of the documents this month were recorded as a digital record. We made a profit of \$42,231 last month and for the first eight months a profit of \$549,128 or 101.18% of the budget.

Land Information Office: This office made a profit of \$1,533 for this month and \$92,797 for the year. See attached report for more detail.

GIS Update

Ozaukee County Land Information Office – Oct. 2022

The Land Information Office continues to provide accurate and up-to-date geospatial data and land records for Ozaukee County.

WLIA Fall Regional Meeting

The Wisconsin Land Information Association is holding a joint meeting with the Wisconsin Register of Deeds Association. This conference will be held at the Blue Harbor Resort in Sheboygan October 26-28.

The conference is a great time to collaborate with other members from throughout the state and see what is happening. The focus is on education, maintaining a network of state-wide land information systems, land records modernization, GIS and related technologies, along with government policies and programs.

Some topics include: georeferencing historical aerial photography, coordination between departments, restrictive covenants, estate planning, data sharing, phased approach to NG911 data cleanup, WISE-Decade BAS collection future changes, Wisconsin Sea Grant Geospatial projects, and various committee reports.

The conference also makes it a convenient time for the Wisconsin Land Information Officers Network (LION) to meet. As part of the Wisconsin Land Information Program (WLIP), there is an LIO that represents every county in Wisconsin. They are responsible in coordinating land information projects, preparing their county's Land Information Plan every three years, and WLIP project grants.



The Land Information office is always available to assist municipalities, other county departments and the public with maps, special applications and datasets as requested.

If you have any questions, please feel free to contact our office at 262-284-8167.

Ozaukee County Committee Report

General Fund Register of Deeds

For the Nine Months Ending Friday, September 30, 2022

Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2022 YTD Actual	2022 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Public Charges for Services	\$82,958	\$850,471	\$970,000	\$119,529	87.68%
Total Revenues	\$82,958	\$850,471	\$970,000	\$119,529	87.68%
Expenditures					
Salaries	\$25,363	\$159,085	\$205,004	\$45,919	77.60%
Fringe Benefits	\$8,793	\$70,105	\$77,430	\$7,325	90.54%
Travel/Training	\$190	\$2,084	\$2,400	\$316	86.83%
Supplies	\$12	\$769	\$1,125	\$356	68.36%
Purchased Services	\$3,786	\$43,013	\$103,200	\$60,187	41.68%
Interdepartment Charges	\$2,583	\$26,287	\$38,092	\$11,805	69.01%
Total Operating Expenditures	\$40,727	\$301,343	\$427,251	\$125,908	70.53%
Capital Outlay					
Total Expenditures	\$40,727	\$301,343	\$427,251	\$125,908	70.53%
Net Increase (Decrease)	\$42,231	\$549,128	\$542,749	(\$6,379)	101.18%

Equity:

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

Ozaukee County Committee Report

Special Revenue Fund Land Information

For the Nine Months Ending Friday, September 30, 2022

Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2022 YTD Actual	2022 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Taxes	\$2,394	\$21,542	\$28,722	\$7,180	75.00%
Intergovernmental Revenues	-	\$1,000	\$52,200	\$51,200	1.92%
Public Charges for Services	\$8,264	\$173,788	\$140,000	(\$33,788)	124.13%
Total Revenues	\$10,658	\$196,330	\$220,922	\$24,592	88.87%
Expenditures					
Salaries	\$6,610	\$43,367	\$120,225	\$76,858	36.07%
Fringe Benefits	\$1,819	\$16,577	\$45,828	\$29,251	36.17%
Travel/Training	\$237	\$1,011	\$9,000	\$7,989	11.23%
Supplies	-	\$11,000	\$15,400	\$4,400	71.43%
Purchased Services	\$40	\$27,534	\$25,000	(\$2,534)	110.14%
Interdepartment Charges	\$419	\$3,507	\$4,931	\$1,424	71.12%
Other Expenses	-	\$537	\$537	-	100.00%
Total Operating Expenditures	\$9,125	\$103,533	\$220,921	\$117,388	46.86%
Capital Outlay					
Total Expenditures	\$9,125	\$103,533	\$220,921	\$117,388	46.86%
					9279700
Net Increase (Decrease)	\$1,533	\$92,797	\$1	(\$92,796)	.00%
<i>Equity:</i>					
Governmental Fund Balance	-	\$75,223	-	(\$75,223)	0.00%

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: November 3, 2022
DEPARTMENT: Land and Water Management
DIRECTOR: Geoff Schramm
PREPARER: Geoff Schramm

Agenda Summary Utilization of Tree Fund Account to Support Farmer Attendance at the 30th National No-Tillage Conference January 10-13, 2023 St. Louis, Indiana*

BACKGROUND INFORMATION: Request is for approval to utilize tree account funds to fund attendance of 6 farmers to attend the National No-tillage conference January 10- 13 in St. Louis, MO. by covering cost of registration, travel, lodging and meals. The 31st annual National No-Tillage Conference offers 34 classes and 45 farmer to farmer round table discussions. pdf. This conference will provide farmers an excellent opportunity to network and learn from the most innovative forward thinking farmers, who practice No-till, cover crops and other soil health principles successfully on their own farm. Funds will be targets to the farmers within the Milwaukee River Watershed Clean Farm Families and USDA Demonstration Farm Network.

ANALYSIS: To date the county tree account balance is \$108337.00. Information and education is one of the intended uses of the fund.

Estimated cost per farmer participant:

Registration \$419.00

Lodging \$375 (\$125/night*, 3 nights)

Travel \$250 (794 miles, \$.625/mile X .5 carpooling)

Per Diem \$200 (\$50/day, meals)

Total Cost = \$1244/farmer

Total Cost for 6 farmers assuming \$1244 X 6 = \$7464.00

*single hotel rooms

FISCAL IMPACT: \$7464.00 **FUNDING SOURCE:** Non-County Levy: \$7464.00

RECOMMENDED MOTION: Approval to utilize \$7464.00 of tree account funds to support 6 farmers to attend the National No-Tillage Conference January 10 - 13 2023.

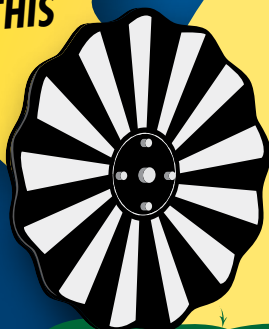
ATTACHMENTS:

- 2023-National-No-Tillage-Conference-Program (PDF)

Start 2023 with \$69,934 in new no-till ideas.

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94.6%
RECOMMEND
YOU ATTEND THIS
EVENT!



31st Annual NATIONAL NO-TILLAGE CONFERENCE

January 10-13, 2023 • St. Louis, Mo.

*"When I
invest in
education
for my
people, this
conference is
first on the list
every year ...*

*— Joe Nester,
Bryan, Ohio
No-Till Innovator alu*



**Pre-Conference Workshop with
Randy Dowdy & David Hula**



**45 Idea-Swapping Farmer-to-Farmer
Roundtable Discussions**



Exploring No-Till's Next Frontier

Legendary Hyatt Regency St. Louis Arch Hotel, downtown St. Louis

The 31st Annual National No-Tillage Conference returns to St. Louis on Jan. 10-13, 2023. Don't miss this unmatched, fast-paced learning from leading no-till farmers, agronomists, researchers & other experts ... sharing best practices, tips & advice to help you maximize your no-till system.

Register Online Today at www.NoTillConference.com

Packet Pg. 15

Get the Best Tips, Ideas & Techniques From No-Till Experts & Your Fellow Farmers

The 31st annual National No-Tillage Conference offers nearly 100 cutting-edge, money-making sessions over 4 days, delivering insightful learning and unrivaled networking with the best of the no-till community.

Impactful Learning! Valuable Networking! See you January 10 to 13 in St. Louis

COMPLETE COVERAGE

Offering an outstanding lineup of more than 40 no-till farmers and educators from around the globe...

- ✓ The most comprehensive agenda of no-till topics in the ag industry
- ✓ Time-tested techniques to expand your no-till cropping income
- ✓ New strategies to protect your income throughout 2023
- ✓ Fully guaranteed to offer a plethora of no-tilling ideas and strategies
- ✓ A chance to learn from the leading no-tillers across the country
- ✓ The only "must-attend" national event for growers serious about improving their no-till management system

COMPLETE FOCUS

Featuring in-depth coverage of everything from equipment modifications to no-till fertility to soil-building strategies...

- ✓ Improving soil biology
- ✓ N, P & K fertility strategies
- ✓ Cover-cropping systems
- ✓ Better sprayer performance
- ✓ Precision technology payoffs
- ✓ Water-management strategies
- ✓ Strip-till opportunities
- ✓ No-till weed control
- ✓ Upgrading no-till rotations
- ✓ Top no-till planter setup tips
- ✓ Soil testing techniques
- ✓ Managing tough, abundant residue

COMPLETE IMMERSION

An extremely valuable 30-year-old "think tank" for success-minded no-tillers, planned by no-tillers like you, seeking the best income-expanding strategies available today...

- ✓ 3 Pre-Conference Workshops
- ✓ 14 No-Till General Sessions
- ✓ 23 No-Till Classrooms
- ✓ 45 No-Till Roundtables
- ✓ Special reception, meal & networking events for more no-till learning
- ✓ Numerous education credits for both pesticide recertification and certified crop advisors
- ✓ 100 hours of nonstop learning options
- ✓ \$520 in bonuses ... **AND MORE!**

TUESDAY, JANUARY 10 (Registration Opens at 11 a.m.)

Pick up your badge and your FREE conference materials (valued at \$520, see p. 10) throughout the day.

Can't Wait to Get Started?

3 Choices For Early Arrivers...

Three special workshops are exclusively available to pre-registered conference attendees. Workshops #1 and #2 require advance registrations due to limited seating.

Noon-2 p.m. PRE-CONFERENCE WORKSHOP #1: How to Trim Fertilizer Costs Without Reducing Yields — \$129 while seats remain



Russell Hedrick (below) and Lance Gunderson (top right) dive into new testing methods to determine crop nutrient needs, map soil biological activity and understand what nutrient credits can be taken to reduce cost and increase ROI.

Hedrick is the operator of JRH Grain Farms in the foothills of Hickory, N.C. He's known

as one of the most progressive young farmers in the country and was the first farmer using regenerative practices to win the North Carolina Corn Yield Contest.

Gunderson founded Regen Ag Lab in 2019 after spending 17 years as Director of Soil Health & New Test Development at another lab. His reviews of more than 100,000 soil health samples provide a unique insight into how soil health results relate to management in regenerative ag systems.



2:30-5:30 p.m. PRE-CONFERENCE WORKSHOP #2: Raising Every No-Till Acre, a special program by Yield Champions David Hula & Randy Dowdy — \$129 while seats remain

Corn and soybean growers David Hula (right) and Randy Dowdy (p. 3) are two of the highest-yielding farmers on the planet. In this informal small-group "workshop," no-tillers will get answers to their questions on the latest developments these expert growers see in land preparation, soil fertility, equipment, seed and agronomics.



Speakers and schedules are subject to change. Check the website and app for updated schedule.

With a shared passion for teaching and on-farm research, the two farmers also lead Total Acre, a 3-year community that includes 8 days per year of training, in-the-field learning sessions, expert advice/recommendations, real-time data sharing and end-of-the-year results and analyses.

Knowing the right questions to ask is half the battle they say, and attendees will gain an insight into questions like these: What nutrient levels do I need to maintain in the soil and the plant to achieve the yield goals I covet? Which of the products I'm applying are moving the needle? Are the things I'm spending money on paying off in ROI? How do I identify the limiting factors in my fields?

Hula (a *No-Till Farmer* Legend) is a 3rd generation farmer in Charles City, Va., where he farms 4,000-plus acres with his two brothers and son, Craig. Following in the record-setting footsteps of his grandfather (100 bushels) and dad (200 bushels), his corn yields have surpassed the 400-, 500- and 600-bushel mark. In 2021, he reached 602.17 bu./acre in the National Corn Growers Assn. Yield Contest.

Dowdy is a first-generation corn, soybean, wheat and peanut grower from Brooks County, Ga. His philosophy is to maximize yields by minimizing the stress plants experience throughout the growing season. He has set world records in soybean yields and also for achieving 500-bushel corn and 100-bushel soybeans in the same year.

2:45-6:15 p.m. PRE-CONFERENCE WORKSHOP #3: No-Till Tech Talks: Innovative Product Solution Session

Gain valuable no-till product and application knowledge from the **No-Till Tech Talks**. These rapid-fire presentations — from industry-leading suppliers — examine a different no-till solution and/or how-to tip, and you'll benefit from the questions asked by your fellow attendees via the Q&A time. This special session is moderated by No-Till Innovator alum and *No-Till Farmer* Legend **Randall Reeder**, retired ag engineer at Ohio State University and leader of the Ohio Conservation Tillage Conference.

6:30-9 p.m. Welcome Reception

Get ready to see new and old friends at this special event. A light dinner and drinks — plus engaging discussion with suppliers and your fellow farmers — makes the annual welcome event the perfect place to find like-minded no-tillers to share ideas and solutions over the next 2.5 days.



WEDNESDAY, JANUARY 11

6:30 a.m.-6 p.m. Registration

Pick up your badge and your FREE conference materials (valued at \$520, see p. 10).

8:15-8:30 a.m. 31st Annual National No-Tillage Conference Kickoff

Gather in the main general session room as *No-Till Farmer* sets the stage for the next 2.5 days of intensive no-till learning.

8:30-9:15 a.m. Beating Glyphosate-Resistant Weeds By Planting Green*

For independent research agronomist **Jim Stute**, the appearance of glyphosate-resistant giant ragweed, waterhemp and marestail on his East Troy, Wis., farm was alarming, but it was also an opportunity to test the ability of cover crops to suppress them. In this fascinating opening session, Stute explains the promising results of his most recent soybean trials and answers your questions about implementing his planting green methods onto your own farm.

You Will Learn: how planting green fits into an overall resistance management system and how rye termination timing impacts weed suppression, soybean development and yield.



Photo Credit: Kellie Jo Coates (Kesterson), Brian Marketing

"If we could absorb and apply all the information picked up at the National No-Tillage Conference, we would all be millionaires in a short time. I just want to retain and apply 10% each year..."

— Donald Ballagh, North Rose, N.Y.

Register today at www.NoTillConference.com or call (866) 839-8455!

Co-Sponsored by **M 7.a.1.a**
and These Leading No-Till Suppliers:



Attachment: 2023-National-No-Tillage-Conference-Program (No-Tillage Conference)

"Honest, sincere, passionate presentations. The emotion and passion of the presenters is incredible!"

— Daniel Call, London, Ohio

9:15-10 a.m. INTERNATIONAL PERSPECTIVE: Think We've Got Drought? Best Tips from Australian No-Tillers

South Australia has a Mediterranean climate with hot and dry summers, yet forward-thinking no-tillers have been making the practice succeed down under on their own accord since the 1960s — and without subsidies. **Greg Butler**, the long-time R&D manager for the South Australian No-Till Farmers Association, explains the keys that enable 85% of farmers in the region to no-till in dryland conditions. North American no-tillers who battled drought in 2022 are sure to pick up some valuable tips from their Aussie counterparts in this special international session.

You Will Learn: how to successfully no-till in drought conditions.



10-10:30 a.m. Sponsor/Networking Break

10:30-11:30 a.m. 6 Profit-Boosting Tips for High-Yielding Corn

Corn and soybean yield champions **David Hula** and **Randy Dowdy** share the results of their 2022 cropping programs — what worked, what didn't and what the two envelope-pushing growers are attempting next. Throughout this session, which includes live Q&A from the audience, you'll also learn why the pair is bullish on strip-tillage. See p. 2-3 for more information on the presenters.

You Will Learn: what cropping programs work for world-record yielders (and why) and which yield-boosting strategies you can practically implement on your farm.



11:45 a.m.-1:15 p.m. No-Till Industry Luncheon, Sponsored by Helm

Network and discuss the day's presentations and hot no-till topics with fellow no-tillers while enjoying a plated lunch.



1:30-2:20 p.m. The Yield Impact of Destratification, the Sequel

Independent researcher **Marion Calmer** (No-Till Innovator alum and a *No-Till Farmer* Legend) revisits the much-referenced vertical nutrient stratification presentation he introduced at the 2022 event in Louisville. His 2023 update from his own fertility plots examines how no-tillers can minimize nutrient stratification while maximizing yield potential. The Alpha, Ill., farmer also includes data from his 2022 nationwide stratification study of farmers across the U.S. He is a 4-time recipient of the conference's Best Speaker award. Miss his initial talk? You can watch



NEW!



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Part 1 at www.no-tillfarmer.com/calmer22.

You Will Learn: why vertical stratification is more devastating than horizontal variability and how to solve this yield-robbing problem.

2:25-3:15 p.m. Ahead of the Curve: Cutting-Edge No-Till Technology Review

Get a glimpse into the future of no-till and farm technology in this all-new addition spotlighting cutting-edge no-till equipment innovations.

• **AquaTill** — **Greg Butler** has developed a competitive advantage by deploying a number of new agriculture technologies over the last 30 years, including inventing and developing a no-till planting system using high-pressure water jets.

• **Salin 247** — **David Krog** is the CEO and co-founder of Iowa-based Salin 247 and its lightweight and autonomous no-till planter. The company offers its 4-row no-till planter via a farming-as-a-service model with more applications and trials coming in 2023.

• **Weed Seed Destroyer** — **Jon Jackson** is the founder of Global Neighbor, a developer of a new technology that uses directed energy (light) instead of chemicals to control herbicide-resistant weeds like waterhemp and palmer amaranth from the back of the combine.

You Will Learn: how the no-till equipment of the future is in the works today to help advance no-tillers' ability to do more with less.



3:15-3:45 p.m. Sponsor/Networking Break

3:45-4:35 p.m. Choose from 6 High Powered No-Till Classrooms

Select 1 of 6 outstanding no-till classrooms to absorb more specialized learning. Bring others from your operation to "divide and conquer" as you broaden your knowledge — and contacts — from these no-till experts.

No-Till Classroom #1

Making Sense of Soil Health Reports for No-Till*

Many growers value the importance of soil health but often lack the on-farm knowledge to act upon those results to improve soil conditions. **Vinayak Shedekar**, Ohio State University, explains an extensive project with 4 different farms and his team's conclusions for reliable indicators of soil health, interpretation tips and recommended actions. The research was done in cooperation with No-Till Innovator alums Jim Hoorman and Dave Brandt (also a *No-Till Farmer* Legend). Shedekar serves on the Board of the Ohio No-Till Council.



Attachment: 2023-National-No-Tillage-Conference-Program (No-Tillage Conference)

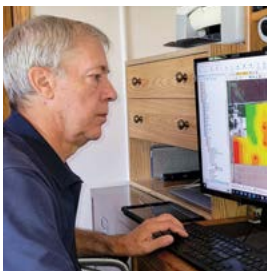
You Will Learn: how key soil health and agronomic factors impact yields and water quality, and how to interpret soil health testing to implement actions.

No-Till Classroom #2

How to Use Precision Technology to Make Data-Informed Decisions

Keith Wendte manages data and analysis for his family's 7,000-acre Illinois operation from an office more than 200 miles away. After an impressive 37-year career as an engineer for International Harvester and CNH, Wendte returns to the conference this time as a farmer. He explains his processes to collect, organize and analyze farm data from afar; how to statistically analyze your data; the pros of certain precision technologies; how to set up your own precision trials; and more.

You Will Learn: how to manage your on-farm data and use it to drive informed decisions.

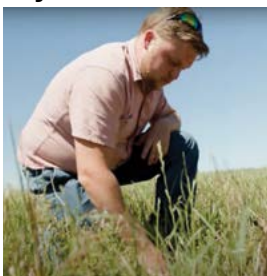


No-Till Classroom #3

Our 6-Year, 'All-In' No-Till Journey

There's something to be learned every day, with every crop, every year, says **Joel Reddick**, who farms 2,000 acres of row crops in Bardwell, Ky. After attending the 2018 National No-Tillage Conference, the Reddicks made the switch to no-till, cover crops, planting green and integrating livestock. Reddick, a recipient of the 2022 Leopold Award, makes it a point to find the learning lessons in both the fantastic yields and the disappointing outcomes, and he readily shares warts and all to shorten other no-tillers' learning curve.

You Will Learn: lessons learned in how to ensure both no-till profitability and ecological goals are met.



No-Till Classroom #4

Tracking On-Farm Progress Through Soil Testing

Regen Ag's **Lance Gunderson** (see p. 2) explains modern soil testing tools and how they can be used to track progress with each system change. He details how the Haney, PLFA and BeCrop metagenomics tests can be used in future management decisions aimed at reducing fertilizer costs and stimulating the power of soil biology.

You Will Learn: how to use soil testing tools to reduce your fertilizer costs and optimize your soil biology.

No-Till Classroom #5

Boosting Nutrient Cycling with Microbes

Microbial products are called everything from wonder products to bugs-in-a-jug to snake oil at their worst. So what do soil microbes really do and what should a producer look for in a product? **Dave Stark**, president of agriculture for Holganix, explores the role of various types of soil microbes to help no-tillers understand what each can and can't do, with a particular focus on fertilizer efficiency.

You Will Learn: how soil microbes can help you produce more with fewer inputs while improving soil health and profitability.

No-Till Classroom #6

Capturing High Yields with Regenerative Ag

Using regenerative ag practices doesn't automatically equate to a yield loss, maintains no-tiller **Russell Hedrick** (see p. 2). He says taking nutrient credits, managing pests and mapping the needs of a growing crop will increase yields while reducing costs. He details the specific regenerative ag practices that propelled him to record-setting corn and

45 INTERACTIVE NO-TILL ROUNDTABLES

7.a.1.a

The interaction between no-tillers that occurs at the National No-Tillage Conference will deliver your most valuable learning, as farmer-to-farmer roundtable sessions bring attendees together to discuss a focused topic for 60 minutes. You'll get your burning no-till questions asked and answered to help shape future planning and decision making on your farm.

Taking home just one new idea from these candid conversations is annually cited as one of the top takeaways by attendees. **See below and p. 9 and 11 for 45 topics to choose from during 3 dedicated roundtable sessions.**



soybean yields, which, on average, are 3.4 times greater than the rest of his county, topping out at 420-bushel corn.

You Will Learn: how to implement regenerative ag practices to improve yields and increase profits.

4:45-5:45 p.m. Set #1:

15 Dynamic No-Till Roundtables

Select from 15 No-Till Roundtables where you'll ask questions, discuss challenges and contribute field-proven ideas on a specific topic. Bring others to different sessions to capture even more actionable ideas.

1. Drill Setups for Dynamite No-Till Soybean Stands
2. No-Till Corn Sidedressing Strategies
3. Making the Most of Manure Applications
4. Raising the Roof on Production of No-Tilled Forages
5. Exclusively for Case IH Planter Users
6. Boosting the Bottom Line with Biosolids & Sludge
7. Innovative Ideas for Integrating No-Till & Livestock
8. Winning Ideas for No-Tilling Vegetables
9. Getting a Head Start on Pesky Slug Issues
10. Outstanding Opportunities with No-Till Organic Systems
11. A Myth or Not? Stratification in No-Tilled Soils
12. Overcoming Obstacles to Utilizing Precision Ag Data
13. Making Sense of Carbon Programs
14. Pumping Up Profits with Double-Cropping
15. Managing Micronutrients for Bigger No-Till Yields

Dinner/Evening (On Your Own)

Within a short walk or drive from the Hyatt Regency St. Louis Arch Hotel, you'll find rich history, lively music and amazing dining destinations to enjoy on your Wednesday evening out in the River City. Here are just a few options to check out:

All Aboard at St. Louis Union Station — Once one of the busiest passenger rail terminals in the world, Union Station (a favorite of past attendees) is now home to a vast aquarium, the 200-foot St. Louis Wheel, a historic carousel and more. Pick from several restaurants like The Grand Hall, featuring dramatic 65-foot archways and stunning mosaics; The Train Shed, offering modern American fare & craft cocktails; and Landry's, a unique lakeside restaurant renowned for its seafood.

Explore the Vibrant Neighborhoods of St. Louis — Find ample portions and cold beer at the Budweiser Brew House, one of the many restaurants in the sports-anchored Ballpark Village entertainment district. Head to The Grove and take your pick of some of the best restaurants in St. Louis like The Shaved Duck, featured on Food Networks Diners Drive In's & Dives. Or visit one of the Soulard neighborhood's many down-to-earth restaurants like Tucker's Place, "the place for steaks in St. Louis."

"You consistently have speakers who cover topics I've never considered before. It makes me think and expand my consideration of how I want to manage my farm..."

—Stephen Fennig, Bryant, Ind.



31st Annual
NATIONAL
NO-TILLAGE

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6:30 a.m.-6 p.m. Registration

7-8 a.m. Early Bird Breakfast, Sponsored by Ag Insight LLC



8-8:45 a.m. Pesticide Spray Drift Buffers & Setbacks — What It Means to U.S. Growers?



This presentation describes how the U.S. EPA calculates buffers/setbacks for pesticides under the Federal Insecticide Fungicide and Rodenticide Act and in compliance with the Endangered Species Act. Why is it problematic, and how could it impact farmers? Is a 100 to 1,000-foot buffer/setback workable/sustainable? Are these modeled distances realistic? Can we improve on the science? Syngenta's **Richard Brain** and Ag Insight's **Daniel Perkins** address these questions and more via their studies ranging from state-of-the-art analytical and biological methods to their now well-known field demonstration involving a self-propelled sprayer, wedding dress and food coloring.

You Will Learn: how the EPA's buffers/setbacks for pesticides impact you and what field demos have proved about spray drift.

9-9:50 a.m. Choose from 6 High-Powered No-Till Classrooms

Select one of 6 outstanding no-till classrooms to absorb more specialized learning. Recruit others from your farming operation and attend separate sessions to broaden your no-till knowledge.

No-Till Classroom #7 Using Crop Diversity to Improve Soil Health

Crop diversification is critical for improving the biological activity that boosts nutrient cycling, says 2022 No-Till Innovator **Dan Forgey**. Seeking to work with nature instead of against it, the agronomy manager of Cronin Farms, a no-till operation near Gettysburg, S.D., has mastered complex crop rotations, including forages and cover crops, and is improving his land stewardship as a result.

You Will Learn: how to adopt a diversified no-till system to boost your soil health.



No-Till Classroom #8 Best Weed Control Ideas for No-Till Corn & Soybeans

Dr. Kevin Bradley, extension weed scientist at the University of Missouri, explores weed management strategies for 2023 and beyond in this highly requested classroom session. Bradley discusses the weed management issues likely to become more of an issue in your no-till corn and soybeans, differences in



"new" vs. "old" types of herbicide-resistant weeds, the importance of integrated weed management tactics and more. Bring questions about your toughest weeds to this expert who's spent decades researching herbicide resistance, specifically waterhemp.

You Will Learn: how to identify and destroy herbicide-resistant weeds

No-Till Classroom #9 The Data is In .. No-Till Increases Land Values

Increasing no-tillage at the county level by as little as 1% can have a positive impact on land values, says North Carolina State University researcher **Rod ReJesus**. ReJesus and his team completed a new economic study that examined the impact of no-till on land values in the Midwest. Don't miss this important topic, with key takeaways to share with your landlords back home.

You Will Learn: how much no-till will increase the value of the land you own or work.



*"It's the best place to learn about the modern
crop production practices of today..."*

— **Jacob Kaderly, Monticello, Wis**

No-Till Classroom #10 Managing Grazing for Improved Soil Health

Steve Swaffar, Ardmore, Okla., is an ag consultant in Noble Research Institute's producer relations program, working with producers to understand and improve their soils and grazing operations. Swaffar is well-known to no-tillers from his time as executive director of No-Till on the Plains (No-Till Innovator alum) and Kansas Farm Bureau. Swaffar's presentation examines the benefits of implementing diversity to the farm via livestock as well as proven and practical strategies for improving soil health in grazing systems.

You Will Learn: the soil health advantages from grazing livestock and practical integration tips on your farm or ranch.



No-Till Classroom #11 Against the Grain: Eliminating No-Till Inputs for Healthier Soils & Higher Profits

No-tilling near South Prairie, N.D., **Kelly and DeAnna Lozensky** have slashed hundreds of thousands of dollars in inputs by changing up their rotation to focus on low-input crops and covers, including a one-pass seeding of oats from the combine. They explain how the soil health benefits of these practices are amplified via a native soil tea, an easy-to-make microbial brew they produce right on the farm.

You Will Learn: how to increase your no-till profits using new soil health practices.





No-Till Classroom #12

Troubleshooting Tips & Tweaks for No-Till Planters

In this interactive setting, **Andy Thompson** of Yetter (2022 No-Till Innovator of the Year: Business & Service) shares practical planter adjustments that you can make in the field next spring. Thompson is encouraging your specific no-till planter questions, so come prepared.

You Will Learn: how to read field conditions and pivot to real-time adjustments that will optimize your planter's performance.



10:10-11 a.m. No-Till's Future: A Pragmatic View to Profitability & Sustainability

Back by popular demand, Western Canada's **Rob Saik** (author of *Food 5.0*) makes his first return to the National No-Tillage Conference in 4 years. While converging technologies are reshaping farming, Saik says farmers must embrace the pragmatic solutions to improve their profitability and sustainability. After selling his agronomy consulting business to Trimble prior to leading DOT Technology's autonomous solution through its acquisition by Raven (CNH), Saik launched AGvisorPRO to connect farmers with technical experts in real-time. He also operated one of the earliest carbon credit trading companies (Agri-Trend Aggregation), and thus has unique insight into the pros/cons of offset monetization.

You Will Learn: how risk in farming is impacted by data points and confidence, and how today's advanced technologies are "scaling the human brain" to improve no-till decision-making in real-time.



11-11:15 a.m. Sponsor Announcements

11:15 a.m.-12:15 p.m.

SILVER ANNIVERSARY

LECTURE: Why No-Till Planter Settings Will Make or Break Your Crop, Sponsored by H&R Agri-Power

Gregg Sauder, founder of 360 Yield Center, returns to the same St. Louis stage he took 25 years ago. Then, only into his 6th year with his fledgling Precision Planting company, Sauder gave not one — but 3 — presentations at the conference. In this first-ever Silver Anniversary Lecture, Sauder, who founded 360 Yield Center in 2014 after selling Precision Planting 2 years earlier for \$250 million, reviews the transition from the early days of planter machine-learning and technology that vastly improved seed spacing, depth and downforce. His fascinating presentation concludes with leading autonomy and irrigation technologies proven on his own 7,000-acre farming operation and how they can be applied to significantly impact plant health and yield.

You Will Learn: why taking the wrong approach to closing the seed trench is costing no-tillers ear counts and bushels.



12:15-1:45 p.m. Lunch (On Your Own)

1:45-2:15 p.m. No-Till Innovator of the Year Awards Ceremony

Join Calmer Corn Heads and *No-Till Farmer* in honoring No-Till Innovator Alumni and to celebrate the 2022 class of inductees that have had a positive impact on no-till systems. The 2022 class includes **Dan Forgey**, Gettysburg, S.D.; **Ray Archuleta**, Seymour, Mo.; **Yetter Mfg.**, Colchester, Ill.; and **Cedar Creek Farmers**, West Bend, Wis.



2:15-3:05 p.m.

FRANK LESSITER LEGACY SERIES:

What I've Learned From 30 Years of No-Till Trials, Sponsored by Calmer Corn Heads

No-tilling for 40 years, **Jim Leverich** shares the fundamental management techniques he considers vital to his success, including on-farm research to enhance decision on nutrient performance. After 33 years with the University of Wisconsin Extension Service (18 years as its farm research coordinator), Leverich now farms 1,000 acres in Sparta, Wis. A longtime *No-Till Farmer* contributor and No-Till Innovator alum, Leverich served as the first-ever Conservation Ag Fellow in 2022.

You Will Learn: the management techniques proven to be critical success factors to no-till by a longtime no-tiller, extension educator and innovator.



3:05-3:35 p.m. Sponsor/Networking Break

Reserve Your Room at the Hyatt Regency St. Louis Arch! A Breathtaking Destination!

The Hyatt Regency St. Louis Arch Hotel is the host site for the 31st annual National No-Tillage Conference from January 10-13, 2023.

Enjoy your stay at the Hyatt Regency St. Louis Arch hotel while overlooking the iconic Gateway Arch. You'll have convenient access to downtown's most desirable attractions, best restaurants and the Mississippi Riverfront — all located within walking distance. Experience world-class amenities at bargain hotel prices. Stay for just \$125 per night with exclusive attendee-only pricing.

Reserve your rooms at the special conference attendee rate by calling (314) 655-1234 and mentioning the National No-Tillage Conference. Book your room at www.NoTillConference.com. **Hotel room cut-off is December 20, 2022**, or until allocated rooms are sold out.



Register today at www.NoTillConference.com or call (866) 839-8455!



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3:35-4:35 p.m. Choose from 5 High- Powered No-Till Classrooms

Select one of 5 outstanding no-till classrooms to absorb more specialized learning. Send others from your farming operation to separate sessions to broaden your no-till knowledge.

No-Till Classroom #13

The Real Value of Carbon: Putting Carbon to Work for You

A lot of attention is given to carbon markets and how they could benefit no-tillers by providing an additional source of revenue. But the real value of carbon is the impact on production efficiency, climate resilience, yield stability and profitability, says **Jerry Hatfield**, the retired Director of the USDA-ARS National Laboratory for Agriculture & Environment in Ames, Iowa. Hatfield explains how increasing carbon in the soil increases its ability to capture and store water. Understanding how to bring all these carbon pieces together helps no-tillers recognize the value beyond the carbon markets. Hatfield has earned "Best Presenter" recognition from Lessiter Media event attendees.

You Will Learn: why putting carbon to work for you benefits your operation beyond the revenue you'll receive from carbon markets.



No-Till Classroom #14

Tackling Today's Nutrient Placement Challenges

In this practical classroom setting, 360 Yield Center Founder **Gregg Sauder** (see p. 7) returns to the stage to teach no-tillers how leading growers are approaching nutrient application/banding with today's planters.

You Will Learn: 3 steps to eliminate the carbon penalty in your emerging corn crop.

No-Till Classroom #15

CoverCress for No-Tillers: Experiences with a Third Cash/Cover Crop

CoverCress is a climate-smart rotational cash/cover crop developed to meet the demand for renewable fuels without displacing other harvested crops. **Jeff Martin**, a No-Till Innovator of the Year Alum and *No-Till Farmer* Legend from Mt. Pulaski, Ill., shares his experience with the new crop over 5 years of on-farm research plots. Martin details his 8,000-acre operation's experience in planting (vertical tillage/air seeder) while sharing how corn and soybeans respond after harvest. Experts project an adoption of 3 million acres of the crop in Illinois, Indiana, Ohio and Missouri by 2030.

You Will Learn: the pros/cons of a third cash crop for Midwestern farmers and the nuances of raising it among corn and soybean production.



No-Till Classroom #16

The Good, The Bad & The Ugly of Wide-Row Corn*

Bob Recker has spent 14 seasons exploring and researching sunlight harvesting by corn. His work has evolved from strip intercropping to tramlines and 60-inch corn rows to even wider row spacing and configuration, which includes an "Opportunity Space," or the opening between the wide rows. Recker, recognized by conference attendees as a "Best Presenter" recipient, reports on his recent results and the real-world deci-



A Deeper Look at 60-Inch Corn

For more on this topic, see Classrooms #16 and #18.

No-tillers are quickly studying the benefits of planting wide-row corn — 60-inch rows vs. the more common 30-inch rows. As covered in various *No-Till Farmer* articles, they're finding improved cover crop performance, soil health, water quality management, livestock grazing and profitability.

The system creates the potential for harvesting more sunlight and growing nitrogen to benefit the next year's rotation.

Surprising Results. In trials comparing 30-inch rows (with and without covers) to 60-inch rows with cover crops, M. Scott Wells at the University of Minnesota was surprised to find the amount of biomass the interseeded cover crop created in the 60-inch treatment.

Wells' sampling showed an average of more than 1,500 pounds per acre of high-quality dried forage in September. For reference, Wells says his team interseeded more than 2,000 cover crop test plots over 6 years, and fall cover crop biomass is typically less than 200 pounds per acre (dry matter). After the wide-row corn harvest, cattle quickly glean the field of the cover crop forage.

Monte and Bob Bottens dedicated 160 corn acres this year to 60-inch row trials on their Cambridge, Ill., farm. They had four replications with three hybrids, along with several plant population and fertility trials. Over the years, the father/son team has worked with 15-, 20- and 30-inch row corn.

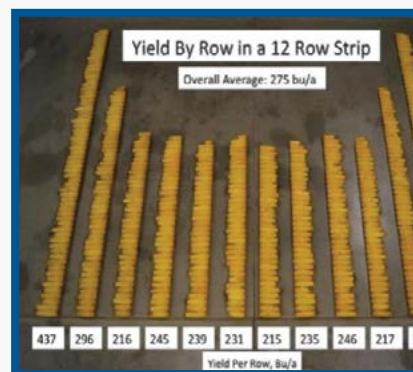
"We asked what would happen if we concentrated the nutrients and took the same number of seeds that were originally in 30-inch rows and placed them in 60-inch rows," says Monte. "This wider row width allows the sunlight to hit the corn plant from top to bottom, which leads to improved efficiency when it comes to feeding the soil microbial community."

No Yield Change. Iowa's **Bob Recker** (left) says limited data indicates 60-inch rows shouldn't have an impact on corn yields. "This liberates half the ground for growing cover crops, a companion crop or maybe a grazing crop," he says. As a result, growers see much more sunlight in the row area while overcoming the unfavorable impact an earlier closing corn canopy can have on interseeded cover crop growth with 30-inch rows.

Recker works with growers from Maryland to Colorado who've tried the 60-inch row system. These no-tillers simply turn off every other row on a 30-inch row no-till planter and double the per-row population in the wider rows.

"It's early, but it looks like we aren't going to see any significant change in corn yield," he says. "What we are going to see is a much healthier, much more dynamic cover crop environment that's going to pay the dividends of what we've been looking for with soil health. The challenge for most growers is going to be a move from a scorched-earth weed treatment program to a cover crop program where cover crops are actually suppressing the weeds."

Recker says the system works with existing equipment, lets no-tillers run wider sprayer tires to trim plant damage, reduces compaction and provides better access to the crop throughout the growing season. It's also a chance to try something new without adding equipment or input costs.



"Why waste all that space in the center — why not just have more edges," as **Bob Recker**. "If we can just do edges as they do really well, the edges will pay for themselves." **C. LeRoy Deichman** adds that research shows planting corn in wide rows increases the capture of sunlight and ambient CO₂ by the crop for better profitability and soil health.

Attachment: 2023-National-No-Tillage-Conference-Program (No-Tillage Conference)

“Interactions and conversations with other growers gave me confidence in what I’m doing and what I should try...”

— Peter Kramer, Gibbon, Minn.

sions that must be made in evaluating whether to embark on a different farming method. For more on this topic, attend Classroom #17 on Friday with pioneering agronomist C. Leroy Deichman.

You Will Learn: how to make wide-row corn work in your operation and what to do with the “Opportunity Space” between the rows.

No-Till Classroom #17

Latest & Most Promising No-Till Research

Vinayak Shedekar (see p. 4) and Randall Reeder (see p. 3) of Ohio State University discuss the latest research into better no-till and cover cropping practices, soil health, technology and more. Topics include the economic value of continuous no-till with cover crops; novel mechanical and precision technologies for managing weeds, alleviating compaction and injecting fertilizer; and most effective strategies for establishing cover crops through aerial application. The pair also show no-tillers a peek into the future, sharing ideas for promising technology under study today. Attendees will also provide their feedback on projects and share ideas worthy of a deeper dive.

You Will Learn: the new university-researched practices you can implement on your own operation to boost your no-till profits today, and what’s coming tomorrow.

4:45-5:45 p.m. Set #2:

15 Dynamic No-Till Roundtables

Select from 15 No-Till Roundtables where you’ll ask questions, discuss challenges and contribute field-proven ideas on a specific topic. Assign others to different sessions to capture even more actionable ideas.

16. Fighting Tough No-Till Corn Weeds
17. Boosting No-Till Corn Planter Performance
18. Helpful Hints for Handling Combine Residue
19. Winning Ways with Annual Ryegrass
20. For John Deere No-Till Planter Owners Only
21. What Can No-Till Borrow from Regenerative Ag?
22. Fungus Among Us: Mycorrhizae and Using Humics
23. Turning the Tide with Foliar Fertilizer Application Success
24. Timely Cover Crop Seeding Tips
25. Talking Tires & Tire Inflation Technology
26. No-Tilling Cotton
27. Guidelines for Guidance Systems
28. Teachable Moments from Cover Crop Failures
29. Breaking Through Yield Barriers with No-Till Soybean Yields
30. Boosting Results with Variable-Rate Fertility



NEW!

* North Central Region-Sustainable Agriculture Research & Education (NCR-SARE) Supports National No-Till Conference*

The North Central Region-Sustainable Agriculture Research & Education (NCR-SARE) is supporting the 2023 National No-Tillage Conference. The selected projects were funded by grants from NCR-SARE, a USDA funded program that supports and promotes profitable, sustainable farming via competitive grants and educational opportunities. Visit www.northcentral.sare.org.



5:45-8:15 p.m. Dinner (On Your Own)

8:15-9:00 p.m. Harness the Power of Your Plants to Position Your Operation for Long-Term Success, featuring Ray Archuleta, the “Minister of Soil”

Ray Archuleta, a renowned leader in soil health and a 2022 No-Till Innovator, routinely challenges the status quo and its impact on both farmers’ soils and their pocketbooks. The retired NRCS soil scientist and founder of Understanding Ag and the Soil Health Academy says whether a farm operation relies on new sunlight (captured by living plants) or ancient sunlight (from



We Fully Guarantee Your Satisfaction!

I’ve covered no-till for over 50 years and picked up hundreds of new no-till techniques, tips and strategies during 30 years of the National No-Tillage Conference to share with *No-Till Farmer* readers.

That’s why if — after attending the National No-Tillage Conference — you don’t feel this highly intensive, information-filled no-tillage conference was everything we promise, write me and I’ll send you a full 100% refund. Take up to 6 months to decide so that you can measure the return on your investment from this unique learning experience.

For a half-century, no-tillers have trusted *No-Till Farmer* to deliver unbiased no-tilling information. Hosting this annual event is still another way for us to help you continue your no-till education, not just through the talented and informative speakers and classroom presenters, but with the valuable networking opportunities that occur through the No-Till Roundtables and hallway conversations.

This unsurpassed guarantee ought to convince you that we’re worthy of your trust and attendance at the 31st annual National No-Tillage Conference coming up Jan. 10-13, 2023.

Transfer/Refund Policy: At any point prior to the event, you may request that your registration be transferred to the following year’s event, or to a replacement attendee that would attend in your place.

- Your registration is 100% refundable through December 16, 2022.
- Your registration is 50% refundable from December 17, 2022, through January 4, 2023.
- Sorry, no refunds after January 4, 2023.

To cancel or transfer your registration, please email *No-Till Farmer* at info@notillfarmer.com or call (866) 839-8455 or (262) 432-0388.

NOTE: In the unlikely event that the National No-Tillage Conference is cancelled in its entirety, all registrants will receive a full 100% registration refund.

See You in St. Louis!

Frank Desitter

Attachment: 2023-National-No-Tillage-Conference-Program (No-Tillage Conference)

Register today at www.NoTillConference.com or call (866) 839-8455!



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man-made fertilizers, pesticides and diesel) dramatically impacts the resiliency of the farm. Archuleta explains how purposeful management allows farmers to cycle nutrients in the soil and reduce costly inputs for long-term success. Always thought- and debate-provoking, Archuleta makes his first return to the conference stage since 2018 to build on his "Best Speaker" billing from attendees. Archuleta headlined the 2020 documentary *Kiss the Ground*.

You Will Learn: why cover crops are "your first step to freedom" in reducing your inputs and positioning your operation for long-term success.

9:15-11:30 p.m. Wind Down at the Hospitality Event, Sponsored by Helm

Enjoy this enjoyable opportunity to network and talk about the day's presentations and hot no-till topics with fellow no-tillers while enjoying refreshments and light snacks.



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FRIDAY, JANUARY 13

8-9 a.m. Choose from 6 High-Powered No-Till Classrooms

Select one of 6 outstanding no-till classrooms to absorb more specialized learning. Bring others along from your farm to broaden your no-till knowledge at different sessions.

No-Till Classroom #18 Selecting Twin-Row Corn Hybrids for the Solar Corridor Crop System

No-tillers who want more on wide-row corn (see Classroom #16 on p. 8) are in luck. Hybrid selection is the key to success in wide rows, according to **C. LeRoy Deichman**, who pioneered the Solar Corridor Crop System (SCCS) more than 15 years ago. The agronomist explains the fundamentals of his twin-row 60-inch planting system, demonstrates the yield variability between hybrids, shares data that shows the yield bump associated with targeted hybrids in the SCCS and explains how to select hybrids that will respond favorably to the system. His research plots showed select hybrids in 60-inch twin-row corn outyielded 30-inch row corn.

You Will Learn: how to select the right corn hybrid to use in wide rows for your conditions.



No-Till Classroom #19 Focus on Fertility for Higher No-Till Yields

Fertility and managing nutrients are keys to no-till success. You don't need a complicated system, says Sparta, Wis., no-tiller **Jim Leverich**, but you do need to think about the availability of the nutri-

ents your crops are trying to access throughout the growing season. Leverich (see p. 7) discusses various ways to provide nutrients and how to use different placement options and times to improve fertilizer efficiency and profitability.

You Will Learn: how to use different placement options and application times to improve fertilizer efficiency and profitability.

No-Till Classroom #20 Tips for Improving No-Till Nitrogen Use Efficiency

In a time of high fertilizer prices and commodity prices, nutrient optimization has never been more critical to the P&L. With more tools than ever before, "gut feelings" and "stabs in the dark" no longer cut it, says **Mike Zwingman**. The Director of Agronomy-Row Crops for Verdesian Life Sciences explains why nitrogen management is a dynamic system and must be treated as such. He details how to build a no-till system through application timing, modeling, imagery, variable rate technology and nitrogen stabilizers.

You Will Learn: how to use application timing, technology and nitrogen stabilizers to improve your nitrogen use efficiency.



No-Till Classroom #21 Understanding How Carbon Impacts Soils & Crops

Carbon dynamics in agriculture is a complex interaction between how growing plants capture carbon and factors that release carbon, such as tillage, says **Jerry Hatfield** (see p. 8). No-tillers stand to benefit from understanding how different crops, soils and climates influence carbon capture. As a follow-up to Classroom #12, Hatfield explains how carbon capture's effect on soil water and nitrogen directly impacts the farmer's ability to produce a crop and increase his profitability.

You Will Learn: how different crops, soils and climates influence carbon capture, and how carbon capture directly impacts your soil water and nitrogen.

No-Till Classroom #22 The Real Work of No-Till Farmer-Led Initiatives & Best Ideas to Rally Your Community

Organized in 2017, Wisconsin's Cedar Creek Farmers (2022 No-Till Innovator of the Year) provide soil and water quality outreach to producers along a watershed that serves 42,000 residents. This farmer-led group promotes soil health via no-till, cover crops, regenerative farming and nutrient management, and encourages riparian buffers, prairie strips and streambank stabilization to further reduce phosphorus levels in the watershed's surface waters. The group created novel incentives for establishing grasses in concentrated flow channels, reducing tillage, cover crops and nutrient management planning. Board member **Ross Bishop**, Jackson, Wis., a 25-year no-tiller,



YOURS FREE!

5 High-Impact Bonuses For You (\$520 Value)!

1. No-Till Farmer & Conservation Tillage Guide: Each registered attendee receives a FREE 1-year subscription to *No-Till Farmer* delivered monthly, including 8 issues of the popular newsletter and 4 issues of the info-packed *Conservation Tillage Guide* quarterly magazine. **Bonus Value: \$59.95**

2. Farm Innovations: This specialty product guide is a year-round reference to the latest innovative products from more than 100 shortline farm machinery manufacturers and suppliers throughout the world. **Bonus Value: \$29.95**

3. Cover Crop Strategies, Edition 3: A special management report from the editors of *Cover Crop Strategies* and *No-Till Farmer*. **Bonus Value: \$15.95**

4. No-Till Corn: Pushing the Boundaries of Yield Potential: This special management report offers tips from recent National Corn Growers Association No-Till Champions. Learn about the solutions these no-tillers put into place to push the limits on no-till corn yields. **Bonus Value: \$15.95**

5. U.S. No-Till Farming: A 10-Year Study into its Practice & Trends: Ag Equipment Intelligence released a new 2022 custom-research report that examines 10 years of No-Till Farmer's Operational Benchmark Studies. This 65-page custom research report analyzes how U.S. growers' no-till operations have trended over the last decade, including equipment use, cover crop practices, yields/acreage, crop input practices and operating expenses. **Bonus Value: \$399**

Attachment: 2023-National-No-Tillage-Conference-Program (No-Tillage Conference)

***"Before the end of the 1st day,
I already paid for the trip!"***

— Joseph Kern, Mariah Hill, Ind.

shares thought-provoking ideas and examples of support that you'll be able to draw upon to advance no-till in your area.

You Will Learn: how to mobilize and engage your farm and city neighbors to improve community-wide farming practices.

No-Till Classroom #23

Combine Settings for a Stellar Soybean Harvest

With 50-plus years of experience harvesting soybeans, Illinois no-tiller and equipment designer **Marion Calmer** (see p. 4) shares easy settings and adjustments to follow for any combine or bean head to efficiently harvest high-yielding, green-stemmed and green-podded no-till soybeans. Loaded with practical tips, his presentation compares draper and auger-fed platforms, 2- and 3-inch sickles, concave cover plates and the importance of evenly spreading residue to prepare the following year's no-till crop.

You Will Learn: how to set and adjust your combine or bean head to efficiently harvest no-till soybeans.

9:15-10:15 a.m. Set #3:

15 Dynamic No-Till Roundtables

Select from the final set of 15 No-Till Roundtables where you'll ask questions, discuss challenges and contribute field-proven ideas on a specific topic. Bring others to different sessions to capture even more actionable ideas.

31. Alternative Cash Crops: Kernza, Camelina, CoverCress
32. Breakthrough Ideas for Beating Compaction
33. Perfect Setups & Adjustments for Air Seeder Performance
34. Biological Solutions to Better Pest Control
35. Shutting the Door on Pesky Voles, Varmints, Critters
36. Setting Sprayers for Super No-Till Success
37. Exclusively For Kinze No-Till Planter Owners
38. Helpful Hints for Higher No-Till Wheat Yields
39. For No-Till Dairy Farmers Only
40. Protecting No-Tilled Fields from Seed & Soil Diseases
41. Cover Crop Strategies: USDA Hardiness Zones 1a-5b
42. Cover Crop Strategies: USDA Hardiness Zones 6a-7b
43. Cover Crop Strategies: USDA Hardiness Zones 8a-13b
44. When Fungus Attacks: Observations on Fungicides In-Field
45. Integrating Box Drills Into Equipment Operations

10:25-11:15 a.m. HARRY M. YOUNG, JR. MEMORIAL LECTURE: New Profit Opportunities with No-Tilled Wheat, Sponsored by Verdesian

Four-time recipient of the National No-Tillage Conference's Best Speaker Award **Phil Needham** (No-Till Innovator and No-Till Farmer Legend) is back this year to present dozens of management tips to help no-till wheat growers increase their yields and profits. Originally from the UK, the Kentucky-based agronomist has worked with wheat producers around the world for nearly 4 decades. Needham covers the importance of the right plant populations to create high yield potential with the right nitrogen rates, fungicide tips and timings to protecting yield potential and more.

You Will Learn: how to increase your no-till wheat yields and profits.



Thanks to Great Plains Manufacturing for supporting farmers' learning experience as the official Technology Sponsor of the conference, offsetting a portion of the audio-visual technology investment.



11:15 a.m.-12:15 p.m. INNOVATORS & EXPERTS PANEL: 50 Profit-Building No-Till Soybean Ideas in 50 Minutes

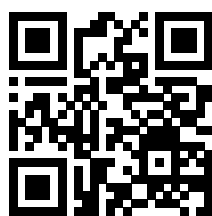


As another special addition to the 2023 event, No-Till Farmer & No-Till Innovator Award sponsor Calmer Corn Heads set a goal of assembling the largest gathering of No-Till Innovator alumni in conference history. A byproduct of this unique campaign is YOUR chance to interact, network and learn from no-till farming's brightest minds of the past and present. Don't miss this history-making session on no-till soybean production — full of actionable takeaways as well as successes and failures — in this proven, fast-paced learning format.

You Will Learn: proven, take-to-the-bank tips and truths from some of the brightest minds to impact no-till's adoption over the last 5 decades.

12:15-12:25 p.m. Final Thoughts & Here's to Successful No-Tilling in 2023!

**RESERVE
YOUR SPOT
TODAY!**



Register Online
NoTillConference.com

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866.839.8455 or
262.432.0388

**REGISTER TODAY
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If you are registering more than 10 attendees, contact Dallas Ziebell (dziebell@lessitermedia.com) or 262.777.2412 to discuss discounted group rates. You may qualify for savings of over 25% off the regular attendee rate.

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Packet Pg. 25

31st Annual National No-Tillage Conference

Hosted by *No-Till Farmer*

P.O. Box 624

Brookfield, WI 53008-0624

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Jam-Packed
No-Till Agenda
NOW AVAILABLE!**

Boost Your No-Till Yields in 2023!

As part of your conference registration, you are entitled to a 1-year subscription to *No-Till Farmer*, published 12x per year. Please select and sign below if you wish to receive.

Primary Registrant:

Name: _____

Farm or Company Name: _____

Address: _____

City: _____ State: _____

Zip/Postal Code: _____ Country: _____

Phone: _____

Email: _____

☐ Add workshop: "How to Reduce Fertilizer Costs Without Sacrificing Yield" (\$129)

☐ Add workshop: "Raising Every No-Till Acre" (\$129)

☐ YES, I would like to receive a 1-year subscription to *No-Till Farmer* as part of my registration at no additional cost. ☐ No thank you.

Signature: _____ Date: _____

(required for free subscription)

Additional Registrant:

Name: _____

☐ Same address as primary registrant.

Farm or Company Name: _____

Address: _____

City: _____ State: _____

Zip/Postal Code: _____ Country: _____

Phone: _____

Email: _____

☐ Add workshop: "How to Reduce Fertilizer Costs Without Sacrificing Yield" (\$129)

☐ Add workshop: "Raising Every No-Till Acre" (\$129)

☐ YES, I would like to receive a 1-year subscription to *No-Till Farmer* as part of my registration at no additional cost. ☐ No thank you.

Signature: _____ Date: _____

(required for free subscription)

*Please attach contact information for any additional attendees.

Registration Options:

Register online at www.NoTillConference.com. Or call (262) 432-0388 or (866) 839-8455 between 8:30 a.m. and 4:30 p.m. CT, Mon. through Fri. Or mail this completed form to: P.O. Box 624, Brookfield, WI 53008-0624. Registration must be received by 12/31/22 to get the discounted pre-registration rate of \$419 (\$50.00 savings off the onsite rate).

#1 First Attendee

1 attendee x \$419 = \$ _____
(*\$469 after 12/31/22*)

#2 Additional Attendees

attendee(s) x \$392 = \$ _____
(*\$469 after 12/31/22*)

#3 Bonus Workshop #1, Tue., Jan. 10, 12:00 - 2 P.M.

Limited seating. See page 2 for more details.

"How to Trim Fertilizer Costs Without Sacrificing Yield,"

with Lance Gunderson & Russell Hedrick

attendee(s) x \$129 = \$ _____

#4 Bonus Workshop #2 Tue., Jan. 10, 2:30 - 5:30 P.M.

Limited seating. See page 2 for more details.

"Raising Every No-Till Acre," with David Hula & Randy Dowdy

attendee(s) x \$129 = \$ _____

#4 BOOK OFFER: *No-Till & Cover Crops Handbook*

The 182-page *No-Till & Cover Crops Handbook* offers a complete and convenient resource for anyone who is unsure if no-till and covers will work for them, as well as those already convinced of the merits of the practices but unsure how to implement them. Find critical information you need on field preparation, equipment requirements, how no-till and covers impact other agronomic practices and more.

book(s) x \$29.95 = \$ _____

Total \$ _____

Payment Information:

Payment Type: ☐ Visa ☐ MC ☐ AmEx ☐ Discover ☐ Check

(Please make checks payable to No-Till Farmer, in U.S. funds only)

Card #: _____

Exp date: _____

Name on Credit Card: _____



LAND AND WATER MANAGEMENT DEPARTMENT

CURRENT PROJECTS AND REPORT UPDATES

-OCTOBER 2022 -



MISSION STATEMENT

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

Land and Water Management Department

Andy Holschbach, Previous Director
Geoff Schramm, Land & Water Coordinator
Ed Pfister, Sanitation & Zoning Coordinator
Chase Brouillette, Soil & Water Conservationist
Barry Sullivan, Sanitation & Zoning Specialist
Katie Vogeler, Conservation Planner
Tony Austin, Technical Support 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: October 2022 news (LWM Monthly Report)



Land & Water Resource Management

♦ Conservation Planning/Farmland Preservation (FPP)

- 94 farms currently participating in Farmland Preservation Program; status reviews to be completed on about 25% of the farms in 2022 to ensure compliance with the FPP soil and water performance standards. Geoff and Katie have met with 3 growers with NMP's and 2 had runoff issues that are now being fixed with harvestable grassed waterways.

♦ Best Management Practices Design and Certification

- In 2022 Gasser Farms Waste Storage (313) and Waste Transfer (634) project, this is a TRM Project working on design and layout. Met with Luke Gasser, DATCP & NRCS at farm to coordinate planning, design and construction. Being reviewed by DATCP
- Risch Farm Leachate runoff project installed, Rob and Lori Wagner Rip Rap Installed, William Stadler waterway design completed, Neal Jacoby waterway completed. Dan Large waterway project started
- Have approximately 15 small projects lined up for in 2022 for SWRM Grant funds.

♦ Administration of Cost-Share Agreements (grants)

- 2022 SWRM bonded grant – \$49,500; SWRM SEG grant – \$25,000. CIG grant \$25,000.
- Ozaukee County awarded 2022 TRM grant funds for Gasser, Hamm, and Eskra
- Contact flyer sent to RCPP landowners in Milwaukee River area

♦ Nutrient Management

- Awarded \$2,500 DATCP Nutrient Management Farmer Education Grant, plan to provide subscriptions to No-Till Farmer and provide manure analysis at a Fall popup field event. Katie plans to use it again in 2023 for a group NMP Farmer Education day along with manure sample kits.

Environmental Education

- NACD has released that the theme this year is water.

♦ NR151 Compliance Tracking

- No activity

♦ Manure Storage Ordinance

- No activity

♦ Stormwater Management & Construction Site Erosion Control-WPDES Permit

- Stantec is finalizing the SLAMM modeling to evaluate nonpoint source pollutant loadings on county property in the MS4 area for compliance with the DNR stormwater permit. A commitment letter was sent to WI DNR.

♦ Buffer Initiative—Conservation Reserve Enhancement Program (CREP)

♦ Wildlife Damage and Abatement

Deer donation program is underway, only one butcher participating. Goose damage claim for Century Acres has been started for soybean field in town of Grafton.

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

- Ordered trees and shrubs from the nurseries for the 2022/23 program

♦ Invasive Species

- No activity

♦ Conservation/ Clean Farm Families

- 4 field events were hosted in October regarding cover crops, and 2 events were Grazing Farm Families Pasture walks at Matt Winker's farm and Tim Grube's Farm. We have introduced this Grazing Network as a Southeast group (not Ozaukee only) to include Paul Habeck.

- UW Research Trial soil and biomass samples are complete. We are awaiting results on the forage analysis from the Cinto Bean in Dan Jacques field, which is marketed to add protein to his ration.
- 2023 Grants have been applied for
- Ozaukee Dirt 2022 newsletters were mailed to 264 county farmers and posted on the county website. We have received many compliments on it. The dept. will look to publish at least one a year each spring, then determine if staff has the time to publish more
- Hwy 57 plot data is 66% collected, waiting on corn to get combined.
- The new airseeder is being utilized at Melichar Broad Acres and the farmer is satisfied.

7.b.1.a



Sanitation Program

♦ Sanitation Ordinance

- Six sanitation ordinance violations
- Maintenance: 505 notices were sent in October; the Office of Corporation Counsel continues action with non-compliant owners; 10,249 reports filed to date in 2022

♦ POWTS Plan Reviews, Permits, and Final Inspections

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

♦ Wisconsin Fund

- One qualified applicant for fiscal year 2022. Grant amount of \$7,000 requested for said applicant

♦ Miscellaneous

- Working on electronic sanitation permitting system along with LIO.



Shoreland and Floodplain Zoning

♦ Shoreland and Floodplain Zoning Ordinance

- Two applicants in October.

♦ Permits

- Four shoreland zoning permit for October

♦ National Flood Insurance/Community Rating System (CRS)

- Provided floodplain information to numerous landowners, completed NFIP information to lenders and realtors
- Completed 5 year CRS audit in October

♦ Technical Advisory—SEWRPC Regional Plans

- SEWRPC developing "Regional Food System Plan"

♦ Non-metallic Mining Reclamation

- No reports for October

♦ Miscellaneous

- 1930 & 1936 Edgewater: near completion

Attachment: October 2022 news (LWM Monthly Report)

Ozaukee County Committee Report
General Fund Land & Water Management
 For the Nine Months Ending Friday, September 30, 2022
 Profit and Loss Statement ACTUAL TO AMENDED BUDGET

	Current Month Actual	2022 YTD Actual	2022 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Taxes	-	-	\$1	\$1	0.00%
Intergovernmental Revenues	\$15,036	(\$96,258)	\$1,322,464	\$1,418,722	-7.28%
Public Charges for Services	\$2,820	\$91,413	\$127,360	\$35,947	71.78%
Licenses & Permits	\$8,080	\$75,850	\$101,000	\$25,150	75.10%
Other Revenue	-	\$45,913	\$50,200	\$4,287	91.46%
Total Revenues	\$25,936	\$116,918	\$1,601,025	\$1,484,107	7.30%
Expenditures					
Salaries	\$63,274	\$410,517	\$550,004	\$139,487	74.64%
Fringe Benefits	\$19,721	\$142,027	\$186,361	\$44,334	76.21%
Travel/Training	\$605	\$4,690	\$14,425	\$9,735	32.51%
Supplies	\$4,108	\$17,539	\$24,778	\$7,239	70.78%
Purchased Services	\$3,124	\$322,582	\$462,871	\$140,289	69.69%
Interdepartment Charges	\$3,019	\$35,321	\$42,603	\$7,282	82.91%
Grants	\$8,107	\$32,710	\$584,563	\$551,853	5.60%
Other Expenses	\$372	\$69,553	\$83,103	\$13,550	83.69%
Total Operating Expenditures	\$102,330	\$1,034,939	\$1,948,708	\$913,769	53.11%
Capital Outlay					
Buildings & Land	-	\$241,000	\$219,000	(\$22,000)	110.05%
Total Capital Outlay	-	\$241,000	\$219,000	(\$22,000)	110.05%
Total Expenditures	\$102,330	\$1,275,939	\$2,167,708	\$891,769	58.86%
Net Increase (Decrease)	(\$76,394)	(\$1,159,021)	(\$566,683)	\$592,338	204.53%

Equity:

Attachment: LWM Financials (LWM Monthly Report)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: November 3, 2022
DEPARTMENT: Planning and Parks
DIRECTOR: Andrew Struck
PREPARER: Andrew Struck

Agenda Summary Increase of Revenue Budget Amendment for a Wisconsin Department of Natural Resources County Conservation Aids Grant for Prairie Restoration Activities in Hawthorne Hills County Park

BACKGROUND INFORMATION: The Ozaukee County - Planning and Parks Department (Department) was awarded a grant from the Wisconsin Department of Natural Resources (WDNR) County Conservation Aids (CCA) grant program to support a County-sponsored habitat restoration project. 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 WDNR CCA 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, further beautifying the park space. Project activities will be completed by Department staff.

ANALYSIS: The total grant award is \$2,725. The Ozaukee County Natural Resources Committee unanimously approved submittal and acceptance of the grant at its August 4, 2022 meeting (Ayes: Holyoke, Jobs, Ross, Matera, Schoessow) and the Ozaukee County Board of Supervisors approved Resolution 22-15 at its September 7, 2022 meeting (Ayes - 23, Nays - 0, Absent - 3). The grant requires a 50% match, which will be provided by a pending USFWS Partners in Fish and Wildlife Grant and the County through in-kind staff time, equipment and supplies and mileage for a total project cost of \$5,080.

FISCAL IMPACT:

Balance Current Year: NONE

Next Year's Estimated Cost: NONE (Additional Program Revenue - \$2,725)

FUNDING SOURCE:

County Levy: X

Non-County Levy: X

Indicate source: WDNR CCA grant, USFWS Partners in Fish and 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 budget amendment for the Wisconsin Department of Natural Resources - County Conservation Aids Program grant to support prairie restoration activities in Hawthorne Hills County Park in the Town of Saukville.

ATTACHMENTS:

- BA_2022_NRC11032022_WDNR CCA HawthorneHillsPrairie_ATSFinal102722 (PDF)
- P&P_Dept_HawthorneHills_PrairieRestoration_Map (PDF)



Budget Amendment Request Committee Approval Form

8.a.1.a

TO: Finance Committee

FROM: Planning and Parks Department

Department Name

Date of Request: 10/25/2022

Resolution No: _____

Period Transfer Recorded: _____

Type of Budget Amendment (check one)

Increase of Revenue: **X**

Fund Transfer: _____

Supplemental Appropriations: _____

Debit / Expense			Credit / Revenue		
Acct #	221-01-01-53601-000	\$ 2,725	A/C #	221-01-01-42310-000	\$ 2,725
		/ -			/ -
	Pre-request Account's Budget	Changed To		Pre-request Account's Budget	Changed To
Cost Ctr & A/C Desc	Other Material Supplies		Cost Ctr & A/C Desc	State Aid - WDNR CCA - Hawthorne Hills Prairie	
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		
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:		2,725	Total Credits:		2,725

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

This is an increase in revenue for a grant recieved (Project #221-0003-00020) from the Wisconsin Department of Natural Resources County Conservation Aids grant program to support prairie restoration activities at Hawthorne Hills County Park. This increase in revenue is for: 1) Other Material Supplies (e.g. prairie seed) for project implementation.

Rob Holyoke

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:

Packet Pg. 33

Attachment: BA_2022_NRC11032022_WDNR CCA HawthorneHillsPrairie_ATSFinal102722

Hawthorne Hills County Park and Golf Course - Prairie Restoration



Attachment: P&P_Dept_HawthorneHills_PrairieRestoration_Map (P&PDept_IncRevenueBA_WDNRCCAGrant_HHParkPrairie)



0 150 300 600 Feet



Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: November 3, 2022
DEPARTMENT: Planning and Parks
DIRECTOR: Andrew Struck
PREPARER: Andrew Struck

Agenda Summary Submittal and Acceptance of a US Forest Service Great Lakes Restoration Initiative Forest Restoration Grant for Native Tree Planting in the Ozaukee County Coastal Parks Project Area (Phase II)

BACKGROUND INFORMATION: The Planning and Parks Department (Department) proposes to submit and accept a grant application to the U.S. Forest Service (USFS) - Great Lakes Restoration Initiative (GLRI) Forest Restoration grant program to improve the local ecology in the Ozaukee County Coastal Parks Project Area (Project Area) (Phase II) in the Cities of Port Washington and Mequon and Town of Grafton by planting a significant number of native trees to replace ash trees impacted by invasive emerald ash borer (EAB), protect sensitive clay bluff ecosystems along Lake Michigan and manage stormwater. Specifically, this grant will support funding of Department staff operations, contracting with private contractors, and conservation corps (i.e. AmeriCorps NCCC, Milwaukee Community Service Corps, Wisconsin Youth Conservation Corps, and Great Lakes Community Conservation Corps) for tree planting assistance and the purchase of native tree stock. Planting a high diversity and quantity of native trees will support other ongoing restoration projects to control invasive species as well as provide for shading along waterways and wetlands for fish and aquatic life habitat, replace the significant number of ash trees lost due to EAB, mitigate impacts to the high quality woodlands and three Natural Areas of Local Significance (NA-3), Cedar Heights Gorge, Lion's Den Gorge and Port Washington Clay Banks, support volunteer and conservation corps activities, and improve Ozaukee County's tree canopy coverage and diversity. The Department received USFS GLRI grants in 2016, 2017, 2018, 2020, 2021 for similar activities at the Mee-Kwon County Park Project Area, Ulao Creek Habitat Restoration Area, the Hawthorne Hills County Park Project Area and Coastal Parks Project Area (Phase I) and 2022 funding will support the continuation and expansion of these ongoing activities to the coastal County Parks (Lion's Den Gorge Nature Preserve, Virmond County Park and Clay Bluffs Cedar Gorge Nature Preserve). This project is supported by the goals of the [Great Lakes Restoration Initiative Action Plan III](#) - Focus Area 2: Invasive Species Control (pages 9 - 14), the [County Park and Open Space Plan](#) <<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>> "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).

ANALYSIS: Applications for the USFS GLRI grant are due November 14, 2022. The request for proposals identifies priorities for the mitigation of forest insect and disease impacts and to enhance and restore biodiversity, habitat and water quality through tree planting. No formal

match is required. The Department will use funds from other pending grants (e.g. state WDNR Urban Forestry) and private foundation (We Energies, ATC, Kohl Foundation and Argosy Foundation), secured vandalism restitution funds (Lion's Den Gorge Nature Preserve) and in-kind staff time, equipment and materials to meet leveraged matching. Total funding requested under this grant is \$200,000 with a total project cost of \$240,579.

FISCAL IMPACT:

Balance Current Year: NONE

Next Year's Estimated Cost: NONE (\$200,000 Additional Revenue)

FUNDING SOURCE:

County Levy: X

Non-County Levy: X

Indicate source: USFS GLRI grant, pending private foundation grants (ATC grant, Argosy Foundation, We Energies, Kohl Foundation), WDNR Urban Forestry grant (pending), vandalism restitution funds (secured - LDGNP) and in-kind Department equipment, travel, contractual, and supplies/materials.

RECOMMENDED MOTION: Approve the submittal and acceptance of a grant by the Planning & Parks Department to the U.S. Forest Service - Great Lakes Restoration Initiative Forest Restoration grant program for native tree planting in the Ozaukee County Coastal Parks Project Area (Phase II).

ATTACHMENTS:

- Grant Application Summary_USFSGLRI_Coastal Parks PHII_Tree Planting_FinalATS02822 (PDF)
- P&P_Dept_2022_USFS_GLRI_RFA (PDF)
- P&P_Dept_2022_USFS_GLRI_Coastal Parks_Map (PDF)

GRANT APPLICATION SUMMARY

Project Name: Native Tree Planting in the Ozaukee County Coastal Parks Project Area - Phase II
Grant Name/Agency: USFS GLRI **CFDA/State ID:** 10.664
Department: Planning & Parks
Total Project Amount: \$240,579 **Grant Match Required:** 0%

Exp Acct.
Rev Acct.

Preparer: Tina Kroening
Approver: Andrew Struck

Strategy: (Linkages to other planning efforts)

- Great Lakes Restoration Action Plan III (Focus Area 2, P.9-14)
- Comprehensive Plan for Ozaukee County: 2035 (P. 318-326)
- POSP for Ozaukee County (P. 77-92, 111)

Project Scope and Expectations

- Native Tree Planting in the Ozaukee County Coastal Parks:
- Virmond County Park
- Lion's Den Gorge Nature Preserve
- Clay Bluffs Cedar Gorge Nature Preserve

Other Grants Supporting Project

- ATC Tree Program
- WDNR Urban Forestry
- We Energies Foundation

Status	Amount
Pending	\$2,500
Pending	\$19,500
Pending	\$3,000

Project Partners:

- Americorps NCCC, GLCCC, MCSC, WisCorps
- Ozaukee County Watershed Coalition (OCWC)
- Ozaukee Washington Land Trust

Project Landowner Upon Completion:

- Ozaukee County

GRANT EXPENSE	
Operational Expense	\$
Salaries & Benefits	\$54,714
Travel/Mileage	\$786
Contractual (Corps, etc)	\$75,000
Capital Expense	\$
Supplies (Trees)	\$69,500
TOTAL	\$200,000
% PROJECT	83%

GRANT/PROJECT MATCH	
Operational Match	\$
Travel/Mileage	\$378
Equipment Use	\$3,675
Supplies (Trees)	\$10,525
Contractual (Corps, Trees)	\$1,000
Other Grants	\$
ATC Tree Program	\$2,500
WDNR Urban Forestry	\$19,500
We Energies Foundation	\$3,000
TOTAL	\$40,579
% MATCH	17%

GRANT SUPPORTED STAFF	
Positon	\$
Conservation Biologist	
Senior Planner	
Program Asst II - Eco	
Department Interns	
TOTAL	\$0

DEPARTMENT REVENUES	
Department	\$
Salaries/Fringe Benefits	\$54,714
Travel/Mileage	\$786
Supplies (Trees)	\$69,500
Contractual (Corps, Etc)	\$75,000
TOTAL	\$200,000

Project Risks:

- Weather/site conditions
- Contractor availability
- Timelines
- Pending grant funding (low risk)
- Tree stock/supply availability

Comments

- Matching sources are pending or to be applied for
- Matching funds are likely sources & amounts
- Serve as match to other grants

Major Milestones

Major Milestones		Date
Award Notification		Apr-23
Contracts (Corps, Contractors, etc.)		Nov-25
Tree Planting Completed		Dec-25
Tree Planting Assessments/GPS/GIS		Apr-25
Duration:	2 Years	Extension: Request As Needed



**Fiscal Year 2022 USDA Forest Service
Great Lakes Restoration Initiative (GLRI)
Forest Restoration Request for Applications**
Applications due by 6:00 p.m. Eastern, November 14, 2022

Background and Purpose

The interagency Great Lakes Restoration Initiative (GLRI) targets improvements to address the most significant environmental problems within the Great Lakes Basin. Through an agreement with the Environmental Protection Agency (EPA), the U.S. Department of Agriculture, Forest Service (Forest Service) anticipates receiving funds to support competitive projects that implement strategic, priority actions within Forest Service authorities to restore, protect, and maintain the Great Lakes ecosystem. Successful projects will implement reforestation and other forest restoration activities to address invasive species, nonpoint source pollution impacts on nearshore health, and habitat restoration in coastal and riparian areas. Anticipated funds will be distributed across three specific Program Areas described below. Award of grants is contingent on allocation of EPA funding.

Program Area and Description	Anticipated Funding	GLRI Focus Areas
1. Mitigate Forest Insect and Disease Impacts – Implement targeted reforestation and forest protection actions to minimize invasive forest insect and disease impacts on watersheds.	\$1,350,000	Invasive Species
2. Reduce Runoff from Degraded Sites through Green Infrastructure – Capture or treat stormwater runoff by planting trees and other vegetation as an integral component of green infrastructure.	\$1,800,000	Nonpoint Source Pollution Impacts on Nearshore Health
3. Restore and Connect Coastal and Riparian Forest Habitats – Protect, restore, and enhance high-quality coastal zone and connecting riparian ecosystems where trees are an important component.	\$1,000,000	Habitats and Species

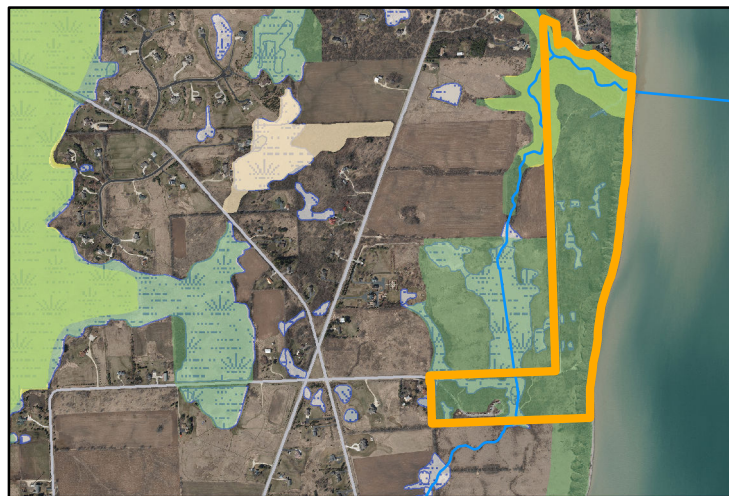
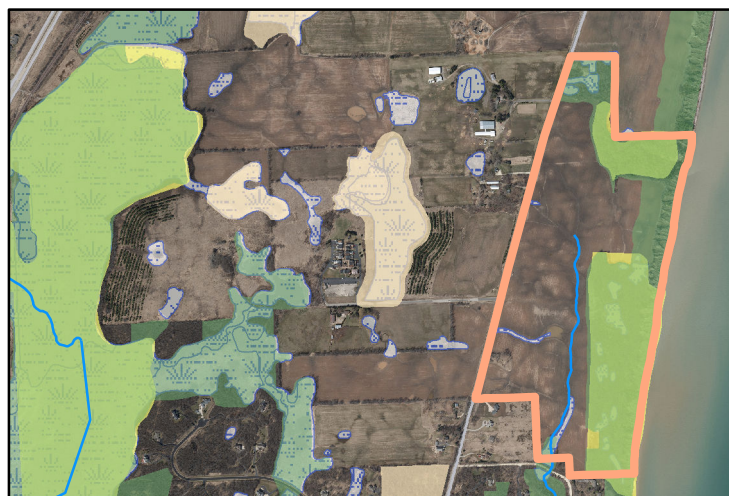
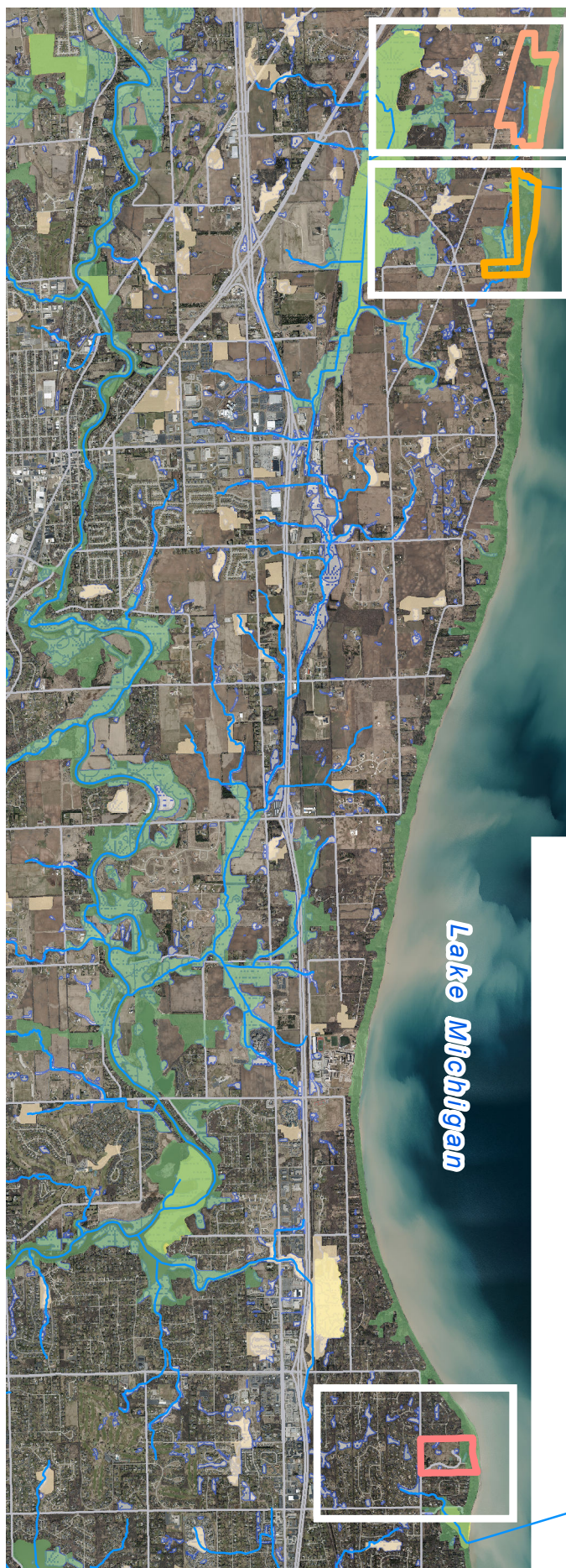
Eligibility

State agencies, Tribal communities, nonprofit organizations, educational institutions, and local governments are eligible for GLRI funding in all Program Areas. Projects must be located within the Great Lakes Basin of Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio, Pennsylvania, and New York. **Eligible applicants are encouraged to consult with their appropriate State Forester, Tribal administrator (for federally recognized Tribes), or Forest Supervisor (for work near National Forests) to develop and submit applications.**

The Great Lakes watershed is defined as those areas within the United States that currently or historically drain into Lake Superior, Lake Michigan, Lake Huron, Lake Erie, or Lake Ontario, or drain into the St. Lawrence River west of where the International Boundary line leaves the river. A map of the basin is in [appendix A](#), and a list of eligible counties either wholly or partially in the Great Lakes watershed is in [appendix B](#).

To be successful, applications must conform to the authorities of the [Cooperative Forestry Assistance Act of 1978](#) (as amended), specifically Sections 3. Rural Forestry Assistance, 5. Forest Stewardship, 8. Forest Health Protection, or 9. Urban and Community Forestry Assistance.

Ozaukee County Coastal Parks Project Area



Legend

- Lion's Den Gorge Nature Preserve
- Virmond Park
- Clay Bluffs Cedar Gorge Nature Preserve
- Isolated Natural Resource Area
- Primary Environmental Corridor
- Natural Areas
- Hydroline
- Wetlands



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Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: November 3, 2022
DEPARTMENT: Planning and Parks
DIRECTOR: Andrew Struck
PREPARER: Andrew Struck

Agenda Summary Submittal and Acceptance of a National Oceanic Atmospheric Administration Grant for Automated Fish Identification and Counting at the Milwaukee River Mequon Thiensville Dam Fishway

BACKGROUND INFORMATION: The Ozaukee County - Planning and Parks Department (Department) proposes submitting a grant application to the National Oceanic Atmospheric Administration (NOAA) Ocean Technology Transition Project (OTTP) Funding Opportunity, in partnership with the Village of Thiensville (Village) and City of Mequon (City). This grant will support development of an automated fish identification and counting system using deep learning at the nature-like fishway (fishway) located at the Milwaukee River Mequon Thiensville Dam. The fishway has proven successful in passing many species of fish since its construction in 2010. To date, over 37 species of fish and several species of wildlife have been documented passing through the fishway. This monitoring is enabled by a submerged camera optical system which records the passage of any moving object through the fishway exit, including both fish, animals and debris. A live video stream of the underwater camera is hosted by the Department's server and website and the footage is also recorded via DVR. Periodic monitoring is conducted in order to derive counts of the various fish species that pass through the system to validate the effectiveness of the fishway, with focus given to endangered/threatened species, species of special concern or local conservation interest, aquatic invasive species, and gamefish. However, this monitoring requires manual viewing of archived footage and this process is time intensive, subject to human error, and unrealistic as a means of achieving the high data reliability needed to derive long term operational conclusions regarding the fish passage system effectiveness. This project proposes the development of a new system that will apply advance deep learning techniques to automatically detect, identify, and count fish species populations by using the continuous stream of data from the submerged camera to improve upon state of the art fish passage monitoring solutions for applicability to a variety of fish passage systems. Specifically, the Department will partner with the Village of Thiensville, City of Mequon, and the Southwest Research Institute, an independent nonprofit organization that has extensive experience in deep learning and automated object detection and classification projects, for project implementation. After testing and validation, the technology can be shared with other natural resource managers as part of open source public data sharing. The Department is collaborating with the Great Lakes Observing System on this project. This project is supported by the following County plans: the County [Park and Open Space Plan](https://www.co.ozaukee.wi.us/645/Park-Open-Space) <<https://www.co.ozaukee.wi.us/645/Park-Open-Space>> <<https://www.co.ozaukee.wi.us/645/Park-Open-Space>> (pages 12, 20, 29, 106-108, 115-116), 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>> (pages 100, 103, 104, 107, 276), and the Land and Water Resource

Management Plan for Ozaukee County 2021-2030

<https://www.sewrpc.org/SEWRPCFiles/Environment/LandWaterResourceManagementPla/capr-338-OZ-County-Land-and-Water-Resource-Management-Draft.pdf> (pages 26, 27, 128, 136-141, 199, 243-247) relating to critical species habitats, identification and removal of fish passage impediments and use of the Fish and Wildlife GIS Tool to prioritize aquatic connectivity and habitat restoration and preservation projects. This project is also supported by the Great Lakes Observing System (GLOS) Common Strategy for Smart Great Lakes <https://glos.org/wp-content/uploads/2021/10/SGLi-Common-Strategy-for-Smart-Great-Lakes.pdf> (pages 17, 19 - 20, 24), [Great Lakes Restoration Initiative Action Plan III](https://www.epa.gov/sites/production/files/2019-10/documents/glri-action-plan-3-201910-30pp.pdf) <https://www.epa.gov/sites/production/files/2019-10/documents/glri-action-plan-3-201910-30pp.pdf> (pages 6, 21-24), the [US Fish and Wildlife Service Midwest Region Coastal Program Strategic Work Plan 2017 - 2021](https://www.fws.gov/midwest/es/coastal/index.html) <https://www.fws.gov/midwest/es/coastal/index.html> <https://www.fws.gov/midwest/es/coastal/index.html> (pages 9, 17 -18), and the [WDNR Lake Sturgeon Management Plan](https://p.widencdn.net/tc3jdk/Sturgeon_SturgeonManagementPlan2019) https://p.widencdn.net/tc3jdk/Sturgeon_SturgeonManagementPlan2019 (pages 27, 41, 55).

The Ozaukee County Natural Resources Committee previously approved a similar grant application to the US Department of Energy at its November 2, 2017 meeting.

ANALYSIS: Full proposals for the NOAA OTTP funding opportunity are due in January 2023. The application guidance confirms eligibility of projects related to product development and data management technologies for the ocean, coastal and Great Lakes. No matching funds are required and grant funding would support Department staff time. Total funding requested under this grant is \$550,000.

FISCAL IMPACT:

Balance Current Year: NONE

Next Year's Estimated Cost: NONE (Additional Program Revenue of \$550,000)

FUNDING SOURCE:

County Levy: Non-County Levy: X Indicate source: NOAA OTTP grant

RECOMMENDED MOTION: Approve the submittal and acceptance of a grant by the Planning and Parks Department to the National Oceanic Atmospheric Administration Ocean Technology Transition Project for Automated Fish Identification and Counting at the Milwaukee River Mequon Thiensville Dam Fishway.

ATTACHMENTS:

- Grant Application Summary_NOAA OTTP_MTFishwayCountingID_ATSFinal102722 (PDF)
- P&P_Dept_NOAA_OTTP_RFA (PDF)
- P&P_Dept_MTFishwayMap (PDF)

GRANT APPLICATION SUMMARY

Project Name: Automated Fish Identification and Counting at the Milwaukee River Mequon Thiensville Dam
Grant Name/Agency: NOAA **CFDA/State ID:**
Department: Planning and Parks
Total Project Amount: \$550,000 **Grant Match Required:** 0%

Exp Acct.
Rev Acct.

Preparer: Matt Aho
Approver: Andrew Struck

Strategy: (Linkages to other planning efforts)

- POSP for Ozaukee County (P. 12, 20, 29, 106-108, 115-116)
- Comprehensive Plan for Ozaukee County: 2035 (P. 100, 103, 104, 107, 276)
- Ozaukee County Land and Water Resource Management Plan (P. 26, 27, 128, 136-141, 199, 243-247)
- Great Lakes Restoration Initiative Action Plan III (P. 6, 21-24)
- GLOS Common Strategy for Smart Great Lakes (P. 17, 19 - 20, 24)

Project Scope and Expectations

- Develop deep learning software for target fish species
- Implement software at Mequon Thiensville Fishway
- Validate and refine accuracy after implementation
- Provide software as open source public data share

Other Grants Supporting Project

Status	Amount
	\$0
	\$0
	\$0
	\$0

Project Partners:

- Southwest Research Institute (SwRI)
- Great Lakes Observation System (GLOS)
- City of Mequon / Village of Thiensville
- NOAA OTTP

Project Landowner Upon Completion:

- Village of Thiensville, City of Mequon, Ozaukee County

GRANT EXPENSE

Operational Expense	\$
Salaries & Benefits	\$50,000
Capital Expense	\$
Contractual (SwRI)	\$500,000
TOTAL	\$550,000
% PROJECT	100%

GRANT/PROJECT MATCH

Operational Match	\$
Other Grants	\$
TOTAL	\$0
% MATCH	0%

GRANT SUPPORTED STAFF

Positon	\$
Program Manager	
Program Assistant II	
Conservation Biologist	
Natural Resource Tech.	
Department Interns	
TOTAL	\$0

DEPARTMENT REVENUES

Department	\$
Salaries & Benefits	\$50,000
TOTAL	\$50,000

Project Risks:

- Existing data set completeness for software development
- Implementation/site challenges
- Validation uncertainty

Comments

- Continuation of ongoing assessments/plans
- Serve as match to other grants
- Transferrable to other project sites
- Overall total project costs ~ \$550,000

Major Milestones

Major Milestones		Date
Full Applications Due		Jan-23
Smart Learning Software Development		Dec-24
Software Deployment & Testing		Apr-25
Validation and Data Opensharing		Dec-25
Duration:	36 months	Extension: NA

National Oceanic and Atmospheric Administration (NOAA) US IOOS FY 2023 Ocean Technology Transition (OTT) Funding Opportunity

Funding Opportunity Description: The U.S. Integrated Ocean Observing System (IOOS®) is soliciting proposals for the transition to operations of sensors, data management, and other technical capabilities that will improve our ability to monitor and forecast environmental conditions with greater efficiency. The primary objective of IOOS' Ocean Technology Transition Project (OTT) is to enhance the successful transition of ocean observing, product development and data management technologies for the ocean, coastal and Great Lakes. This is accomplished by investing in the transition of emerging and promising marine and Great Lakes observing technological capabilities from the mid to latter phases of research into operational status. One specific area of interest are HAB sensors and sensor platforms including deployment of sensors on new platforms.

In FY 2023-2024, it is estimated that up to \$7.5 million/year will be available. Awards are for up to \$400,000/year for up to three years. Multiple awards are anticipated, subject to availability of funds. More info about the U.S. IOOS Ocean Technology Transition Program are at:

<https://ioos.noaa.gov/project/ocean-technologytransition/>

The FFO and other related information can be obtained by searching on the opportunity number in grants.gov via this link: [NOAA-NOS-IOOS-2023-2007492](https://grants.gov/search/grants/?term=NOAA-NOS-IOOS-2023-2007492).

Mequon-Thiensville Dam Fishway



Attachment: P&P_Dept_MTFishwayMap (P&PDept_SubmitAccept_NOAA_AutoFishID_MTFishway)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: November 3, 2022
DEPARTMENT: Planning and Parks
DIRECTOR: Andrew Struck
PREPARER: Andrew Struck

Agenda Summary Submittal and Acceptance of a Wisconsin Coastal Management Program Grant for Public Access Improvements and Wetland Restoration at Clay Bluffs Cedar Gorge Nature Preserve

BACKGROUND INFORMATION: The Ozaukee County - Planning and Parks Department (Department) was invited to submit a grant application to the Wisconsin Coastal Management Program (WCMP) to fund County activities to improve public access and begin habitat restoration activities at Clay Bluffs Cedar Gorge Nature Preserve County Park (Nature Preserve). The Department and the Ozaukee Washington Land Trust recently acquired the 134-acre Clay Bluffs 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 both throughout the new park and to Lake Michigan. In addition, public access improvements and habitat restoration projects reflect long-term goals and requirements of several of the acquisition grants. A WCMP Coastal Resiliency grant was awarded in 2020 to support development of a Master Plan for the Nature Preserve. The master plan addresses appropriate conservation and native restoration of the existing marginal farmland to prairie/grassland, forest (e.g., coastal lake forest) and wetlands, Lake Michigan bluff erosion and stability, management of invasive species, passive recreational use and access to Lake Michigan, and enhancement and restoration of the existing coastal forest and wetland habitat. WCMP and matching funding would support design and construction of a public paved parking lot, a pedestrian trail loop with boardwalks, and wetland and native prairie restoration adjacent to the new parking lot on the southern portion of the Nature Preserve. This project is supported by the following plans: the County [Park and Open Space Plan](https://www.co.ozaukee.wi.us/DocumentCenter/View/729/Park-and-Open-Space-Plan-for-Ozaukee-County-3rd-Edition?bidId=) <<https://www.co.ozaukee.wi.us/DocumentCenter/View/729/Park-and-Open-Space-Plan-for-Ozaukee-County-3rd-Edition?bidId=>> related to the importance of wetlands and restoration and public access to rivers, streams and lakes and trail projects (p. 12, 18, 74, 99, 108), the [Comprehensive Plan for Ozaukee County: 2035](http://www.sewrpc.org/SEWRPCFiles/Publications/CAPR/capr-285-comp-plan-for-ozaukee-co.pdf) <<http://www.sewrpc.org/SEWRPCFiles/Publications/CAPR/capr-285-comp-plan-for-ozaukee-co.pdf>> <<http://www.sewrpc.org/SEWRPCFiles/Publications/CAPR/capr-285-comp-plan-for-ozaukee-co.pdf>> related to stormwater management, wetlands and surface water quality, and public access to rivers, streams and lakes (p. 77, 176, 277, 278-284, 452, 456), the County Strategic Plan 2020-2024 <<https://www.co.ozaukee.wi.us/DocumentCenter/View/14493/Ozaukee-County-Strategic-Plan-2020-24>> (p. 13) related to the enhance quality of life assets strategic goal, the Land and Water Resource Management Plan for Ozaukee County 2021-2030 <<https://www.sewrpc.org/SEWRPCFiles/Environment/LandWaterResourceManagementPla/capr-338-OZ-County-Land-and-Water-Resource-Management-Draft.pdf>> (pages 11, 103, 143, 195), to promote and implement wetland preservation and restoration and stormwater management practices and the draft of the Clay Bluffs Cedar Gorge Nature Preserve County Park Master Plan.

ANALYSIS: The WCMP grant request is \$166,700. A 60% match (\$250,000) is required, which will be provided from pending Ozaukee County CIP funds (\$181,000), a pending Wisconsin Department of Natural Resources (WDNR) County Conservation Aids (CCA) grant (\$3,000), a pending Wisconsin Energies Foundation (WEF) grant (\$3,000), a pending American Transmission Company grant (\$5,000), and in-kind Department staff time, materials and supplies (\$58,000) for a total project cost of approximately \$416,700.

FISCAL IMPACT:

Balance Current Year: NONE

Next Year's Estimated Cost: \$181,000 (Additional Program Revenue \$166,700)

FUNDING SOURCE:

County Levy: X

Non-County Levy: X

Indicate source: Ozaukee County CIP Request, pending WCMP, WDNR CCA, WEF, and ATC grants and in-kind contractual budget and in-kind County staff time, materials and supplies

RECOMMENDED MOTION: Approve the submittal and acceptance of a grant by the Planning and Parks Department to the Wisconsin Coastal Management Program for public access improvements and wetland restoration at Clay Bluffs Cedar Gorge Nature Preserve County Park.

ATTACHMENTS:

- Grant Application
Summary_11032022_WCMP_CBCGNPImprovements_ATSFinal102722 (PDF)
- P&P_Dept_WCMP_RFP-Cover-Memo-2023-24 (PDF)
- CBCGNP_ConceptualSitePlan_10.28.22 (PDF)

GRANT APPLICATION SUMMARY

Project Name:	Public Access Improvements and Wetland Restoration at CBCGNP		
Grant Name/Agency:	Wisconsin Coastal Management Program	CFDA/State ID:	
Department:	Planning & Parks		
Total Project Amount:	\$416,700	Grant Match Required:	

Exp Acct.
Rev Acct.

Preparer: Matt Aho
Approver: Andrew Struck

Strategy: (Linkages to other planning efforts)

- Comprehensive Plan for Ozaukee County: 2035 (P.77, 176, 277, 278-284, 452, 456)
- Ozaukee County Land and Water Resource Management Plan (P. 49, 89)
- Park and Open Space Plan for Ozaukee County (P. 12, 18, 74, 99, 108)
- Ozaukee County Strategic Plan 2020-2024 (P. 11, 103, 143, 195)
- Draft Master Plan for Clay Bluffs Cedar Gorge Nature Preserve County Park

Project Scope and Expectations

- Parking lot construction
- Wetland restoration
- Trail and boardwalk construction
- Native prairie restoration
- Public access and Nature Preserve improvements

Other Grants Supporting Project

	Status	Amount
▪ WDNR CCA	Pending	\$3,000
▪ WEF	Pending	\$3,000
▪ ATC	Pending	\$5,000
▪ Ozaukee County CIP	Pending	\$181,000

Project Partners:

- WCMP
- WDNR CCA, WEF, ATC
- OWLT

Project Landowner Upon Completion:

- Ozaukee County

GRANT EXPENSE	
Operational Expense	\$
Capital Expense	\$
Contractual	\$166,700
TOTAL	\$166,700
% PROJECT	40%

GRANT/PROJECT MATCH	
Operational Match	\$
Personnel & FB	\$16,000
Trail and Boardwalks	\$28,000
Public Access Amenities	\$10,000
Equipment	\$1,500
Contractual (E&D)	\$2,500
Other Grants	\$
WDNR CCA	\$3,000
WEF	\$3,000
ATC	\$5,000
Ozaukee County CIP	\$181,000
TOTAL	\$250,000
% MATCH	60%

[illegible]

DEPARTMENT REVENUES	
Department	\$
Contractual (HWY)	\$166,700
TOTAL	\$166,700

Project Risks: ▪ Weather/site conditions ▪ Contractor (HWY) availability ▪ Timelines ▪ Pending grant match funding	Comments ▪ Overall estimated costs without final E&D ▪ Serve as match for other grants ▪ Overall project costs ~ \$416,700
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Major Milestones			Date
Award Notification			Jan-23
Engineering and Design Plans			Sep-23
Construction and Restoration			Jun-24
Duration:	24 months	Extension:	NA



DEPARTMENT OF ADMINISTRATION

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

DATE: August 23, 2022
TO: Interested Parties
FROM: Mike Friis, Manager
Wisconsin Coastal Management Program
SUBJECT: 2023-24 Wisconsin Coastal Management Program Grants Available

The Wisconsin Coastal Management Program (WCMP) is seeking proposals to enhance, preserve, protect and restore resources within the state's coastal zone – all counties adjacent to Lakes Superior and Michigan, with their nearly 1000 miles of shoreline. We anticipate awarding up to \$1.6 million in grant funding.

WCMP Grants are available for coastal wetland protection and habitat restoration, nonpoint source pollution control, coastal resource and community planning, Great Lakes education, public access and historic preservation. **Applications are due November 4, 2022.**

Applicants are encouraged to contact WCMP staff early to discuss ideas for project proposals and application requirements.

When developing proposals, please pay close attention to the following items:

- Application materials and the Request for Proposals are available on the WCMP website (<http://coastal.wisconsin.gov>).
- There is a cost-share requirement for all projects. Matching funds must be from non-federal sources, and may be in the form of in-kind contributions.
- For habitat restoration and construction projects, be sure to include copies of all required permits or permit applications and title documentation with the application materials.
- For all projects, be sure to include copies of required documentation and letters of support.

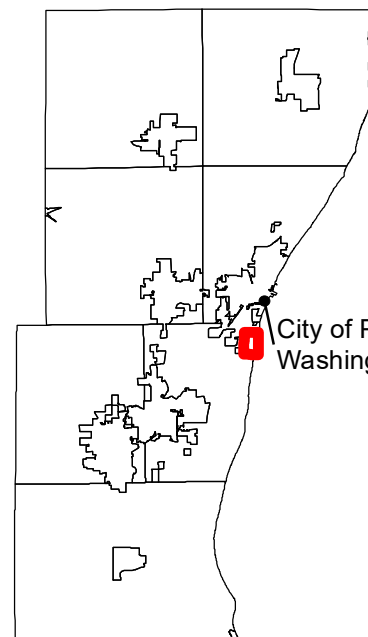
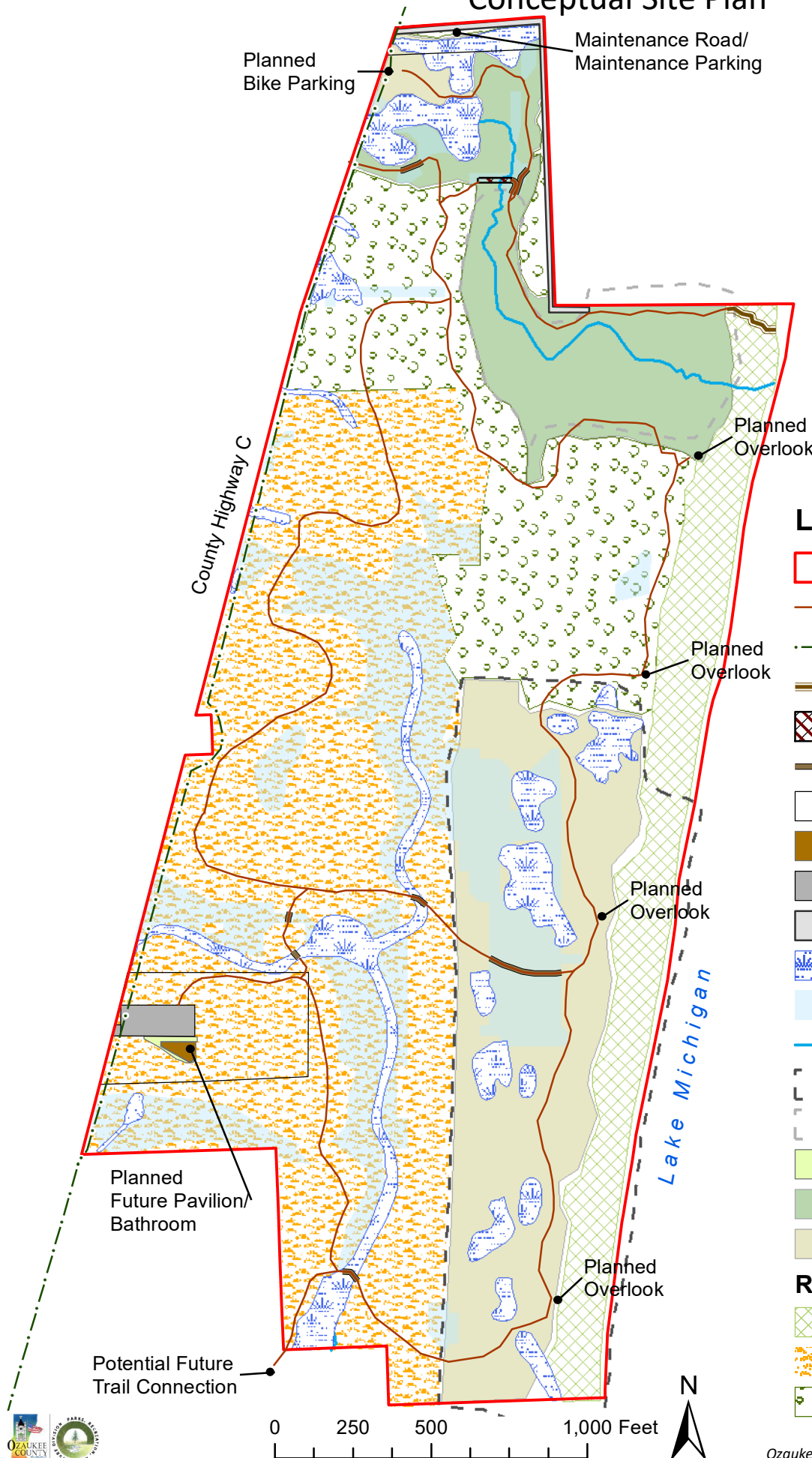
WCMP staff will host a live webinar on September 9, 2022. A recorded presentation will be made available and posted at <http://coastal.wisconsin.gov>. For more information please contact staff at coastal@wisconsin.gov.

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

8.a.4.c

Conceptual Site Plan

Ozaukee County, Wisconsin



Legend

- Nature Preserve
 - Walking Trail
 - Planned Multi-Use Trail (Paved)
 - Staircase to Lake Michigan
 - Bridge
 - Boardwalks
 - Not Encumbered
 - Pavilion/Bathroom
 - Parking (Paved)
 - Maintenance Road
 - Wetland (WWI, 2019)
 - Potentially Restorable Wetland
 - Hydroline
 - Port Washington Clay Banks
 - Cedar Gorge NA
 - Native Landscaping
 - Existing Forest
 - Existing Shrub-Carr/Forest
- ### Restoration Areas
- Clay Seepage Bluff
 - Prairie/Wet Prairie
 - Woodland

Attachment: CBCGNP_ConceptualSitePlan_10.28.22 (P&PDept_SubmitAccept_WCMPGrant_CBCGNP_PublicAccess&Restoration)

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: November 3, 2022
DEPARTMENT: Planning and Parks
DIRECTOR: Andrew Struck
PREPARER: Andrew Struck

Agenda Summary Bid and Contract for the Hawthorne Hills Golf Course Clubhouse Roof Replacement

BACKGROUND INFORMATION: The Ozaukee County Planning and Parks Department has completed the public bidding for a replacement metal roof at the Hawthorne Hills Golf Course Clubhouse. The current roof is leaking and showing signs of significant deterioration. This project will include removal and disposal of existing shingles and debris, replacement of any rotten wood or fascia, installation of new flashing, ice and water shield, gutters, downspouts, gutter apron, drip edge, valley and pipe flashing, vents and baffles, wrapping soffit and fascia with aluminum, and installation of metal concealed fastener roofing. A metal roof replacement is consistent with several recent roof replacement projects in the Ozaukee County Park System.

ANALYSIS: An advertisement for bids was published October 13 and 20, 2022 and the bid documents were located on the Ozaukee County bid posting webpage: <https://www.co.ozaukee.wi.us/Bids.aspx>. One bid was publicly opened and read aloud on October 24, 2022, and a second bid was received on October 25, 2022 after the formal bid due date. Bid amounts ranged from \$104,299 to \$118,050 (see attached bid tab). Staff recommends awarding the construction bid to Paul Crandall & Associates, Inc. based on a review of qualifications, prior and ongoing work (e.g., Lion's Den Gorge Nature Preserve and Covered Bridge Park Bathroom Pavilions), complete bid submittal, and price (lowest responsible and responsive bidder). The Paul Crandall & Associates, Inc. bid is \$104,299 and staff recommends a 15% contingency (\$15,644) to cover any potential change orders and associated costs for a not to exceed sum of \$119,943. Revenue for this project will come from the Golf Course Enterprise Fund. The contract for this project is a standard Ozaukee County contract for public bidding.

FISCAL IMPACT:

Balance Current Year: \$59,971

Next Year's Estimated Cost: \$59,972

FUNDING SOURCE:

County Levy:

Non-County Levy: X

Indicate source: Golf Course Enterprise Fund

RECOMMENDED MOTION: Accept the bid from Paul Crandall & Associates, Inc., and

approve the contractual services contract, contingent upon Corporation Counsel approval, with Paul Crandall & Associates, Inc., for a not to exceed sum of \$119,943, which includes a 15% contingency to cover any potential change orders, for the Hawthorne Hills Golf Course Clubhouse Roof Replacement project.

ATTACHMENTS:

- P&P_Dept_HHGC Roof Replacements Planholders List (PDF)
- P&P_Dept_HHGC Roof Replacements Bid Tab 10.27.22 (PDF)

Hawthorne Hills Golf Course Roof Replacement Planholders List - 10/24/22			
Company Name	Contact Name	Phone Number	Email Address
North America Procurement Council, Inc. PBC	Baishali	302-450-1923	bids@napc.me
Bid Ocean, Inc	Eric Johnson	970-237-4411	sourcemanagement@napc.me
north american procurement council	eric	302-450-1923	bids@napc.me
Builders Exchange of WI	Amy Harper	920-687-8782	Editor@bxwi.com
Corporate Contractors Inc	Brenton Benedict	815-540-7085	Brenton.Benedict@cciwi.com
Dodge Data & Analytics	Adam Bouman	513-666-3354	dodge.bidding@construction.com
Dodge Construction Network	John Doroy	(844) 326-3826	john.doroy@construction.com
Wausau Builders Exchange	Cindy Baumann	(715) 843-4919	planroom@wausaubex.com
La crosse builders exchange	Tina E	(608) 781-1819	planroom@laxbx.com
Paul Crandall & Associates	Mike Volkert	262-375-3505	commercialmgr@pcaroofing.net
La Crosse Area Builders Exchange	Cheryl Walker	(608) 781-1819	Cheryl@laxbx.com
Paul Crandall & Associates, Inc	Paul Crandall	(262) 375-3505	customerservice@pcaroofing.net
Dodge Data & Analytics	jayalakshmi jayalakshn	(413) 376-7032	jayalakshmi@construction.com

Hawthorne Hills Golf Course Clubhouse Roof Replacement Bid Tab - 10/24/2022	
Contractor Name	Total
<i>Paul Crandall & Associates, Inc.</i>	\$104,299
<i>Ramz General Construction, LLC*</i>	\$118,050

*Bid submitted after formal due date

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: November 3, 2022
DEPARTMENT: Planning and Parks
DIRECTOR: Andrew Struck
PREPARER: Andrew Struck

Agenda Summary Bid and Contract for the Hawthorne Hills County Park Water Well for Multipurpose Parks Maintenance Building

BACKGROUND INFORMATION: The Planning and Parks Department solicited proposals from multiple well drilling companies in September 2022 for a new drinking water well at the Hawthorne Hills County Park Multipurpose Parks Maintenance Building, and received a single proposal. The proposal amount was significantly over the \$25,000 public bidding threshold and previous estimates for the well construction. Thus, Department staff published a Class II public notice and advertisement for bids on October 13 and October 20, 2022 for well drilling, piping, electric work, connection to the building, interior work, the well pump, and permitting support. The new well is part of the Capital Improvement Project for the Maintenance Building approved by the Ozaukee County Board of Supervisors on March 17, 2021 by Resolution 20-84 (Ayes - 20, Nays - 3, Abstain - 1, Absent - 2) and on April 7, 2021 by Resolution 20-88 (Ayes - 20, Nays - 4, Absent - 2).

ANALYSIS: One bid from Complete Water Inc. was publicly opened and read aloud on October 24, 2022. The bid represents a combination of lump sum and per unit costs for various project elements (see attached bid tab). Final costs may be significantly reduced based on overall well drilling depth, well capacity, and pump size requirements which will not be known until the well drilling is complete. Department staff has compared the Complete Water Inc. base bid and per unit cost amounts with the proposal costs received in September 2022, and finds the Complete Water Inc. bid amounts to be competitive or lower. Staff recommends awarding a contract to Complete Water Inc. based on a review of scope of work, complete and accurate bid submittal, and price. The Complete Water Inc. total bid amount was \$72,672 and staff recommends adding an approximate 15% contingency (\$10,900) to cover any potential change orders for a not to exceed sum of \$83,572. The proposal and bid amounts for the water well were significantly greater than original estimated costs. Current total project expenses including construction, engineering and design, and professional services are at the original NRC building contract approval amount (including contingency). Revenue to cover this project element expense (well construction) would come from the Golf Course Enterprise Fund; therefore, resulting in a total approximate \$300,000 Enterprise Fund contribution. The contract for this project is a standard Ozaukee County contract for public bidding and was located on the Ozaukee County bid posting webpage: <https://www.co.ozaukee.wi.us/Bids.aspx>.

FISCAL IMPACT:

Balance Current Year: \$0

Next Year's Estimated Cost: \$83,528

FUNDING SOURCE:

County Levy:

Non-County Levy: X

Indicate source: Golf Course Enterprise Fund (part of contribution to overall Capital Project)

RECOMMENDED MOTION: Accept the bid from Complete Water Inc. and approve a contractual services contract, contingent upon Corporation Counsel approval, with Complete Water Inc. for a not to exceed sum of \$83,572, which includes an approximate 15% contingency to cover any potential change orders, for constructing and installing a drinking water well at the new Hawthorne Hills County Park Multipurpose Parks Maintenance Building.

ATTACHMENTS:

- P&P_Dept_HH Well Drilling Planholders List 10.24.22 (PDF)
- P&P_Dept_HH Well Drilling Bid Tab 10.24.22 (PDF)

Hawthorne Hills County Park – Drinking Water Well for Multipurpose Parks Maintenance Building

10/24/2022 Planholders List

Company Name	Contact Name	Phone Number	Email Address
Doctor Asphalt, LLC	Lisa Showers	(608) 622-0776	lisa@doctorasphaltllc.com
Builders Exchange of WI	Amy Harper	920 687-8782	Editor@bxwi.com
Municipal Well and Pump	Brian Brodersen	(920) 324-3400	bbrodersen@municipalwellandpump.com
Remington Well and Pump Service, LLC	JEFF GASSENUBER	(414) 399-0313	Service@remingtonwell.com
North America Procurement Council, Inc. PBC	Baishali	302 450-1923	bids@napc.me
North America Procurement Council, Inc. PBC	sarmila	(302) 450-1923	bids@napc.me
Entram Corp	Jen Barnes	888-888-0900	contact@envirobidnet.com
Dodge	Data	(877) 784-9556	Dodge.Data@construction.com
North America Procurement Council PBC	Eric Johnson	302 450-1923	bids@napc.me
Wausau Builders Exchange	Cindy B	715 843-4919	planroom@wausaubex.com
La crosse builders exchange	Tina E	(608) 781-1819	planroom@laxbx.com
Dodge Construction Network	John Doroy	(844) 326-3826	john.doroy@construction.com
Complete Water Inc	Nick Holz	920 447-2930	nick@completewaterinc.com
La Crosse Area Builders Exchange	Cheryl Walker	(608) 781-1819	Cheryl@laxbx.com
Sam's Well Drilling	Stu Kok	920 210-3474	stuk@samswelldrilling.com
Sam's Well Drilling	Jake Redeker	(920) 326-5193	jaker@samswelldrilling.com
J.H. Hassinger, Inc.	Mike Kirsch	(262) 252-4701	mike.kirsch@jhhassinger.com
Complete Water Inc	Nick Holz	920 447-2930	nick@completewaterinc.com

Hawthorne Hills County Park – Drinking Water Well for Multipurpose Parks Maintenance Building						
10/24/22 Bid Tab			Single Bid - Complete Water Inc.			
Item #	Item	Unit	Cost			
1	Mobilization	Lump Sum	\$1,500			
2	Connection through existing foundation wall	Lump Sum	\$8,344			
3	Well pump	Lump Sum	\$29,700			
4	Grout set up charge	Lump Sum	\$800			
5	Interior connections	Lump Sum	\$15,210			
6	Bacteria/nitrate water samples	Lump Sum	\$200			
7	Permitting support	Lump Sum	\$1,000			
	Items 1 - 7 Subtotal	Lump Sum	\$56,754			
Item #	Item	Unit	Unit Cost	Est. #	Units	Total Est. Cost
8	Upper Drilling	Per foot	\$28		147	\$4,116
9	Lower Drilling	Per foot	\$28		160	\$4,480
10	Casing	Per foot	\$38		149	\$5,662
11	Bags of Cement	Per bag	\$40		34	\$1,360
12	Bags of Bentonite	Per bag	\$12		25	\$300
Total Estimated Project Cost						\$72,672

Natural Resources Committee

AGENDA INFORMATION SHEET

AGENDA DATE: November 3, 2022
DEPARTMENT: Planning and Parks
DIRECTOR: Andrew Struck
PREPARER: Andrew Struck

Agenda Summary Contract for Professional Services for a Feasibility Analysis for Design and Engineering Services for Fish and Wildlife Aquatic Habitat Enhancements on the Little Menomonee River Corridor

BACKGROUND INFORMATION: The Ozaukee County Planning and Parks Department (Department) has solicited proposals from consultants to provide a feasibility analysis for design and engineering services for fish and wildlife aquatic habitat enhancements on the Little Menomonee River Corridor (LMRC). 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. This feasibility analysis will provide location recommendations to complete full design and engineering under a subsequent phase and contract.

ANALYSIS: The WDNR grants have tight timelines to meet critical goals and deadlines. The Department issued an RFP for qualification based proposals on September 20, 2022 and solicited proposals from 12 consulting firms, and received four proposals by the October 26, 2022 proposal deadline. 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. In addition, not all project elements as submitted were required in the RFP at this phase, as some of these items may be completed as part of full engineering and design under a subsequent phase or may not be necessary based on the results of this feasibility study. The attached bid tab includes a subtotal for general services (base bid) provided in each proposal along with supplemental, optional services amounts. Base bid service costs ranged from \$27,216 to \$108,626 and total proposal costs ranged from \$27,216 to \$152,156 (see attached proposal summary). The proposals were 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. The Inter-Fluve base bid and total services proposal amount is \$27,216 and staff recommends adding a 15% contingency (\$4,082) to the contract amount to cover optional items as needed for a total not to exceed sum of \$31,298. Project costs are within budget and will be funded from the existing WDNR MCP AOC grants.

FISCAL IMPACT:

Balance Current Year: \$10,000

Next Year's Estimated Cost: \$21,298

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 \$31,298, which includes a 15% contingency, for a feasibility analysis for design and engineering services for fish and wildlife aquatic habitat enhancements on the Little Menomonee River Corridor. 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 Feasability Analysis Proposal Summary (PDF)
- P&P_Dept_LMRC Map (PDF)

Feasibility Analysis for Design and Engineering Services - Little Menomonee River Corridor					Proposal Summary			
Consultant	Project Meetings and Coordination	Existing Conditions Assessments, Feasibility Planning	Feasibility Report	Subtotal	Topographic Field Data Collection	H&H Analysis	Sediment Loading Evaluation	Grand Total
Inter-Fluve*	\$6,856	\$5,416	\$14,944	\$27,216	N/A	N/A	Included	\$27,216
Fish Creek Restoration LLC	\$19,816	\$16,776	\$40,282	\$76,874	N/A	\$16,828	Included	\$93,702
EA Engineering, Science, and Technology, Inc., PBC	\$27,939	\$29,694	\$33,884	\$91,517	\$30,608	\$10,966	\$5,881	\$138,972
Stormwater Solutions Engineering LLC	\$23,154	\$35,820	\$49,652	\$108,626	\$28,000	\$15,530	N/A	\$152,156

* 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

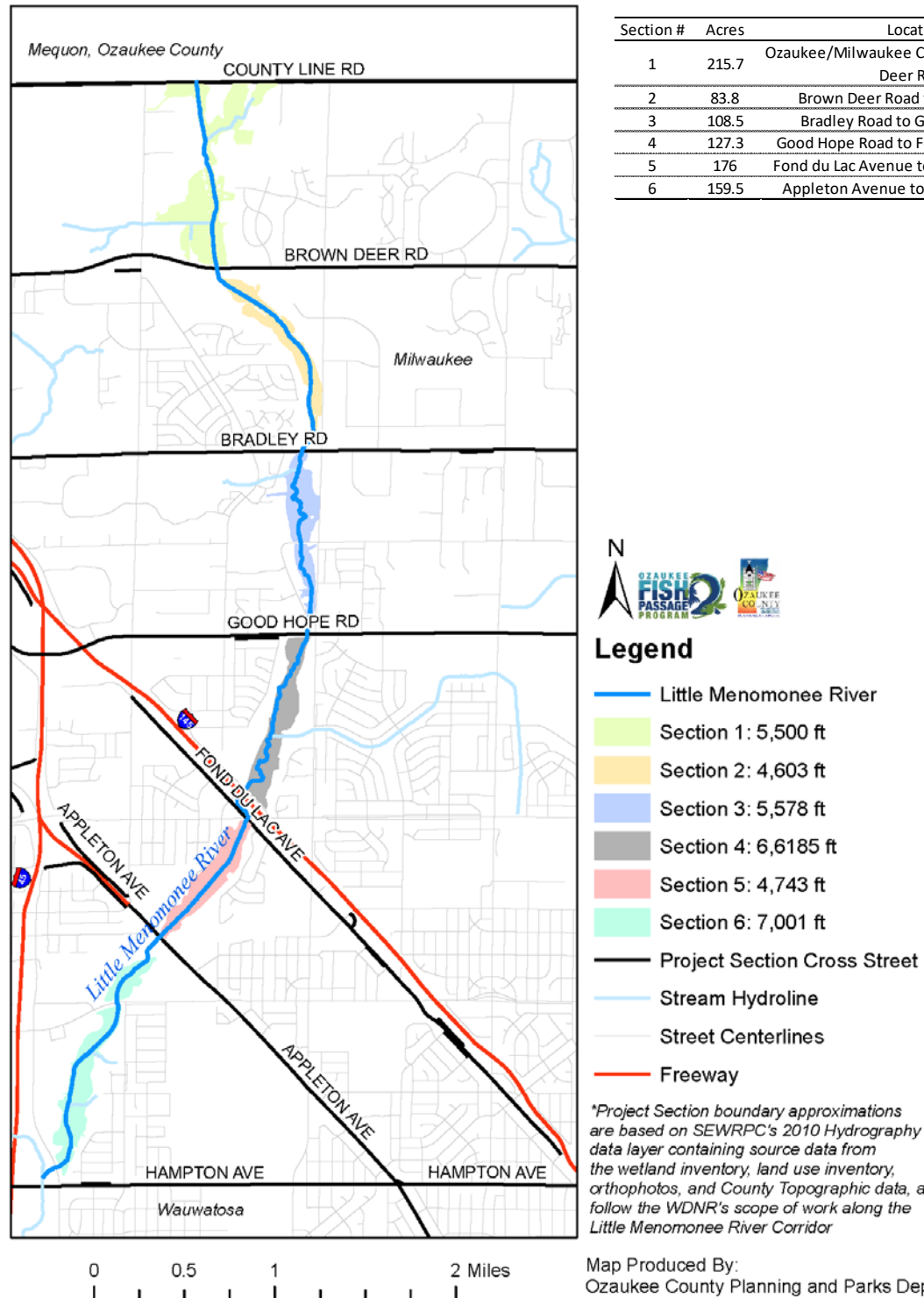
Short Elliot Hendrickson Inc.

Cardno

Stormwater Solutions Engineering LLC

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:	November 3, 2022
DEPARTMENT:	Planning and Parks
DIRECTOR:	Andrew Struck
PREPARER:	Andrew Struck

Agenda Summary Update on Planning and Parks Department Capital Projects and Ecological Division Grant Projects

ATTACHMENTS:

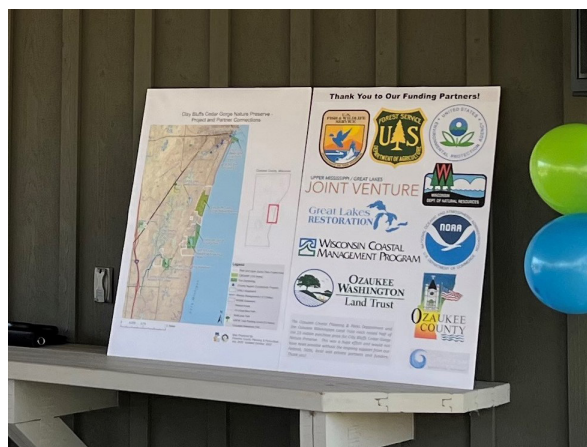
- Photo Collage for November NRC Meeting - CBCGNP Acquisition Celebration Event 2 (PDF)
- Photo Collage for November NRC Meeting - Eagle Scout Project at Hawthorne Hills (PDF)
- Photo Collage for November NRC Meeting - Virmond Caretaker Home Updates (PDF)
- Photo Collage for November NRC Meeting - WCMP Event at Virmond (PDF)



On October 20th, 2022 the Ozaukee County Planning and Parks Department hosted a public event to celebrate the acquisition and inclusion of Clay Bluffs Cedar Gorge Nature Preserve into the Ozaukee County Park System.

The celebration formally recognized the Department's federal, state, local and private funding partners who made the acquisition possible.







Eagle Scout Project by Grant Matthews

Trail and Woodshed Construction at Hawthorne
Hills County Park / H.H. Peters Youth Camp

October 2022





Virmond County Park

Caretaker's House
Remodel by Staff

October 2022

Attachment: Photo Collage for November NRC Meeting - Virmond Caretaker Home Updates



Ozaukee County Planning and Parks Department and the Collaborative Action for Lake Michigan (CALM) Coastal Resilience network (a project of the Wisconsin Coastal Management Program) hosted a field trip at Virmond County Park on October 18th, 2022.

Andrew Struck, Director, discussed the holistic planning approach being used to address impacts of groundwater, surface water, and lake water on the coastal bluffs and the unique Lake Michigan public access staircase being built at the park.





GOLF COURSES



8.c.1.a

GOLF COURSES — MEE-KWON PARK AND HAWTHORNE HILLS

- October (thru Oct 18th) revenue and rounds: \$100,934.63 and 3,152 rounds (2022) and \$129,101.24 and 4,240 rounds (2021) for both MKGC & HHGC. 2022 total revenue (YTD) \$2,394,558 and 69,413 rounds (\$34.50/person). 2021 total revenue (YTD) \$2,431,832 and 72,481 rounds (\$33.55/person). September fell just short of a record for both facilities, but was above the monthly five year average.
- The new Yamaha golf carts (finally) arrived. We will be using them thru the end of the year to assure there are no defects.
- The new Pair up and Play events have been well received. There were 86 players in the event held at HHGC.
- GC Maintenance staff and contractors have continued work on ash tree/invasive species removals and tree planting under the USFS & NFWF SOGL grants, particularly at HHGC. GC Maintenance Seasonal Staff wage range was increased.



ECOLOGICAL DIVISION



BIRD CONSERVATION / BIRD CITY WISCONSIN

Received 2022 renewal with High Flyer status. Ozaukee County was awarded "High Flyer" status for its Bird City Wisconsin (BCW) renewal in 2022. 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 and 9 new bluebird boxes at Virmond. Received additional bluebird boxes from WGLBBO. Coordinated with a UW Madison 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. 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 construction and restoration activities with HWY at Mineral Springs Creek in the City of Port Washington. Planning for additional construction activities and refinements at the Mequon-Thiensville Dam nature-like fishway w/ HWY and the Village of Thiensville. Significant completion of culvert replacement projects on Mole Creek in the Town of Saukville and Sucker Creek in the Town of Belgium with HWY.

Habitat Improvement Projects: Oversight and coordination of construction and restoration activities at the Little Menomonee River Corridor Ecosystem Restoration project with HWY. 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 issuing an RFP for a feasibility analysis and preliminary E&D) for aquatic habitat restoration activities on the Little Menomonee River in Milwaukee County. Continued construction and restoration activities with HWY at Mineral Springs Creek in the City of Port Washington. Project planning and landowner coordination for restoration work on Tendick Creek. Coordinated with HWY and the Village of Saukville for planning for habitat restoration in conjunction with the CTH W rehabilitation project in the Village of Saukville.

Environmental Monitoring: Continued analysis and reporting of fish, avian, wildlife, and water quality sampling data per QAPPs. Supplies and materials acquisition and project planning for 2023 monitoring activities. Water quality sampling analysis for the Little Menomonee River / Creek, Ulao and Mole Creeks. Water quality sampling for LMR/LMC (10/26-10/27) and Ulao & Mole Creeks (10/31-11/1). Coordination with SEWRPC for monitoring conductivity and chlorides on Ulao Creek. The underwater "fish cam" at MT Fishway has been re-installed following fishway construction. Continued larval fish trapping data analysis and reporting on project streams. New PIT tag reader coordination with WDNR at the 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, RPP, CCA), SEWISC & FFLM. Submitted multiple grant applications. QAPP & NEPA submittals and approvals for federally-funded projects. Coordinated w/ the AmeriCorps NCCC, WisCorps, MCSC & GLCCC on 2022 work, including managing the WisCorps (10/22-11/17). Coordinated w/ GLE regarding the GIS Fish & Wildlife Habitat Tool contracts. Coordinated w/ partners (MMSD, Riverkeeper, SEWRPC) on water quality monitoring. Coordinated w/ WGLBBO, LNR, City of Port Washington, We-Energies, HWY & WDNR regarding stream restoration on Mineral Springs Creek. 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 (), Fish & Wildlife Tech Team (), Project Managers (). Coordination w/ Hwy & Consultant on CTH W Project. SWWT Finance and Board Mtgs (6/13,6/21). Coordinate w/ DU/USFWS on EAGL NAWCA grant. Coordinated w/ raSmith & Fish Creek Restoration consultants on various FP projects. Coordinated/Mtg w/ the OCWC on Sucker Brook (). Coordinated w/ WDNR Fisheries on grant funding for current and future projects/grants (). Hosted Treasures of Oz sites (Virmond County Park, MT Fishway, LMRFWP) 10/1. Hosted Coastal Resiliency CALM tour and workshop at Virmond County Park (1/18). Hosted a tour of MSC restoration work for Love Our Great Lakes Day (10/15). Presentation to the Village of Saukville PC and Board Re: CTH W Restoration project and acquisitions (10/4). SWWT Board Meeting (10/18). CBCGNP Celebration Event at LDGNP (10/20).

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, LMRFWP, River Oaks, Harborview & Virmond County Parks under NFWF SOGL Invasive Grant. 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 (10/4-in person), County Board (10/3 & 10/5). HR Trainings-ADA.
- Managing staff teleworking/remote working, parks and golf course operations, and day-to-day operations w/ COVID-19.
- Worked on Dept. position descriptions. The Park Caretaker—Virmond and Parks Maint. Workers.
- Coordinated on wage and salary study for Department staff and provided written comments.



PLANNING & PARKS DEPARTMENT

CURRENT PROJECTS & REPORT UPDATES

OCTOBER 2022



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. 69

Attachment: P&PDept_MgmtReport_NRC110322_OCT2022_FINAL_ATS102722



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). Coordinated with 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, Saukville & Cedarburg. Generated GIS maps including shoreland 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, LMRFPW—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).
- Discussed recommendations of the POSP with several residents, WDNR, MMSD/Conservation Fund, OWLT, UCP, WWA, ROTB, FOCB 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-Grafton, Waubedonia).
- Coordinated with the Conservation Fund/MMSD on the expanded "Greenseams" Program (CTH W project). Coordinated w/ WDNR, Conservation Fund/MMSD regarding fish passage projects.
- Coordinated/attended meetings with partners (e.g. FOCB, WDNR, MMSD, OWLT, OCWC (), WAC, BCW, LMRFP, UCP) to discuss natural area preservation/restoration and WDNR/WCMP/USFWS/USFS/USEPA grants (Clay Bluffs Cedar Gorge Nature Preserve (CBCGNP)) (10/20).
- Completing 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) as part of WCMP Coastal Resiliency Grants. Updating Park Master Plan (GIS) maps for all the other current County Parks (e.g. LMRFPW).
- Presentation at the WCMP CALM on Virmond, particularly the surface & groundwater, bluffs and stairway (10/19).

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. Coordinated (with SWWT and MMSD) on adoption of the Cedar, Pigeon, Mole and Ulao Watershed 9 Key Element Plan per FPP. Discuss implementing 9 Key Element Plans.
- 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 Tool with partners (Received NACPRO Award 2021). Reviewed Preservation/Restoration output maps with partners and coordinated with staff/partners/consultant on next steps for the GIS Tools. Coordinated follow-up with WDNR AOC Program to demonstrate the GIS Fish & Wildlife Habitat and Ecological Prioritization Tools. Continued work on Fisheries component of the GIS Tools. Worked with consultant on SLCI output reports.
- Prepared several GIS databases and maps for the Planning, Parks and Trails Divisions and Ecological Division / Fish Passage Program regarding: land divisions, zoning, tree plantings, natural areas, Trail/ROTB, streams/Impediments, wetland/riparian restorations & stormwater, water quality data, fish & wildlife monitoring, ROW invasive spp., invasive species, restorations (e.g. prairies), park parking spaces and Master Plans.
- Coordinated w/ LIO on GIS databases (ROW Invasive), JEM Grant (GIS Storybook for OIT) and adding Planning & Parks Dept data to GIS Server. Coordinating on a County Map update with new roads, parks, etc.
- Began 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), Parks (e.g. Virmond staircase, MK Park stormwater wetland, HH Park Multipurpose Maintenance Building) & Ozaukee Interurban Trail projects with USACOE, WDNR, LWMD, consultants, & municipalities (e.g. Town of Saukville, City of Mequon).
- Coordinated 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 followed up on the WCMP/Sea Grant CALM SC Mtg. (10/20).

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 and a WisDOT TAP grant for OIT repaving.
- Continued to report on the Department goals, objectives, metrics for the County Strategic Plan including evaluation of goals and reporting to NRC & CB. Provided NRC board members w/ Dept summary data.

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 for future land use at these properties. Coordinated w/ WDNR & SEWRPC.

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 & MMSD on 9-Key Element Plans-Ulao, Mole, Pigeon, Cedar & Fredonia.
- Coordinated w/ WisDOT & Consultants on CTH I, STH 33 and I-43 reconstruction projects.

PARKS, RECREATION, NATURAL AREAS AND CULTURE DIVISION

Parks, Natural Areas, Recreation and Culture Implementation

- Implementation of 2022 park projects (e.g. campsites) & 2022 approved Capital Improvement Projects (CIP) the County parks (e.g., Pavilions & Maintenance Building, LDGNP Parking & Boardwalk, etc.). Coordinated Highway Dept on other Park (e.g., grading), Fish Passage (Sucker Cr., MSC, MK Park) and Ozaukee Interurban Trail (e.g., mowing) projects and CTH, STH, and Federal ROW Invasives Project. Planning w/ Highway Dept 2023 Projects (Park, FP, etc.) and CTH W reconstruction, restoration and funding.
- Coordinated with several Eagle Scouts for current and future service projects at various County Parks and the Interurban Trail (e.g. Wood storage & Gravel Trails—HH Peters, Wood duck nest boxes—HH Park, HH Pet LMRFPW, Trail Construction/Bike Rack—Mee-Kwon County Park, etc.).
- Coordinated/continued intensive invasive species removal (e.g. herbaceous & woody shrubs), ash tree removal and 2022 tree plantings at Lion's Den Gorge Nature Preserve, Virmond, Mee-Kwon, Hawthorne Hills, LMRFPW, Waubedonia and Tendick Nature Parks, Coastal & HH Park Project Areas (USFS grants), both Golf Courses: under private foundation, USFS GLRI, NFWF SOGL Invasive and WDNR grants (UF). Continued inventory invasive species, tree plantings and ash trees in the County Parks & restorations.
- Coordinated w/ several recreational organizations regarding the Mee-Kwon County Park master plan. Work on signage/maps for the pedestrian trail network.
- Coordinated with the Parks staff on the remodeling and repair of the Shady Lane, Mee-Kwon, Waubedonia & Virmond Park Houses (doors, roofs, floors, paint, bathroom, etc.), out buildings and yard (e.g., invasives, tree removal, etc.).
- Coordinated w/ Ozaukee Treasures Network (OTN) Steering Cmte., a collaboration of organizations working the implementation of the *Park and Open Space Plan for Ozaukee County*. Coordinated w/ Ozaukee County Watershed Coalition (OCWC) regarding Sauk & Sucker Creeks. Hosted Treasures of Oz on 10/1 at Virmond.
- Mgmt. additional prairie restoration areas at Tendick Nature Park, LMRFPW, Covered Bridge and Virmond County Parks. Coordinated grant reporting: WDNR CCA, We Energies, DU NAWCA and Brookby Foundation.
- Worked on the new Covered Bridge County Park and River Oaks County Park additions regarding surveying, restoration, tree removal (e.g. ash), invasive species removals, signage, maintenance and tree plantings.
- Coordinated and held several Zoom meetings/calls/emails with Partners regarding the Clay Bluffs Cedar Gorge Nature Preserve. Working on finalizing reporting/plans for WDNR USEPA GLRI (\$450,000) & USFS (\$600,000) grants. Continued discussions w/ other 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 the public access to the Lake Michigan shoreline (e.g. staircase) at Virmond County.
- Coordinated w/ Parks Division staff on multiple items (e.g. reservations, signage, camping, gates, ash trees, etc.), work/scheduling with WisCorps (4 wks) and construction of the new ADA trail at LDGNP / USFWS WF.
- Coordinated w/ Architect (Kueny) and Contractors for Hawthorne Hills Maintenance Bldg. and ADA modification for HH Peters Youth Camp Bldg. (10/26).
- Coordinated w/ Highway and Grafton & Mequon FDs regarding access/parking at LDGNP and Virmond Park.
- Coordinated w/ Highway Re: Historic Covered Bridge Closure and Repairs and Contracts.

Coordination with Cultural, Tourism & Recreation Groups

- Attended Ozaukee County Tourism Council (OCTC) Board Mtg. (10/24). Continued work on Tourism & Trail websites, maps & events (20th Anniversary). Continued to assist w/ OCTC Treasurer duties Re: 2023 budget. Coordinated w/ OCHS Re: OCHS Caretaker, lease agreement, tree planting, Wifi & 2022 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 maintenance/drainage/culverts, bike racks, benches, trees, John Ward recognition, maintenance items the Trail (e.g. cutting, paving), RTC grant-Port Washington Trail Improvement Project—design & engineering. Follow-up on the Route of the Badger (ROTB) Regional Quarterly Mtg., coordination w/ communities (Mequon, Cedarburg, Port Washington) & professionals on OIT crossings. Development of Trail gateway signage. Coordinated w/ SEWRPC on regional grant for Trail planning & projects (RAISE Grant) and WisDOT TAP 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 data.
- Coordinated with the Ozaukee Snowmobile Clubs on the existing and new (2023) Trail Maintenance and Trail Bridge Grants under the WDNR Trail Recreational Aids Grants. Coordinated and managed the SNARS data and GIS mapping for snowmobile trail maintenance with the Clubs and sent out payments to Clubs.
- Coordination w/ 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 County and ROTB regarding planning for trail connections of the OIT to Eisenbahn Trail and criteria for regional trail network. Coordinated w/ the Town of Grafton on OIT connections.
- Follow-up Re: Trail paving of county-managed portion of OIT and WisDOT TAP & Invasives.

8.c.1.a



Attachment: P&PDept_MgmtReport_NRC110322_OCT2022_FINAL_ATS102722





OZAUKEE COUNTY PLANNING & PARKS

Parks Division

Summary of Parks Revenue

September 2022

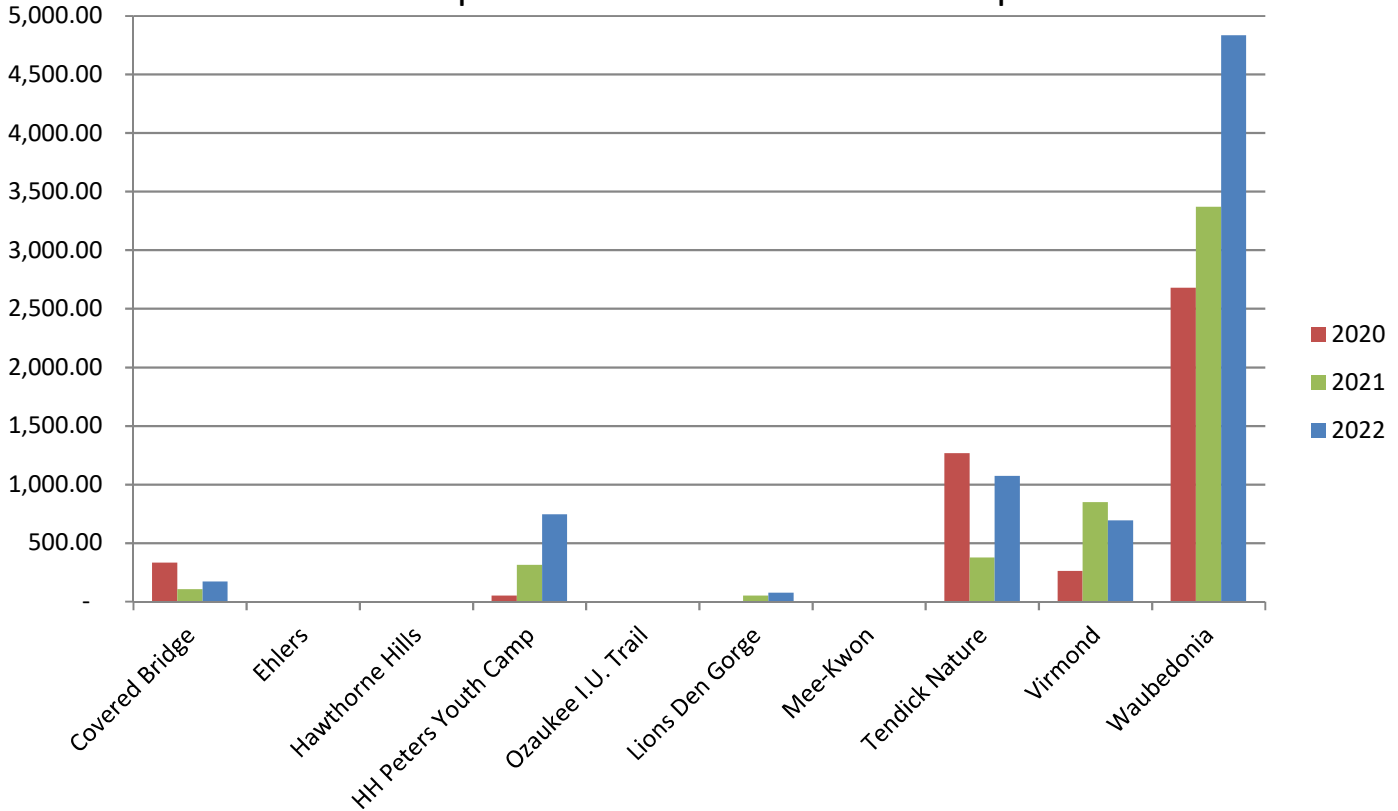
Location	Fees for Events in September 2022		Revenue Collected During September 2022	
	Cur Mo	YTD	Cur Mo	YTD
Covered Bridge	170.01	1,202.35	75.00	1,474.78
Ehlers	-	156.40	-	156.41
Hawthorne Hills	-	-	-	-
HH Peters Youth Camp	744.08	4,118.48	1,115.00	3,955.30
Ozaukee I.U. Trail	-	156.40	-	201.20
Lions Den Gorge	75.00	416.40	240.00	609.97
Mee-Kwon	-	-	-	-
Tendick Nature	1,073.31	7,632.39	791.56	8,742.33
Virmond	694.07	5,521.08	185.00	4,898.34
Waubedonia	4,833.14	25,457.92	1,962.92	23,690.93
Totals:	7,589.61	44,661.42	4,369.48	43,729.26

Historic Comparison

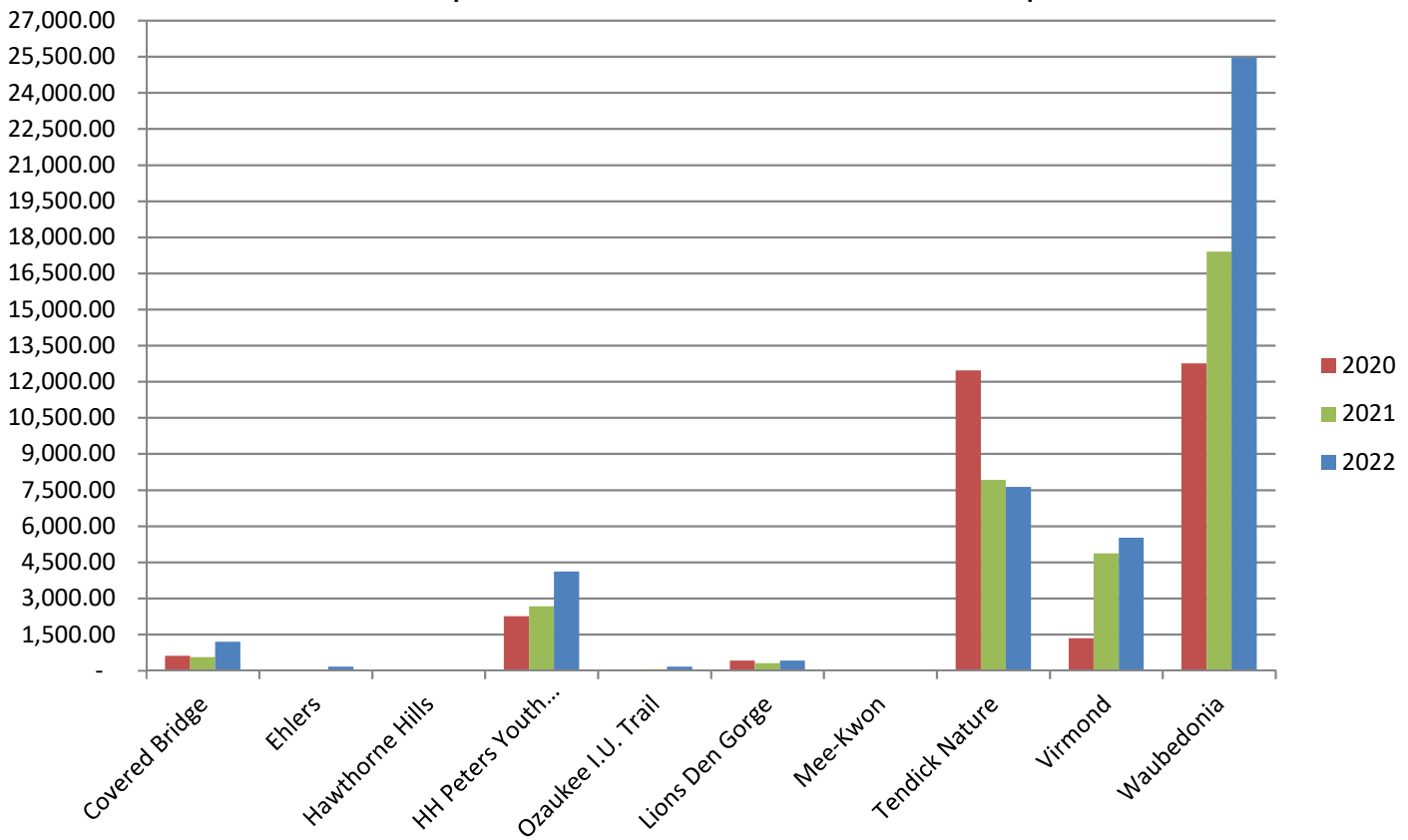
Location	Fees for Events in September			Fees for Events in September YTD		
	2020	2021	2022	2020	2021	2022
Covered Bridge	331.65	104.27	170.01	611.05	564.00	1,202.35
Ehlers	-	-	-	-	-	156.40
Hawthorne Hills	-	-	-	-	-	-
HH Peters Youth Camp	52.13	312.80	744.08	2,258.76	2,667.67	4,118.48
Ozaukee I.U. Trail	-	-	-	-	52.13	156.40
Lions Den Gorge	-	52.13	75.00	417.16	312.80	416.40
Mee-Kwon	-	-	-	-	-	-
Tendick Nature	1,267.01	377.16	1,073.31	12,470.04	7,914.37	7,632.39
Virmond	260.66	848.15	694.07	1,340.85	4,863.32	5,521.08
Waubedonia	2,677.89	3,370.62	4,833.14	12,757.34	17,405.21	25,457.92
Total:	4,589.34	5,065.13	7,589.61	29,855.20	33,779.50	44,661.42

Fee Type	2020	2021	2022	2020	2021	2022
Park Fees	1,355.00	1,796.02	2,189.83	6,134.40	10,919.59	14,486.07
Disc Golf Fees	660.66	173.36	791.65	11,607.77	7,023.37	6,397.82
Camping Fees	2,348.07	2,939.73	4,183.47	11,119.09	14,692.75	21,165.68
Firewood	225.62	156.00	424.65	993.98	1,143.73	2,611.85
Total:	4,589.35	5,065.11	7,589.60	29,855.24	33,779.44	44,661.42

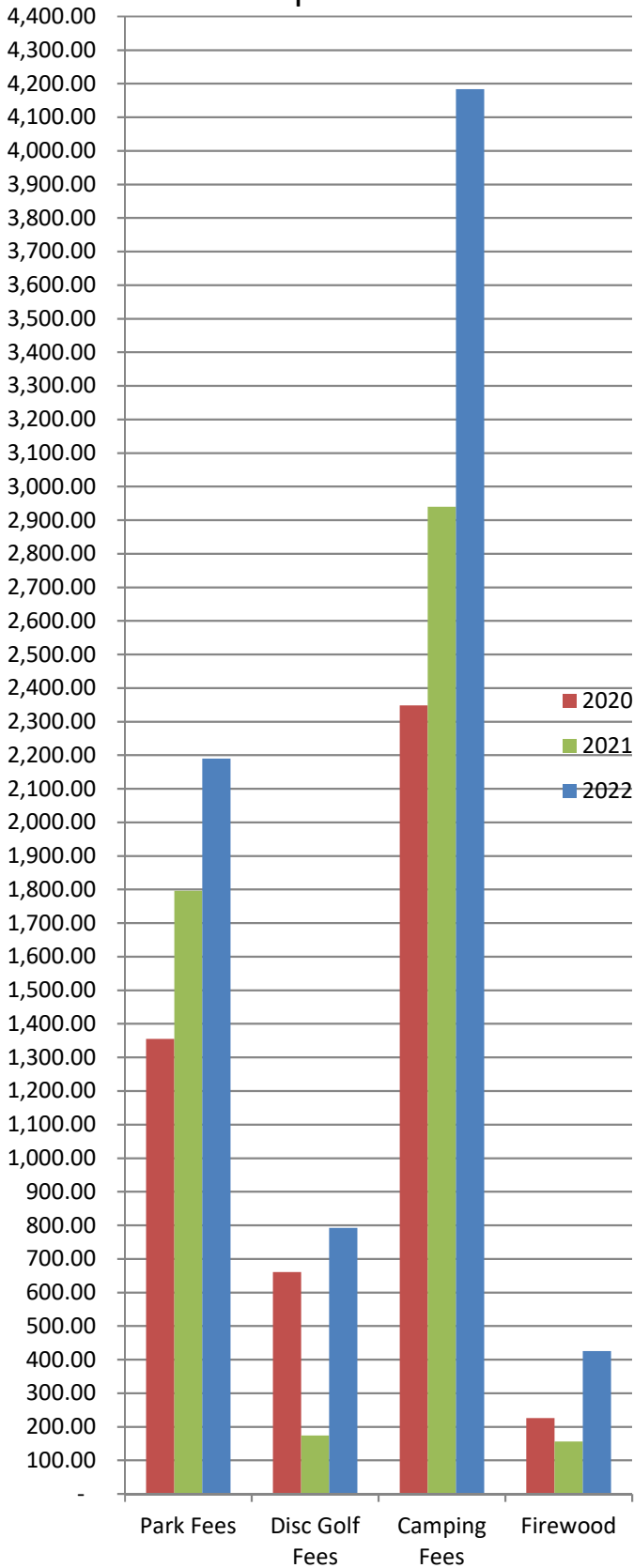
Historic Comparison of Fees for Events in September



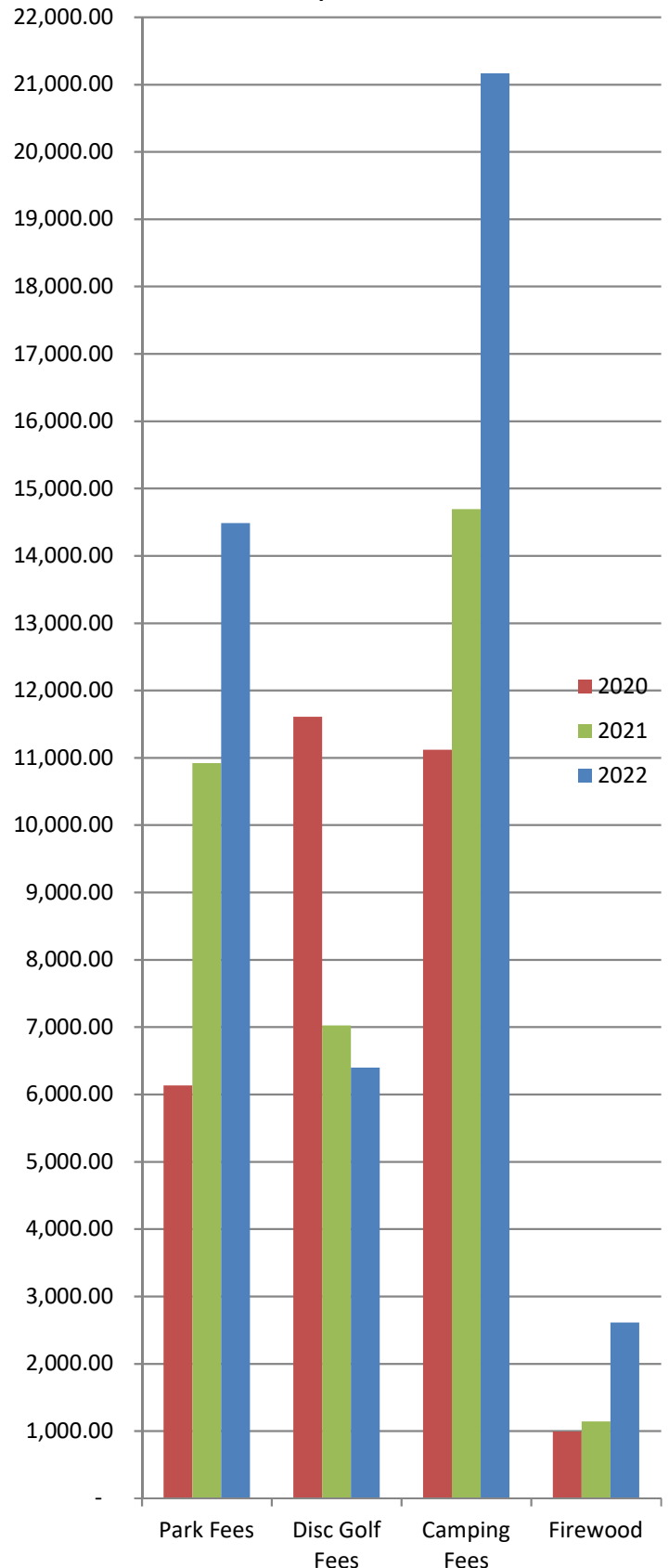
Historic Comparison of Fees for Events YTD September



Historic Comparison for Type of Fees In September



Historic Comparison for Type of Fees YTD September



**OZAUKEE COUNTY PLANNING & PARKS
SUMMARY OF GOLF COURSE RECEIPTS
GOLF COURSE DIVISION
SEPTEMBER 2022**

	This year	Last year
Hawthorne Hills opened	3/29/2022	3/30/2021
Mee-Kwon opened	3/16/2022	3/13/2021

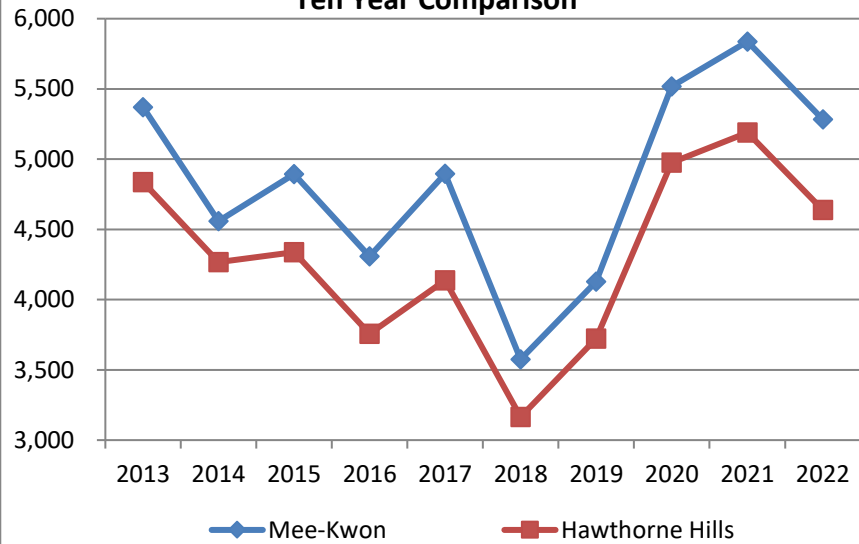


	Current Month				Year to Date			
	SEPTEMBER 2022		SEPTEMBER 2021		SEPTEMBER 2022		SEPTEMBER 2021	
	Golfers	Receipts	Golfers	Receipts	Golfers	Receipts	Golfers	Receipts
Hawthorne Hills	4,639	\$ 155,931	5,189	\$ 166,558	31,916	\$ 1,018,434	33,822	\$ 1,043,493
Mee-Kwon	5,284	\$ 173,849	5,837	\$ 181,948	36,056	\$ 1,148,007	37,037	\$ 1,124,569
	9,923	\$ 329,780	11,026	\$ 348,506	67,972	\$ 2,166,442	70,859	\$ 2,168,061

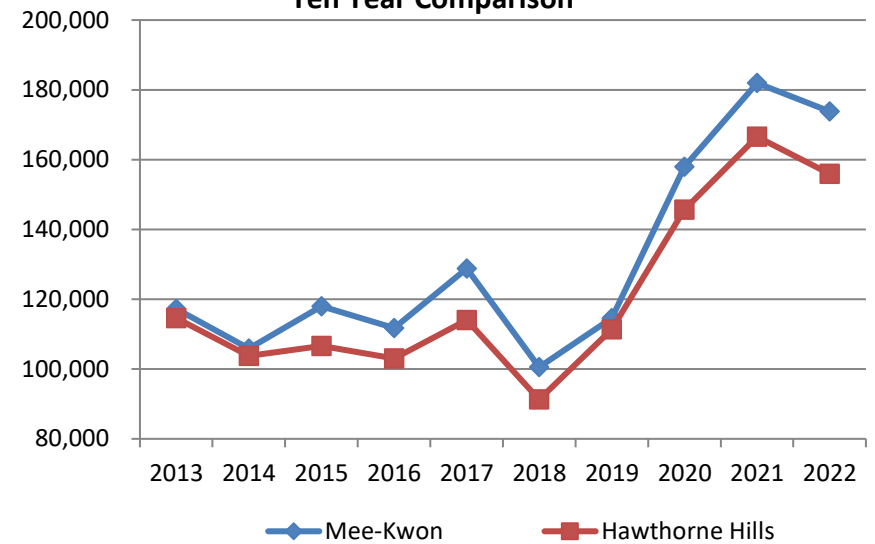
	Current Month			Year to Date	
Hawthorne Hills	(550)	Increase (Decrease) in Golfers	(1,906)	Increase (Decrease) in Golfers - Year to Date	
	\$ (10,627)	Increase (Decrease) in Receipts	\$ (25,058)	Increase (Decrease) in Receipts - Year to Date	
Mee-Kwon	(553)	Increase (Decrease) in Golfers	(981)	Increase (Decrease) in Golfers - Year to Date	
	\$ (8,098)	Increase (Decrease) in Receipts	\$ 23,438	Increase (Decrease) in Receipts - Year to Date	
Total	(1,103)	Increase (Decrease) in Golfers	(2,887)	Increase (Decrease) in Golfers - Year to Date	
	\$ (18,726)	Increase (Decrease) in Receipts	\$ (1,620)	Increase (Decrease) in Receipts - Year to Date	



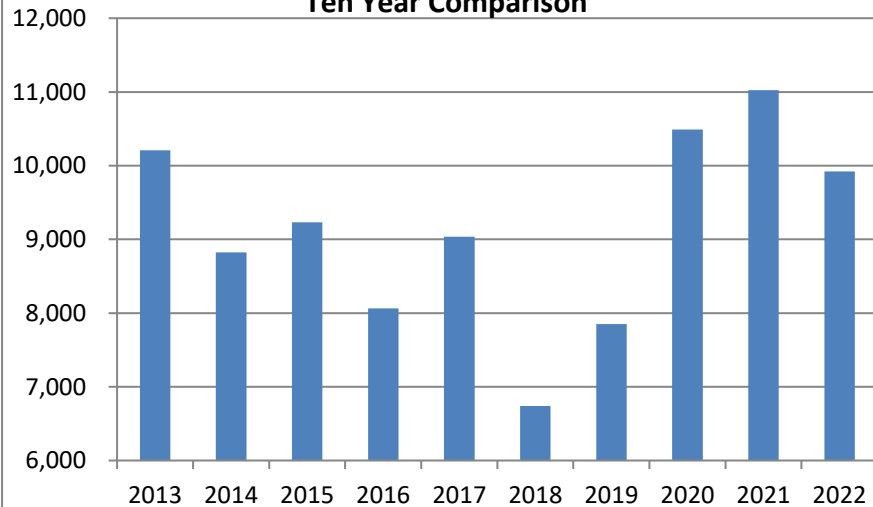
**Number of Golfers per Course for September
Ten Year Comparison**



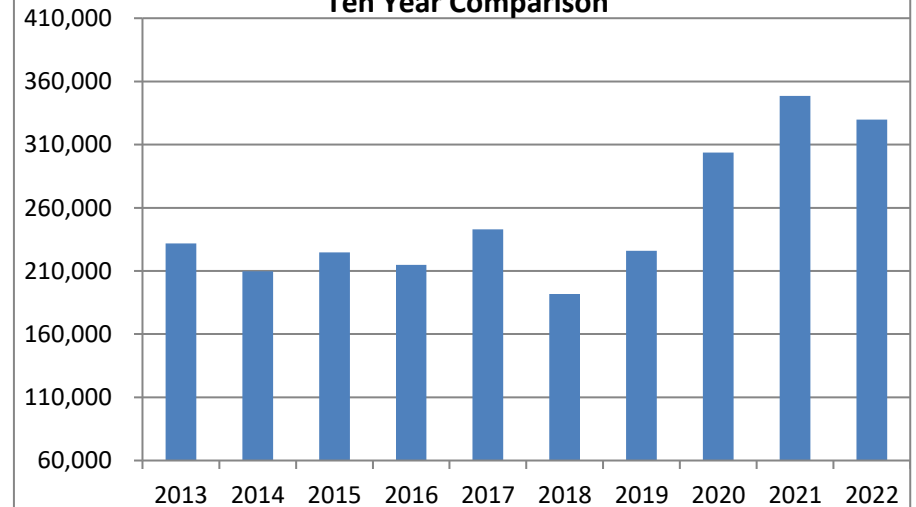
**Receipts per Course for September
Ten Year Comparison**



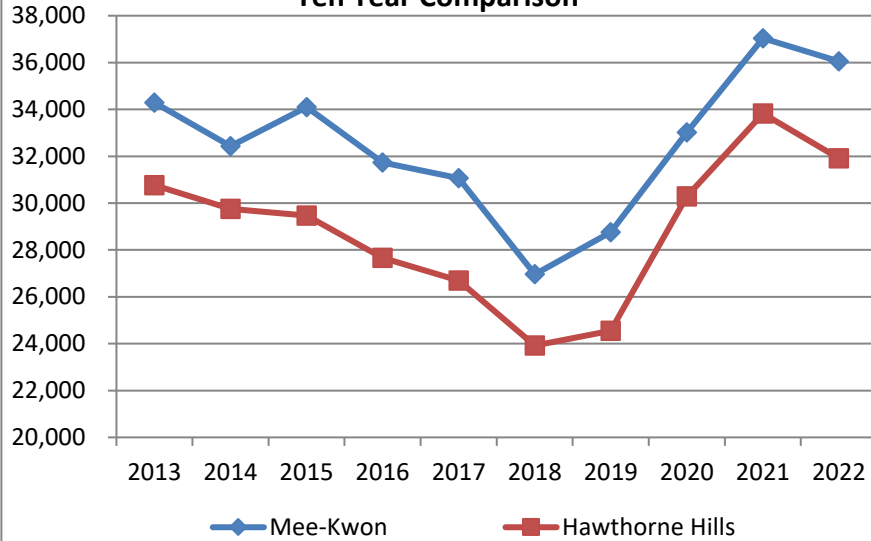
**Total Number of Golfers for September
Ten Year Comparison**



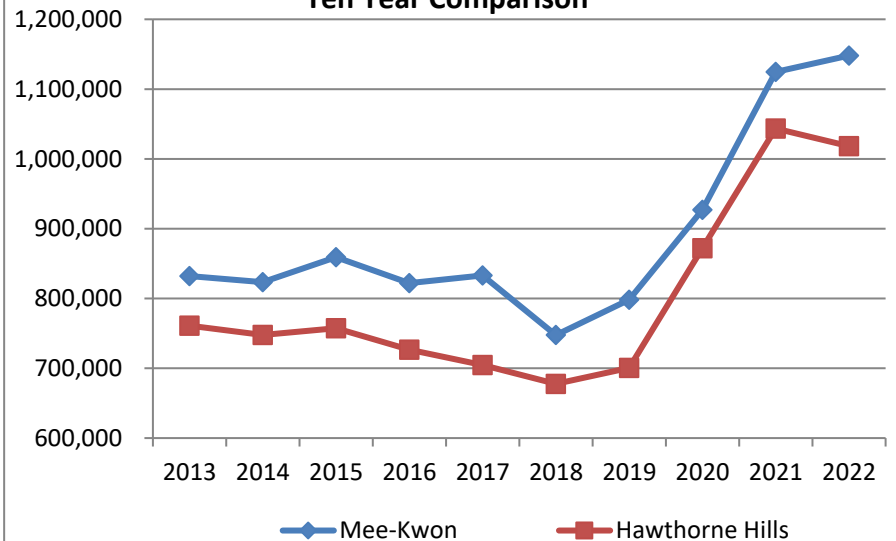
**Total Receipts for September
Ten Year Comparison**



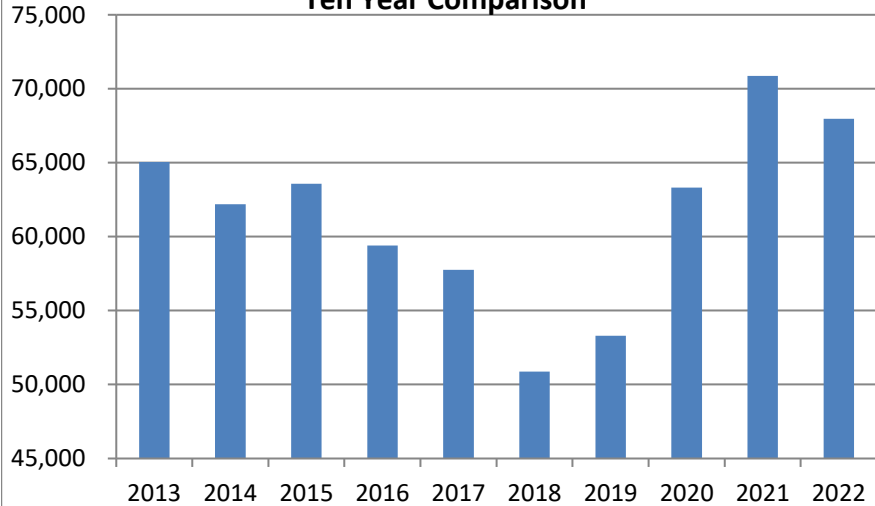
**Number of Golfers per Course March - September
Ten Year Comparison**



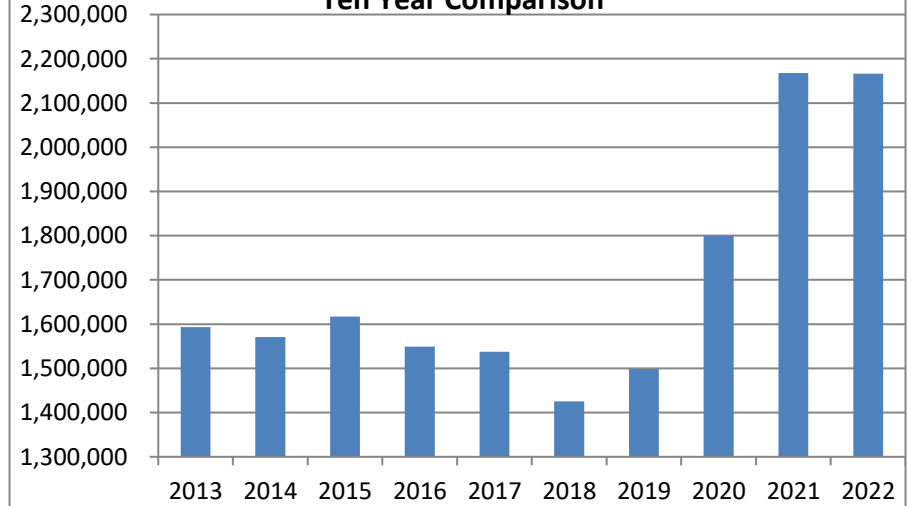
**Receipts per Course for March - September
Ten Year Comparison**



**Total Number of Golfers for March - September
Ten Year Comparison**



**Total Receipts for March - September
Ten Year Comparison**



	Current Month Actual	2022 YTD Actual	2022 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	-	\$33,600	\$33,600	0.00%
Public Charges for Services	\$4,369	\$44,279	\$46,925	\$2,646	94.36%
Licenses & Permits	-	\$55	-	(\$55)	0.00%
Interest Revenue	\$7	\$17	-	(\$17)	0.00%
Other Revenue	\$29,494	\$44,058	\$26,500	(\$17,558)	166.26%
Total Revenues	\$33,870	\$88,409	\$107,025	\$18,616	82.61%
Expenditures					
Salaries	\$61,384	\$374,425	\$504,191	\$129,766	74.26%
Fringe Benefits	\$14,819	\$106,537	\$133,320	\$26,783	79.91%
Travel/Training	\$1,000	\$4,094	\$7,450	\$3,356	54.95%
Supplies	\$4,722	\$69,280	\$105,635	\$36,355	65.58%
Purchased Services	\$34,188	\$135,976	\$244,650	\$108,674	55.58%
Interdepartment Charges	\$3,582	\$63,127	\$169,285	\$106,158	37.29%
Other Expenses	\$349	\$17,655	\$18,642	\$987	94.71%
Total Operating Expenditures	\$120,044	\$771,094	\$1,183,173	\$412,079	65.17%
Capital Outlay					
Buildings & Land	-	\$200,000	\$229,000	\$29,000	87.34%
Total Capital Outlay	-	\$200,000	\$229,000	\$29,000	87.34%
Total Expenditures	\$120,044	\$971,094	\$1,412,173	\$441,079	68.77%
Other Finance (Sources)	-	(\$80,000)	(\$80,000)	-	100.00%
Net Other Financing Sources/Uses	-	(\$80,000)	(\$80,000)	-	100.00%
Net Increase (Decrease)	(\$86,174)	(\$802,685)	(\$1,225,148)	(\$422,463)	65.52%

Equity:

	Current Month Actual	2022 YTD Actual	2022 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	\$1,411,051	\$1,851,082	\$440,031	76.23%
Other Revenue	\$5,350	\$35,081	\$11,000	(\$24,081)	318.92%
Total Revenues	\$5,350	\$1,446,132	\$1,862,082	\$415,950	77.66%
Expenditures					
Salaries	\$8,716	\$52,308	\$65,116	\$12,808	80.33%
Fringe Benefits	\$1,985	\$14,729	\$16,396	\$1,667	89.83%
Travel/Training	\$103	\$784	\$165	(\$619)	475.15%
Supplies	-	\$34,122	\$11,969	(\$22,153)	285.09%
Purchased Services	-	\$61,248	\$1,188,512	\$1,127,264	5.15%
Interdepartment Charges	-	\$7,067	-	(\$7,067)	0.00%
Total Operating Expenditures	\$10,804	\$170,258	\$1,282,158	\$1,111,900	13.28%
Capital Outlay					
Buildings & Land	-	\$1,411,000	\$580,000	(\$831,000)	243.28%
Total Capital Outlay	-	\$1,411,000	\$580,000	(\$831,000)	243.28%
Total Expenditures	\$10,804	\$1,581,258	\$1,862,158	\$280,900	84.92%
Net Increase (Decrease)	(\$5,454)	(\$135,126)	(\$76)	\$135,050	177797.37%
Equity:					
Governmental Fund Balance	-	(\$125,342)	-	\$125,342	0.00%

Ozaukee County Committee Report
Special Revenue Fund Ozaukee Water Projects
For the Nine Months Ending Friday, September 30, 2022
Profit and Loss Statement ACTUAL TO AMENDED BUDGET

8.c.1.d

	Current Month Actual	2022 YTD Actual	2022 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	\$46,607	\$414,500	\$367,893	11.24%
Other Revenue	-	\$2,500	\$345,307	\$342,807	0.72%
Total Revenues	-	\$49,107	\$759,807	\$710,700	6.46%
Expenditures					
Salaries	\$15,765	\$95,419	\$380,996	\$285,577	25.04%
Fringe Benefits	\$5,079	\$41,380	\$85,595	\$44,215	48.34%
Travel/Training	\$20	\$113	-	(\$113)	0.00%
Supplies	\$28	\$19,156	\$14,640	(\$4,516)	130.85%
Purchased Services	\$3,848	\$50,184	\$78,500	\$28,316	63.93%
Interdepartment Charges	-	\$80,380	\$200,000	\$119,620	40.19%
Total Operating Expenditures	\$24,740	\$286,632	\$759,731	\$473,099	37.73%
Capital Outlay					
Total Expenditures	\$24,740	\$286,632	\$759,731	\$473,099	37.73%
Net Increase (Decrease)	(\$24,740)	(\$237,525)	\$76	\$237,601	-312532.89%
Equity:					
Governmental Fund Balance	-	(\$183,269)	-	\$183,269	0.00%

Attachment: CommRpt2022_Sept2022 (P&PDept_Management&FinancialReports)

	Current Month Actual	2022 YTD Actual	2022 Amended Budget	Budget Balance	% Budget YTD
Revenues					
Intergovernmental Revenues	-	\$1,733	-	(\$1,733)	0.00%
Public Charges for Services	\$327,616	\$2,163,739	\$1,915,193	(\$248,546)	112.98%
Other Revenue	\$3,731	\$22,422	\$15,000	(\$7,422)	149.48%
Total Revenues	\$331,347	\$2,187,894	\$1,930,193	(\$257,701)	113.35%
Expenditures					
Salaries	\$104,211	\$546,216	\$719,936	\$173,720	75.87%
Fringe Benefits	\$21,145	\$167,551	\$244,145	\$76,594	68.63%
Travel/Training	-	\$6,237	\$11,650	\$5,413	53.54%
Supplies	\$25,845	\$259,505	\$300,780	\$41,275	86.28%
Purchased Services	\$13,251	\$145,972	\$142,400	(\$3,572)	102.51%
Interdepartment Charges	\$3,554	\$53,282	\$55,143	\$1,861	96.63%
Depreciation	-	\$99,787	\$305,350	\$205,563	32.68%
Other Expenses	\$15,778	\$43,289	\$70,789	\$27,500	61.15%
Total Operating Expenditures	\$183,784	\$1,321,839	\$1,850,193	\$528,354	71.44%
Capital Outlay					
Equipment & Furniture	-	\$186,588	\$197,000	\$10,412	94.71%
Buildings & Land	-	-	\$24,000	\$24,000	0.00%
Contra	-	-	(\$221,000)	(\$221,000)	0.00%
Total Capital Outlay	-	\$186,588	-	(\$186,588)	0.00%
Total Expenditures	\$183,784	\$1,508,427	\$1,850,193	\$341,766	81.53%
Other Finance Uses	-	\$80,000	\$80,000	-	100.00%
Net Other Financing Sources/Uses	-	\$80,000	\$80,000	-	100.00%
Net Increase (Decrease)	\$147,563	\$599,467	-	(\$599,467)	0.00%
Equity:					
Retained Earnings	-	(\$1,355,091)	-	\$1,355,091	0.00%



News

Eco-Tourism
weekend

► Page 8B

Treasures of Oz ECO Tour is back

Tour is free and family-friendly

By Kay Dahlke

Special to the News Graphic

OZAUKEE COUNTY — Treasures of Oz, presented by the Ozaukee Washington Land Trust and Ozaukee County Parks, will once again host its tour of six parks in Ozaukee County on Saturday.

The parks will be manned by OWLT docents at various times throughout the day.

The day's official headquarters, Virmond Park, 10606 N. Lake Shore Drive, Mequon, will be manned by docents from 9 a.m. to 4 p.m. Visitors will see the new staircase to the beach that is being constructed and learn how to have their names included on the stairway. They can walk the prairie, watch the migrating birds along the lake shore and visit with other organizations in the coalition.

Ozaukee County Parks and Planning Director



Virmond Park is one of six parks people will be able to visit during Treasures of Oz. **Above right** is the chimney swift tower at the park.

Andrew Struck and OWLT Executive Director Tom Stolp, who spearheaded the recent acquisition of the Cedar Gorge Clay Bluffs, will be at Virmond Park to showcase the project.

Admission is free. For directions and the latest information on all stops, download the passport at treasuresofoz.org.

Below are the stops on this year's Eco-Tour.

■ **Virmond County Park** in Mequon is the central location, 10606 N. Lake Shore Drive, Mequon: Open 9 a.m. to 4 p.m.

■ **Kurtz Woods:** Open 9 a.m. to noon with docents.



Submitted photos

1211 Dahlia Lane, Grafton (south of Cedar Sauk Road

in Cedar Sauk Meadows subdivision).

■ **Thiensville Village Park:** 9 a.m. to noon with docents. 250 Elm St., Thiensville.

■ **Cedarburg Bog:** Open noon to 3 p.m. with docents. South side of Highway 33 west of Lakeland Road, west of Saukville.

■ **Little Menomonee River Fish and Wildlife Nature Preserve:** Open noon to 3 p.m. with docents. This is a NEW preserve on Mequon Road and Farmdale Road (9104 W. Mequon Road, Mequon.

■ **Riveredge Nature Preserve:** Open noon to 3 p.m. with docents. Outpost Building, approximately at 4300 County Y/Hawthorne Drive - Look for the Treasures flag. Plenty of parking is available.

Treasures of Oz tours to be held on Oct. 1

The annual Treasures of Oz Eco Tour will be held at natural areas throughout Ozaukee County on Saturday, Oct. 1.

Virmond Park in Mequon will be the headquarters for the event, which runs from 9 a.m. to 4 p.m.

Concept plans for the newly acquired Cedar Gorge Clay Bluffs Nature Preserve in the City of Port Washington will be at the park. Ozaukee County Parks and Planning Director Andrew Struck and Ozaukee Washington Land Trust Executive Director Tom Stolp will be on hand to explain the plans.

Those attending may also see the staircase to the beach that is being constructed and learn how they can have their name on the stairway.

They can also walk the prairie, watch migrating birds, check out the chimney swift tower and learn about other organizations

involved in preservation.

The Land Trust's Josh Schlict will be joined by scientist and birding expert Richard Albert at Kurtz Woods from 9 a.m. to noon to discuss why the area will be part of the national Old Growth Forest Network.

Docents will be on hand to lead tours of the woods in the Town of Grafton.

Matt Aho, the county's program manager for the fish passage program, and Milwaukee Riverkeeper Cheryl Nenn, along with other docents, will be at Thiensville Village Park to discuss its new fishway from 9 a.m. to noon.

Naturalist Kate Redmond and "science guy" Tom Kroeger, along with other docents, will be at the Watts Lake Trail in Cedarburg Bog to conduct nature walks from noon to 3 p.m.

Docents will lead walks through and discuss future plans for Little Menomonee River Fish and Wildlife Nature Preserve on

Mequon and Farmdale roads in Mequon.

Riveredge Nature Center in the Town of Saukville will be open from noon to 3 p.m. Docents will be available.

Those attending may download a passport at treasuresofoz.org beginning Thursday, Sept. 15, that will include directions and the latest information on the tour.

Friends of the Bog to hold annual picnic

The Friends of the Cedarburg Bog will hold its annual picnic and hike from 2:30 to 7 p.m. Sunday, Oct. 2.

The schedule includes a hike with Jim Reinartz at 3 p.m. followed by a recognition of Kate Redmond, a founding member of the Friends group, at 4:30 p.m.

The Friends will unveil a bench with a plaque honoring Redmond that will be placed on the trail to Watts Lake on the north end of the Cedarburg Bog.

The picnic will be at 5:30 p.m. with the Friends' annual meeting held around the

campfire at 6:30 p.m.

The Friends will supply brats, burgers and beverages and those attending are asked to bring a dessert or side dish to share.

Those attending are asked to meet at the University of Wisconsin-Milwaukee Field Station on Blue Goose Road.

No pets are allowed.

Those attending are asked to register in advance.

For directions or to register, visit www.bogfriends.org, send an email to fieldstn@uwm.edu or call 675-6844.

A day to experience nature's treasures in Ozaukee County

To Ozaukee Press:

Thank you, Ozaukee, for another wonderful eco-tour of the Treasures of Oz. This was, as always, a community effort. It is an event that is powered by volunteer energy. This was our 13th annual tour, emerging from two Covid years of self-guided tours, now back to a full educational event with expert docents.

Treasures of Oz is a day to experience things that enrich our lives, learning to reduce our stress in nature, finding opportunities for recreation and meaningful volunteering, having a memorable adventure and connecting with others who love the outdoors and natural places.

Typically educational events like this would have pricey tickets, but we have a community of people here in Ozaukee who really care about our land, water and wildlife and care deeply about everyone learning enough to be part of keeping outdoor Ozaukee healthy, vibrant and flourishing. Because of their energy, time and generosity, we can provide this to everyone without charging admission.

Our sincere thanks to: Ozaukee Press

for covering this; the Ozaukee Washington Land Trust for the ongoing organizational support; Ozaukee County Planning and Parks Department for so much staff support this year at their numerous sites; Riveredge and Friends of Cedarburg Bog for hosting tour sites; Pineview Wildlife Rehabilitation for providing their raptors and engaging staff and providing a rich educational program; our expert docents who freely gave of their time and expertise at each site; and our community of volunteers for being there time and time again to keep things friendly, efficient and educational.

Thank you to everyone who shared the event by word-of-mouth and on social media.

Thank you to all everyone who visited one or more of the sites. You are the entire reason we do this.

Marjie Tomter

Town of Grafton

The letter writer is a longtime organizer of Treasures of Oz.

Kudos



Before a stunning backdrop of Lake Michigan water, beach and bluff on the staircase at Virmond County Park in Mequon, Andrew Struck explained plans for the new Cedar Gorge Clay Bluff Nature Preserve at the Treasures of Oz event.

Photo by Dave Bishop

Village on board with flood mitigation plan

■ Trustees back county proposal to acquire land to reduce river flooding along Hwy. W, create park

By KRISTYN HALBIG ZIEHM
Ozaukee Press staff

The Saukville Village Board last week threw its support behind a plan by Ozaukee County to help mitigate persistent flooding of the Milwaukee River along Highway W.

The board approved a resolution supporting a \$150,000 Department of Natural Resources Knowles-Nelson Stewardship Grant that Ozaukee County would use to acquire land for the project.

Trustees also agreed unanimously to give the county a 3.54-acre parcel it owns to help with the project, noting the land will ultimately become a county park.

The land, trustees noted, is not developable and of no other use to the community.

"It should be a park," Trustee Jim Nowlen said.

The county has tentatively been awarded the stewardship grant, Andrew Struck, the county's director of planning and parks, said.

The proposed project calls for a portion of Highway W between Highway 33 and Schowalter Park to be moved slightly to the east and two culverts that would allow an oxbow, a U-shaped bend, in the river to become active again, Struck said.

The culverts would allow what would otherwise be floodwater to instead flow under the road and into the oxbow, he said.

"That's where the river really wants to go," Struck said, noting that this would prevent much of the persistent flooding that has plagued the area and made the highway impassable at times.

Wetlands in the area would also be restored, he said.

"It mimics what was there historically," Struck said of the oxbow. "It will allow for significantly more capacity and create a really nice amenity overall."

The road, Struck noted, was built with the intent of allowing the river to flow over it into the oxbow, but as the road was repaired and changes made, it began to act as a dam.

Restoring the oxbow will alleviate some flooding, Struck said, but it would not prevent all flooding.



OZAUKEE COUNTY IS working on a project that would move Highway W a little farther east of the Milwaukee River and reactivate an oxbow south of Schowalter Park to help alleviate persistent flooding in the area. Village officials last week approved a resolution supporting the county's application for a \$150,000 grant to help kick off the project. Photo by Sam Arendt

Preliminary modeling shows that the plan will prevent regular flooding until there is a 20-year storm, he said.

"There is no way to get this out to the 100-year floodplain," Struck said. "There still are times the road is going to flood."

When asked if the oxbow could flood and cause issues, Struck noted that the bend will not exacerbate any flooding.

Trustee Andy Hebein asked if the project would alleviate flooding due to spring ice jams.

"Is that going to get jammed up so the oxbow won't work?" he asked.

"It's very possible," Struck said. "But it won't be any worse than it is now."

Trustee Trevor Seitz asked if a causeway could be installed.

"We'd love to do that," Struck said. "It really comes down to cost. That would be 100-fold the cost. We talked about bridging that entire area, but bridges are far more expensive than concrete culverts."

In addition to alleviating flooding, the project will also allow the county to create a new park with trails and a kayak launch, Struck said. A small parking area would be created on the north end of the project area.

"This will become part of the Ozaukee County park system," he said.

But while most parkland created with money from the Department of Natural

Resources can be used for hunting or trapping, this one would not, Struck said, because the village has an ordinance prohibiting this.

Fishing would likely be allowed, he added, noting that the wetland restoration will help create a spawning area.

"It really will be a nice amenity," Struck said. "But habitat restoration is a secondary goal here."

Seitz noted that the village had planned to create a kayak launch just north of the project area — something it won't have to do if the county's plan becomes reality.

"By doing this, we're accomplishing part of our 2030 comprehensive plan," he said.

The project also is consistent with the comprehensive plan's goal of protecting natural resource features in the area, officials said.

Trustees noted that the county's plan calls for five properties to be obtained by the county.

"What if some of them (property owners) don't sell?" Trustee Scott Fischer asked. "Is this an all or nothing project?"

Not necessarily, Struck said.

"The more land, the better the job we can do," he said, because it increases the ability

to hold stormwater until it can return to the river or be absorbed into the ground.

Struck said the county intends to acquire land from willing buyers, noting officials have had "very preliminary" talks with them.

"We hope we can work with them," he said.

He said the village could seek compensation for its parcel, but noted the stewardship grant cannot be used to acquire municipal property.

The county has applied for other funding that could be used for this purpose, Struck said, and it will seek grants for other portions of the project as well.

But trustees declined to seek compensation.

"I don't know why we should go after compensation," Nowlen said, noting that the land can't be developed. "What else would we do with the land?"

"Basically, it's just sitting there," Village Administrator Dawn Wagner said.

Struck said the county hopes to start acquiring the needed parcels within a year and, depending on how that goes, to begin construction in three to five years.

River History Day set for Saturday

Nursing an important fish stream back to health

■ *County's efforts to restore Mineral Springs Creek in Port highlighted during Love Our Great Lakes Day*

By **DAN BENSON**
Ozaukee Press staff

One of Ozaukee County's most important streams for spawning fish is nearing a return to its natural state following years of disruption due to the habitat being destroyed by heavy rainfall and an emergency response.

Ozaukee County Director of Planning and Parks Andrew Struck gave an update on the Mineral Springs Creek project Saturday for Love Our Great Lakes Day, which was attended by various officials involved in preserving Lake Michigan and its environment.

About one month remains on the first phase of restoring the creek, which runs from the Port Washington industrial park northeast until it joins Sauk Creek in Coal Dock Park.

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

In response, the City of Port Washington



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

But the DNR later determined the repair effectively created a dam that impedes fish pas-



THE MINERAL SPRINGS CREEK streambed (seen looking east from Ravine Street in Port Washington), which was washed out by a torrential rain storm in 2018, is nearly restored, Ozaukee County Planning and Parks Director Andrew Struck told people on Saturday as part of the Love Our Great Lakes Day event.

Photos by Sam Arendt

sage, and the city must remove the obstruction.

Working with the county, which secured \$730,000 in grants to restore fish passages in Mineral Springs Creek, habitat along the waterway is being restored.

The city is contributing \$65,000 over three years toward the work, and has agreed

to consult the county before any future work on the creek is done so officials can assess the impact on fish and give it control of Oakland Green Park, either in the form of a conservation easement or by deeding the property to the county.

See Creek on page 11B

Creek: *Port Washington stream is home to salmon, suckers, forage fish*

FROM PAGE 2B

The conditions are requirements of the grants.

Between 2013 and 2017, the county Planning and Parks Department, the City of Port Washington and We Energies worked on several fish passage projects on the creek.

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

One reason for that is the creek is largely

fed by ground water, making the water colder than other streams, he said.

The grant funds will be used to regrade and vegetate the ravine slopes and rebuild the stream bed with larger stone that can resist movement during future storms and that will allow fish passage past the dam.

The second phase of the project will be to restore native vegetation at Oakland Green Park. Struck said that work will begin next year and could take up to two years to complete.

County to celebrate acquisition of Clay Bluffs Cedar Gorge Nature Preserve

PORT WASHINGTON — The Ozaukee County Planning and Parks Department is hosting a public event to celebrate the acquisition and including of Ozaukee County's newest County Preserve — Clay Bluffs Cedar Gorge Nature Preserve — into the Ozaukee County Park System at 1:30 p.m. Thursday.

The celebration event will take place at Lion's Den Gorge Nature Preserve's newly constructed pavilion, 511 High Bluff Drive in Grafton.

The celebration will formally recognize the county's Planning and Parks Department's federal, state, local and private funding partners who made the

acquisition possible, including the US Forest Service Community Forest Program, the US Fish and Wildlife Service Great Lakes Restoration Initiative Joint Venture Program and National Coastal Wetlands Conservation Program, the National Oceanic and Atmospheric Administration through the Wisconsin Coastal Management Program, the US Environmental Protection Agency — Great Lakes Restoration Initiative through the Wisconsin Department of Natural Resources Office of Great Waters, Ozaukee County Board of Supervisors and the Ozaukee Washington Land Trust through its members.

Ozaukee Square plan gets roughed up in Port

By KRISTYN HALBIG ZIEHM
Ozaukee Press staff

A standing room only crowd packed into Port Washington City Hall Tuesday, many of them expressing concerns over the Ozaukee Square project that would transform two blocks of downtown Port.

Most of the more than 15 people who spoke had concerns about the project proposed by Mequon developer Cindy Shaffer, and the vast majority of those concerns were about the speed at which the project is moving and the enormity of the plan, which would encompass two blocks near downtown Port.

■ Residents pack meeting to express concerns about sweeping development proposal that calls for razing of City Hall

"Slow your roll. We have a viable lake-front downtown community," Brenda Shupe of Washington Street said. "Let's really take our time and see what we want to do. We can only do this once. Let's do it right. Let's be very careful."

Jason Wittek, 140 E. Woodruff St., told aldermen he does not support the project, adding he is "strongly in favor" of preserving City Hall and neighboring Old Theatre Square.

"I cannot support the wholesale demolition of properties on one side of a block for the promise of something new, no matter the assessed value," Wittek said.

"What makes downtown Port Washington great is the collage of buildings found on 260 foot-by-360-foot blocks. Every 16 to 24 feet or so, you have a different building, a different architectural style, a different retailer or service. It is the sum of those individual buildings and the people

within them that create great places."

Ald. John Sigwart challenged Shaffer to come up with an alternative plan that preserves City Hall and Old Theatre Square, even if that means there would be an eight-story building along Milwaukee Street. Shaffer had proposed that tower but said Tuesday she lowered the building height based on community input.

"Is this all or nothing? What does it take to keep these two buildings in place?" Sigwart asked.

"I'm more than willing to look at it," Shaffer said.

See **Development** on page 4B

Development: Residents recall Blues Factory experience

FROM PAGE 1B

But Mayor Ted Neitzke said he did not want to see such a tall building on Milwaukee Street, nor on the county parking lot land, where he said the building could be dug into the ground more so the height is lower.

"Going up five to six stories would change things," he said.

Several people urged aldermen to take residents' concerns seriously, saying that their experience opposing the former Blues Factory proposal for the north marina parking lot only to have the plan approved by the city left them feeling as if they had no voice.

"So many of us are concerned about the results of the Blues Factory (building proposal) and how the wishes of the citizens were not taken into consideration," Sue Didier said.

She suggested officials should focus on infrastructure needs such as impending improvements to the water and wastewater plants and improving emergency services first.

Paul Schueller of Nautica Drive said when he expressed that view to one official, they said "that's exactly why we should do the project, we need the revenue."

"That is massively scary to me," Schueller said, adding officials shouldn't look for revenue and ignore aesthetics and the character of the community.

"I look forward to us not jumping at the first shiny object that comes along," he said.

The fact the plan would encompass City Hall and include a new library bothered some other people.

"It seems to me this town has a real penchant to knock things down," Shane Schmutzler of Patrick Court said. "We have different parts of the city, it doesn't all look the same. We have things that are different looking, unique. It's amazing how many towns are starting to look all the same."

"I really think we need to be aware of what we're doing before you knock it down. Slow down and think. I don't know what the rush is."

Burt Babcock of West Main Street told aldermen he is "disappointed to see another pending development that does not have as its backbone the things that make Port Washington a great place to live — smaller scale houses, its main street, marina and many views of the lake. The design of this development does not show the character of uniqueness of Port Washington."

"To me, the proposed plans appear similar to a Highway 33 exit that you would stop at for a fast food lunch."

If the city is to sell City Hall, he said, it should seek bids from multiple developers to find the best plan for the community.

Stephanie Haacke of Wisconsin Street asked how the plan would benefit "everyday residents" of the community.

"This is a quaint town," she said. "An eight-story building is a little ridiculous."

She also told aldermen that while change is difficult, transparency is essential.

"You need to create awareness and bring people along," she said.

The fact that many questions remain unanswered worried some people.

Barry Genson, a retired Port architect, told the council, "I have so many questions. I'm not against the project. I want to make sure it's thoroughly vetted. I would hope the city would slow down."

The comments didn't deter Shaffer, who said, "This is clearly a community that cares. I like to work in communities that care."

Her plan calls for her to acquire City Hall, Old Theatre Square at 116 W. Grand Ave. — which she has under contract — and the Family Promise building at 136 W. Grand Ave. and raze them, replacing them with an L-shaped building that would be five stories with 10,000 square feet of commercial space and about 90 apartments, as well as parking.

The Ozaukee County Administration Center and Historic Courthouse would remain, but in the current parking lot north of those buildings Shaffer plans to create a public square with an L-shaped building against the hillside on the north.



AMONG THE MANY Port residents who spoke at Tuesday's Common Council meeting was Jason Wittek (right), who told aldermen he opposes the Ozaukee Square project because it calls for tearing down City Hall and the Old Theatre Square building.

Photo by Sam Arendt

The building would have a mix of about 90 apartments, as well as space for a library and parking, with a public plaza in front.

In all, Shaffer said, her plan calls for 178 free public parking spaces in the buildings — an increase from the existing 165 spaces — as well as parking for residents of the apartments.

The housing, she said, would be aimed at workers in the area.

Shaffer said her proposal meets many of the goals set out in the city's proposed downtown plan.

"If I don't develop this, someone else will," she said, adding she believes she will be more responsive to community concerns.

Shaffer's plan doesn't touch the Poole Funeral Home or Edward Jones buildings, but it calls for moving the house next to Poole Funeral Home to the alley behind the funeral home, creating a row of three historic houses along Wisconsin Street.

That could provide a home for businesses currently in the Old Theatre Square building while her new building on Grand Avenue is constructed, Shaffer said.

Shaffer, who said she would likely work on the courthouse parking lot portion of the plan first before beginning the Grand Avenue phase, said her proposal would increase the tax base from the existing \$26,292 to \$578,032.

"This is not a final plan," she said, adding she will adapt comments from the meeting before presenting a concept plan to the Plan Commission on Nov. 17. "I want to get this right."

Shaffer added that during three listening sessions she held, attended by 55 people,

44% favored her plan.

Aldermen, like the public, expressed some concerns about Shaffer's proposal, everything from the traffic flow on Main Street and the name of the project.

Ald. Mike Gasper said the north building should have more than housing and the library, noting they won't draw traffic to the public square. Some commercial uses would help draw people, he said.

"Without another attractor, this has the opportunity to be a dead square," he said.

Neitzke said he opposes any plan to relocate the library, while Ald. Jonathan Pleitner suggested that instead of a library, a community center could serve that purpose since it could draw people during hours a library would be closed.

Gasper also questioned who would pay for the public parking, something Shaffer said would have to be negotiated with the city.

Several aldermen — as well as audience members — spoke in favor of the planned workforce housing but questioned if this use would be maintained.

"Once housing hits the market, it tends to reflect market costs," Ald. Pat Tearney said.

Shaffer said she will be applying for credits to make the housing possible, adding that the state is stringent in enforcing this type of housing.

Aldermen also questioned the idea of a tax incremental financing district for the project — something Shaffer said is needed to make it reality.

Neitzke thanked Shaffer for her ideas, but added, "I wish you luck but we're not going to make it easy."

PORT WASHINGTON

Proposed pedestrianized square would have apts., commercial space

Alex Groth

Now News Group

While planning a proposal for a Port Washington apartment complex, the owner of Shaffer Development walked out of City Hall and noticed that the large municipal parking lot seemed like a good opportunity for a pedestrianized square.

"It's just felt like it was a missed opportunity," said owner of Shaffer Development Cindy Shaffer.

The proposal for the Ozaukee Square would transform the area between Grand Avenue and Washington Street, bordered by Milwaukee and Wisconsin streets. The redevelopment proposal will be in partnership with Ozaukee County, The City of Port

Washington and Shaffer Development.

Under the plan, the square would activate Grand Avenue with new commercial space for Family Promise, Java Dock and other commercial tenants in the area. Residential units above commercial spaces would include a rooftop garden and a dog area.

The public square would have green space, gardens and seating. There would be space for a potential ice rink, lawn bowling and outdoor heated seating, according to the plan.

The developer is currently looking at including 80 rental units per building. The plan is to make the units efficient to keep

See **SQUARE**, Page 8

Square

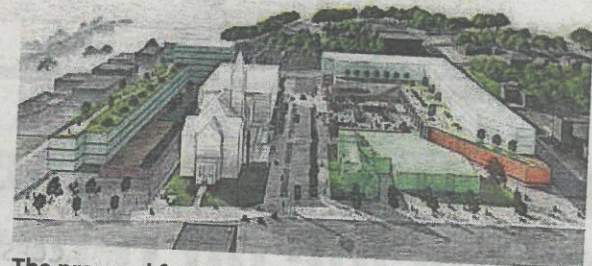
Continued from Page 3

rents affordable.

To address parking concerns, Shaffer said they are planning to add structured parking with a suggestion from residents to have a valet service which would provide transportation to downtown, according to the plan.

"I think we've become hopefully less reliant on automobiles. We're adjacent to the Ozaukee Inter-urban Trail and this square will be connected to that," said Shaffer.

The square would also feature a historical display honoring the history of Port Washington's indigenous people. Additionally, there would be a promenade along Wisconsin Street



The proposal for the Ozaukee Square would transform the area between Grand Avenue and Washington Street in Port Washington. The project is set to go before Common Council on Oct. 18, for a pre-concept plan meeting. SHAFFER DEVELOPMENT

leading to the Firefighters Memorial.

Estimated completion for the project is scheduled for late spring or early summer of 2023 with an 18- to 24-month construction time frame, according to the developer estimates.

Shaffer is planning to apply for tax credits and will need a TIF. The exact

amount for the application will not be known until the plan is finalized, said Shaffer.

The project is set to go before Common Council on Oct. 18 for a pre-concept plan meeting.

Contact Alex Groth at agroth@gannett.com. Follow her on Twitter @grothalexandria.



Tue 10/4/2022 4:29 PM

Cecilia Devine <cadevine13@gmail.com>

Devine Memorial Bench

To Angela Richter



You forwarded this message on 10/21/2022 4:56 PM.

If there are problems with how this message is displayed, click here to view it in a web browser.

IMG_4450.jpeg
1 MBIMG_0615.jpeg
3 MB

CAUTION: This email originated from outside of the organization. Do not click links, open attachments, or reply unless you recognize the sender and know the content is safe.

Angela

I just noticed that I still had a draft message to you. Apparently I wrote it but never sent it. The family was thrilled with the bench and tree. Later my daughter was able to fly in from Atlanta and was able to go to the bench.

Thank you for your time and effort in getting this accomplished for us.

Cecilia

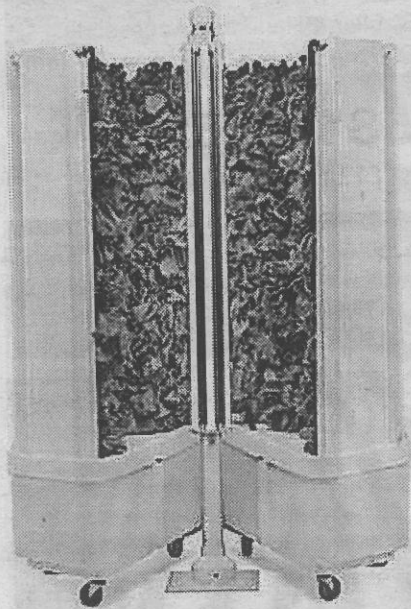


Attachment: CeciliaDevine_MemorialBench-Tree_Email (P&PDept_Management&FinancialReports)



NEWS

Apartments proposed for Port Washington would feature farm with chicken coop



The Farm apartment complex proposed for Port Washington would include hydroponic indoor farms, which can grow nearly 400 pounds of produce annually.

Alex Groth
Now News Group

One of the first apartment complexes in Southeastern Wisconsin blending farming and housing is being proposed for Port Washington.

The Farm, a new agricultural neighborhood, is proposed for 2326-2332 Sunset Road in Port Washington. The project features nine private entrance, 22-unit stacked ranch buildings with attached garages.

The complex would include pollinator gardens, beehives, chicken coops and edible landscapes. The community club house would have hydroponic gar-



The Farm, a residential development proposed for 2326-2332 Sunset Road in Port Washington aims to integrate technology with farm-to-table lifestyle. The project is planned to go before the planning commission Oct. 20 for pre-concept review. IMAGES COURTESY SHAFFER DEVELOPMENT

"I feel that we're going to see greater demand for this with food insecurity and healthy eating and really food as medicine."

Cindy Shaffer
Shaffer Development owner

dens and a commercial kitchen with a large dining room to host dinners.

Hydroponic indoor farms can grow more than 394 pounds of produce annually, according to the proposal.

The hydroponic vertical farms can grow produce like lettuce, tomatoes and various herbs.

The project would also include a playground that would be open to the public.

Mequon-based Shaffer Development

LLC discussed a similar development in Germantown in 2019 but dropped the project due to high sewer and water costs. The developer said those won't be concerns at the Port Washington site because the site already has sewer and water.

"I feel that we're going to see greater demand for this with food insecurity and healthy eating and really food as medicine," said Shaffer Development owner Cindy Shaffer.

The developer is also planning to apply for tax credits and will need a TIF. Shaffer said the amount of funding needed will depend on the cost of the final proposal for the project.

Estimated completion for the project is scheduled for late spring or early summer of 2023 with an 18- to 24 month construction time frame, according to the developer estimates.

In the future, Shaffer said she hopes more agriculture apartments become more popular developments across the state. She said it's a chance to also help farmers who might be struggling to afford their land.

The project is planned to go before the planning commission on Oct. 18 for pre-concept review.

Contact Alex Groth at agroth@gannett.com. Follow her on Twitter at @grothalexandria.