

AGENDA

Eau Claire County

• Land Conservation Commission •

Date: Tuesday, October 11, 2022 **Time:** Immediately following the adjournment of the 6:00 pm Land & Water Resource Management Plan public comment hearing.

Location: *Ag Resource Center, Room-103 & 104*
227 1st Street West, Altoona, WI 54720

Join WebEx Meeting: <https://eauclairecounty.webex.com/>
Meeting number: 2594 790 7893, Password: sJkQ9nHBb24

**Meeting audio can be listened to using this Audio conference dial in information.*

Audio conference: 1-415-655-0001, Access Code: 25947907893##

For those wishing to make public comment, you must e-mail Chad Berge at chad.berge@eauclairecounty.gov at least 30 minutes prior to the start of the meeting.

AGENDA

1. Call to order by Chair
2. Roll call
3. Confirmation of Compliance with Open Meeting Law
4. Public Comment Period
5. Review/Approval of September 29, 2022, meeting minutes. (Discussion/Action) **Pages 2-4**
6. Review Vouchers and Ledger Update. (Discussion) **Page 5**
7. Approval of new and/or previously authorized Cost-Share agreements. (Discussion/Action)
8. Review Lake Monitoring & Protection Network application and agreement with Beaver Creek Reserve. (Discussion/Action) **Pages 6-12**
9. Review and approval of Resolution 22-23/063 Approval of the 2022-2032 Land & Water Resource Management Plan. (Discussion/Action) **Pages 13-14**
 - a. View the draft plan here: [Eau Claire County Land & Water Resource Management Plan \(Draft Plan\)](#)
 - b. View the appendices here: [Eau Claire County Land & Water Resource Management Plan \(Appendices\)](#)
10. Review of the Land and Water Conservation Board questions pertaining to the 2022 Land & Water Resource Management Plan revisions. (Discussion) **Pages 15-32**
11. Selection of Conservation Award Nominees (Discussion)
12. National Association of Conservation Districts Membership Dues (Discussion/Action) **Page 33**
13. Committee, Staff and Agency Updates
 - a. Eau Claire River Watershed Coalition
 - b. Targeted Runoff Management (TRM) program
 - c. Multi-Discharger Variance (MDV) program
 - d. Land Stewardship Subcommittee – Mathy/Taylor Creek Update
 - e. USDA-NRCS / FSA
 - f. DNR-Forestry
 - g. UW-Extension
 - h. Beaver Creek Reserve **Pages 34-48**
14. Future Agenda items
15. Set date for next meeting
16. Adjourn

Prepared by: Holly Weigand

PLEASE NOTE: Upon reasonable notice, efforts will be made to accommodate the needs of individuals with disabilities through sign language, interpreters, remote access, or other auxiliary aids. Contact the clerk of the committee or Administration for assistance (715-839-5106). For additional information on ADA requests, contact the County ADA Coordinator at 839-6945, (FAX) 839-1669 or 839-4735, TTY: use Relay (711) or by writing to the ADA Coordinator, Human Resources, Eau Claire County Courthouse, 721 Oxford Avenue, Eau Claire, WI 54703.

**EAU CLAIRE COUNTY
LAND CONSERVATION COMMISSION**

MEETING MINUTES – THURSDAY, SEPTEMBER 29, 2022

AG RESOURCE CENTER, RM. 103 & 104

227 – 1ST STREET WEST, ALTOONA, WI 54720

Members Present: Robin Leary, Tami Schraufnagel, Dean Solie, Glory Adams, Heather DeLuka, Jodi Lepsch, Missy Christopherson
Members Absent: Ricky Strauch
Staff Present: Chad Berge, Christina Rauh, Tim Wucherer, Zach Mohr – Land Conservation Division, Rod Eslinger (P&D)
Others Present: Kevin Stelljes (Land Stewardship Subcommittee), Candy Anderson (Mathy Construction)

1) Call to order by Chair

Chair Leary called the meeting to order at 1:00 pm.

2) Roll call

Roll call was taken. A quorum was present with 6 members in attendance.

3) Confirmation of Compliance with Open Meetings Law

Leary confirmed compliance with the open meetings law.

4) Public Comment Period

Berge introduced Zachary Mohr, the recently hired Conservation Technician I.

5) Review/Approval of August 1, 2022 and August 29, 2022, meeting minutes

ACTION: Motion by Deluke to approve minutes as presented. Motion carried on a voice vote with none in opposition, 6-0-0.

6) Review Vouchers and Ledger Update

The August 2022 expenditures and revenues were reviewed.

1:06 pm - Missy Christopherson arrived at the meeting.

7) Approval of new and/or previously authorized Cost-Share agreements

No cost-share applications were previously authorized. The following cost-share applications were presented for approval:

- Ray Chapek – Well Abandonment - \$175.00 (County Levy Funds)
- Donald Steinke – Nutrient Management – \$1,000.00 (SEG) No action, agreement was previously authorized.
- Darin & Rachel Stanton – Nutrient Management - \$5,240.00 (SEG)

ACTION: Motion by Lepsch, second by Adams to approve the cost-share agreement as presented. Motion carried on a voice vote with none in opposition, 7-0-0.

8) Proposed Resolution: File No. 22-23/059 Resolution accepting a land donation.

DISCUSSION: Kevin Stelljes provided a brief presentation describing the property, history, resolution, and an overview of the Land Stewardship Subcommittee. Leary posed a question as to the potential lost tax revenue. Stelljes estimated, after reviewing the current taxes, that approximately \$6,500.00 would be removed from the tax roll.

ACTION: Motion by Schraufnagel to approve the resolution authorizing Corporation Counsel to enter into an agreement with Taylor Creek Development, Eau Claire Sand and Gravel, and Mathy Construction Co. to accept their offered donation of land. Motion carried on a voice vote with none in opposition, 7-0-0.

9) Review preliminary draft of the Land and Water Resource Management Plan

Berge led the review of the draft plan. None of the members had concerns regarding the draft plan.

10) Conservation Award nominees

Leary opened the discussion regarding conservation award nominees. It was requested by the members that a nominee bio be provided for the October meeting so the members could better vet the potential award nominees.

11) Committee, Staff and Agency Updates

Brief reviews and updates were provided.

a. Eau Claire River Watershed Coalition:

Rauh attended the most recent meeting and provided an update.

b. Targeted Runoff Management (TRM) program:

Berge provided an update that the LCD received an additional \$3,946.02 in staffing reimbursement and Regional Planning has closed the grant.

c. Multi-Discharger Variance (MDV) program:

Projected 2023 funding according to the WI DNR is \$4,545.62.

d. Water Quality Trading with the City of Augusta: Project is complete. Berge will provide a project review at a future meeting.

e. Land Stewardship Subcommittee:

Mathy/Taylor Creek property donation moving forward with the Resolution being presented to the Committee on Parks and Forest on October 10, 2022, and the Committee on Administration on October 11, 2022.

f. USDA-NRCS / FSA:

No report.

g. DNR-Forestry:

No report.

h. UW-Extension:

No report.

12) Future Agenda Items.

Water Quality Trading presentation.

13) Set date for next meeting

The public hearing date to review the Land and Water Resource Management Plan is on October 11, 2022, at 6:00 pm. The next LCC meeting was set for October 11, 2022, to be held immediately after adjourning from the public hearing. The November LCC meeting was set for November 14, 2022, at 1:00 pm.

14) Adjourn

Leary adjourned the meeting at 2:09 p.m.

Respectfully submitted,

Chad Berge

Chad Berge, LCC Clerk

Draft

Land Conservation Division 2022 Bills and Deposits

The following bills were sent to the Finance Department for payment.

September

Invoices

Vendor	Description	Account #	Amount
Laura's Lane Nursery	Tree Sale	100-15-56922-829-701	\$ 1,850.00
Ayres Associates	Phase 1 ESA	100-15-56922-821-790	\$ 3,600.00
Voyager	August Fuel	100-15-56920-330-000	\$ 185.95
Julia Smith	WA-22-04	207-15-56924-390-703	\$ 400.00
Eau Claire Highway	Fuel	100-15-56920-330-000	\$ 77.94
Engel's Nursery	Tree Sale	100-15-56922-829-701	\$ 550.00
Alpha Nurseries Inc	Tree Sale	100-15-56922-829-701	\$ 1,005.00
Eau Claire County Highway	Fuel-August 2022	100-15-56920-330-000	\$ 168.44
		Total	\$ 7,837.33

Deposits

The following deposits were taken to the Treasury Department to be processed.

Vendor	Description	Date	Account Number	Amount Deposited
NEI Electric Ind	LSSC Donation - Gary Gibson	9/9/2022	100-15-48500-000-790	\$ 250.00
Simon Borntreger	EC-2022-0018	9/9/2022	100-15-46820-000-000	\$ 707.00
Jacob Borntreger	EC-2022-0017	9/9/2022	100-15-46820-000-000	\$ 290.00
Otten Investments	EC-2022-0014	9/12/2022	100-15-46820-000-000	\$ 290.00
West Central WI	EPA Grant Reimbursement	9/12/2022	207-15-43586-000-719	\$ 3,976.02
Kevin Wang	NTD-22-19	9/19/2022	207-15-46820-000-720	\$ 98.00
Advanced Engineering Concepts	EC-22-19	9/21/2022	100-15-46820-000-000	\$ 290.00
Everyday Surveying	SW-22-05 (JR Menard)	9/26/2022	100-15-46820-000-000	\$ 1,002.95
Advanced Engineering Concepts	SW-22-06 (Town of Washington - Storage)	9/26/2022	100-15-46820-000-000	\$ 2,687.37
Duane Kinldworth	NTD-22-18	9/28/2022	207-15-46820-000-720	\$ 98.00
Advanced Engineering Concepts	SW-22-07 (Ryan Plumbing Inc Shop)	9/30/2022	100-15-46820-000-000	\$ 875.00
Signature Homes	EC-22-21 (McCain)	9/30/2022	100-15-46820-000-000	\$ 290.00
			Total	\$ 10,854.34

Notice: Use of this form is required by the Department of Natural Resources for any application filed pursuant to ch. NR 193, Wis. Adm. Code. Personal information collected on this form, will be used for administrative purpose and may be provided to requesters to the extent required by Wisconsin's Public Records Laws [ss. 19.31–19.39 Wis. Stats.] To be considered, applications must either be submitted electronically or postmarked by November 1st. The preferred method of application submittal is via email to DNRSurfaceWaterGrants@wisconsin.gov, using the **Submit by Email** button on this form.

Section 1: Accepting the County's Allocation	
Who will be accepting the county's allocated funding? <input type="radio"/> County <input checked="" type="radio"/> Designated Cooperative Agent(s)	Single County Allocation Amount Requested <p style="text-align: right;">12,361.27</p>

Section 2: Applicant Information		<i>Pre-application</i>
County Eau Claire	Period Covered by This Application <div style="border: 1px solid black; padding: 2px; display: inline-block;">January 01, 2023</div> - December 31, 20 <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 20px; text-align: center;">23</div>	
County Representative Name Chad Berge	County Representative Title Land Conservation Manager	
County Rep. Phone Number (include area code) (715) 839-4784	Ext.	County Representative E-mail Address chad.berge@eauclairecounty.gov
Designated Cooperative Agent Organization(s) Beaver Creek Reserve	Designated Cooperative Agent Name(s) Erik Keisler - Executive Director	
Designated Agent Phone Number (include area code) (715) 877-2212	Ext.	Designated Agent E-mail Address erik@beavercreekreserve.org

Section 3: Network Cooperative Services within County
 Eau Claire County designates **Beaver Creek Reserve** as its agent and authorizes the WI Department of Natural Resources (WDNR) to allocate the COUNTY's share of the Lake Monitoring and Protection Network funds to **Beaver Creek Reserve** for the activities identified in **Beaver Creek Reserve's** Duties of the Agent section of the attached agreement between **Eau Claire County** and **Beaver Creek Reserve** titled Cooperative Agreement To Satisfy Eligibility for **Beaver Creek Reserve**.

Section 4: Project Budget *Pre-application*
 The budget will be listed in the cooperative agreement that is included with the application materials. The budget in the cooperative agreement will be a summary of the project overall and does not need to be broken down by county.

Section 5: Attachments (check all that are included)
 A signed cooperative agreement between the county(ies) and designated agent including a budget for network activities
 Note: The designated agent will submit an authorizing resolution. No authorizing resolution is required from the county. Only one copy of the cooperative agreement needs to be submitted when signed by all parties.

Section 6: Certification

 Signature of County Representative _____
 Date Signed

Cooperative Agreement
to Satisfy Eligibility for
Beaver Creek Reserve
Calendar Year 2023

Project Title: Beaver Creek Reserve Regional LMPN for Buffalo, Chippewa, Dunn, Eau Claire, Pepin, and Rusk Counties

Term of Agreement: January 1, 2023 – December 31, 2023

A. General Purpose

This Agreement documents the manner in which Beaver Creek Reserve (hereafter “agent”) will provide core Aquatic Invasive Species (“AIS”) Prevention and Citizen Lake Monitoring Network (“CLMN”) services in the coverage area during the Term of Agreement referenced above. The coverage area includes the following counties: Buffalo, Chippewa, Dunn, Eau Claire, Pepin, and Rusk.

B. Eau Claire County designates Beaver Creek Reserve as its agent.

C. Goal of Eau Claire County

To improve surface water quality through the detection, prevention, and control of AIS and monitoring of lake water quality conditions.

D. Goal of Beaver Creek Reserve

To provide technical assistance to communities, stakeholders, and volunteers within the coverage area to prevent the spread of AIS, to provide education about AIS impacts and prevention, and to conduct lake monitoring.

E. Annual Meeting Requirement

All parties agree to meet annually to plan, prioritize, and coordinate pilot project activities.

F. Duties of the Agent

In cooperation with the Wisconsin Department of Natural Resources (WDNR), the agent agrees to continue to implement an AIS Prevention and Outreach Program throughout coverage area. The agent will perform the following:

- 1) Provide local support and assistance in implementation of statewide communication and education priorities to ensure consistent AIS messaging.
 - a. Work with WDNR and UW Madison, Division of Extension in implementation of the Wisconsin Statewide Aquatic Invasive Species Strategic Plan.

- b. Collaborate with WDNR on delivery of consistent project communication, outreach, and educational programming.
- c. Participate in and coordinate local partner involvement in at least four statewide AIS initiatives including Landing Blitz, Drain Campaign, Waterfowl Hunter Outreach, Bait Shop Initiative and other campaigns as directed by the WDNR to AIS stakeholders in the coverage area. This includes providing media tools, resources, and messaging prompts to partners.
- d. Coordinate with WDNR staff and other local partners within the coverage area to share AIS prevention and education efforts.
- e. Meet with cooperative invasive species management areas (CISMAs), to assist with AIS education, monitoring, and response efforts.
- f. Assist AIS grant recipients with AIS education and outreach tools to ensure consistent messaging as grants are awarded.
- g. Participate in WDNR training on AIS Response Framework, including verification of AIS.
- h. Assist the WDNR, UW Madison, Division of Extension, UW-Sea Grant, and other partners in identifying audiences and knowledge gaps in AIS prevention, awareness, and compliance.
- i. Attend annual WDNR AIS and UW Lakes Partnership events and training sessions including, but not limited to:
 - i. AIS Partnership meetings
 - ii. Aquatic Invasive Species training sessions
 - iii. Clean Boats, Clean Waters (CBCW) trainings
 - iv. CLMN trainings
 - v. Purple Loosestrife Biocontrol trainings
 - vi. AIS Response Framework trainings
- j. Adhere to decontamination and disinfection protocols required by the WDNR for controlling, transporting, and disposing of aquatic plants and animals, and moving water. This includes requirements under s. 30.07, Wis. Stats., and ss. NR 19.055 and NR 40.07, Wis. Adm. Code, as well as compliance with the most recent WDNR approved 'Boat, Gear, and Equipment Decontamination and Disinfection Protocol'.
- k. Serve as media contact for the coverage area for relevant WDNR campaigns.

- 2) Coordinate the CLMN in Buffalo, Chippewa, Dunn, Eau Claire, Pepin and Rusk Counties including water quality and/or AIS components:
 - a. Conduct at least 2 CLMN training workshops for volunteers.
 - b. Manage and distribute lake monitoring equipment.
 - c. Train new volunteers on use of monitoring equipment, as needed.
 - d. Perform at least 2 field checks on citizen monitors and conduct quality assurance checks on data entered into the WDNR Surface Water Integrated Monitoring System (SWIMS) by citizen monitors at the end of monitoring year.
 - e. Provide email/phone support to answer questions and be point of contact to CLMN volunteers.
 - f. Assist with SWIMS data entry, as needed.
- 3) Collect and report other chemical, biological, or physical data on lakes and lake ecosystems, including data on water levels and lake ice extent and duration as requested by WDNR.
- 4) Coordinate early detection monitoring for AIS:
 - a. Serve as local coordinator of the annual AIS Snapshot Day by recruiting and training volunteers and monitor at least 6 locations.
 - b. Monitor for AIS using CLMN methods at public boat launches.
 - c. Provide AIS response monitoring based on reports of AIS findings or repeated instances of AIS.
 - d. Assist with other AIS Pathways monitoring including pet store monitoring as needed by the WDNR, US Fish and Wildlife Service, UW Sea Grant, Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP), etc.
 - e. Conduct at least 2 Project Riverine Early Detection (Project RED) training workshops for volunteers.
- 5) Coordinate the Clean Boats, Clean Waters (CBCW) watercraft inspection program:
 - a. Seek volunteers to staff boat launches and educate boaters about AIS and prevention steps.
 - b. Organize and coordinate at least 3 CBCW trainings to train volunteers and/or paid staff on methods to conduct boat inspections and educate boaters about the AIS prevention steps.
 - c. Work with partners to apply for CBCW grants to fund additional inspectors.
- 6) Coordinate the implementation of the Purple Loosestrife Biocontrol Program in Buffalo, Chippewa, Dunn, Eau Claire, Pepin, and Rusk Counties:
 - a. Support and expand the existing network of purple loosestrife biocontrol partners.
 - b. Plan and conduct at least 1 training workshop for purple loosestrife biocontrol partners.
 - c. Help identify insectaries, coordinate the collection and distribution of purple loosestrife biocontrol organisms to all interested partners, and target the release of organisms, where needed.
 - d. Work with WDNR and UW Madison, Division of Extension to report infestations and track biocontrol releases in the SWIMS database.

- 7) Write a quarterly electronic newsletter to provide AIS information and updates on Coordinator activities/outreach to partners:
 - a. Each newsletter will have, on average, two AIS-related articles.
 - b. Articles from newsletter will be shared through relevant social media.
 - c. Share relevant AIS articles with new and previously established partners for use in their newsletters.
 - d. Submit newsletter to county partners and WDNR contacts:
(Jeanne.Scherer@wisc.edu).
- 8) Coordinate checks on WDNR AIS signage at lake/river public access sites within Buffalo, Chippewa, Dunn, Eau Claire, Pepin, and Rusk Counties:
 - a. Conduct inspections of at least 25 public access sites to verify WDNR AIS signage is in place and in good condition.
 - b. Use WDNR-approved forms to conduct signage inspections and enter data in SWIMS.
 - c. Maintain digital photographs of AIS signs that have been inspected.
 - d. Install WDNR AIS signage, as needed, and per installation protocol.
 - e. Work with WDNR to design additional AIS signage, as needed.
- 9) Provide AIS outreach and education to local partners and AIS stakeholders:
 - a. Conduct AIS and Habitattitude outreach and education at local schools, events, meetings, etc.:
 - i. Including, but not limited to, large public festivals, farmer's markets, presentations to local school children (when requested), fishing tournaments, Habitattitude pet surrender events, and stakeholder meetings (e.g., Conservation clubs, boating clubs, angling clubs, etc.).
 - ii. AIS and Habitattitude outreach and education will be held minimally at 4 events/meetings/tournaments/etc.
 - b. Network with AIS stakeholders and partners at local events and meetings.
 - c. Contact at least 2 bait shops as part of the statewide Bait Shop Initiative and provide AIS outreach message and materials.
 - d. Share, on average, 3 AIS related posts per month (May through October) via social media to increase AIS awareness and reinforce prevention messaging.
- 10) Provide technical assistance to a grantee or grant applicant for AIS prevention.
- 11) Determine and establish web links on County webpages to facilitate information exchange and volunteer opportunities through the LMPN and Beaver Creek Reserve.
 - a. Provide links to projects such as: Citizen Lake Monitoring Network, Clean Boats Clean Waters, Project Riverine Early Detection, and Purple Loosestrife Biological Control.
 - b. Provide links to partners including Cooperative Invasive Species Management Area (CISMA), Beaver Creek Reserve, and active lake groups.
- 12) Expand Chippewa County Lakes Group mailing list to lake groups in Buffalo, Dunn, Eau Claire, Pepin & Rusk Counties.
 - a. Utilize the mailing list to provide new AIS information, event invitations to educational AIS programs, and AIS volunteer opportunities.

- 13) Facilitate entry of all data into SWIMS:
 - a. Train partners how to enter AIS information into SWIMS, including for CBCW, CLMN, Purple Loosestrife Biocontrol, etc.
 - b. Ensure data entry into SWIMS is completed per annual reporting requirements that may include CBCW, CLMN, Purple Loosestrife Biocontrol, Snapshot Day, AIS Signage monitoring, and any incidental AIS findings.
- 14) Retain, for a period of six years after the end date of this agreement, all project records, including proofs of payment and proofs of purchase, showing events/tasks undertaken as part of this agreement.
 - a. This shall include:
 - i. Training sessions attended.
 - ii. Training sessions held and name of participants attending.
 - iii. Meetings with stakeholders and/or partner groups.
 - iv. AIS outreach activities.
 - v. Media contacts.
 - b. Participate in meetings with WDNR to discuss agreement accomplishments and financial status.
- 15) Submit quarterly progress reports to County Partners and WDNR.
- 16) Submit final reimbursement request to WDNR on form provided by WDNR no later than 60 days after the end of this agreement.

G. Duties of Eau Claire County

- 1) To attend periodic meetings or conference calls with WDNR and Beaver Creek Reserve for the furtherance of this project.

County Allotments

Buffalo County	\$10,475.52
Chippewa County	\$14,770.19
Dunn County	\$11,764.68
Eau Claire County	\$12,361.27
Pepin County	\$9,014.19
Rusk County	\$13,637.06
Total	\$72,022.91

Proposed Expenditures

AIS Coordinator Salary	\$44,101.07
AIS Coordinator Fringe Benefits	\$7,179.24
Salaries (Administration)	\$6,255.91
Fringe Benefits (Administration)	\$1,018.40
Travel	\$5,401.72
Supplies & Operating Expenses	\$8,066.57
Total	\$72,022.91

H. Declaration

By affixing our signatures below, we swear that the document above accurately portrays the relationship and intent of all parties.

FOR Eau Claire County	FOR Beaver Creek Reserve
By: _____	By: _____
Title: _____	Title: _____
Date Signed _____	Date Signed _____

FACT SHEET

TO FILE NO. 22-23/063

To Approve the 2022-2032 Eau Claire County Land & Water Resource Management (LWRM) Plan

The County Land and Water Resource Management (LWRM) Plan is a 10-year plan (2022-2032) that will guide soil and water conservation activities in the County. The LWRM plan is intended to guide and direct activities within the Land Conservation Division (LCD) for the next ten years. The plan is designed to protect and preserve our County's natural resources. The implementation strategies and goals of the plan are intended to meet state standards for both urban and rural areas. The goal of the state performance standards and prohibitions, mainly under Chapter NR 151 of Wis. Adm. Code, is to control non-point source pollution. Many of the activities outlined therein are in partnership with other county departments, cities, and lake organizations as we strive to collaborate on projects.

Wisconsin Chapter ATCP 50.12 requires each county to prepare and approve a LWRM plan. Receiving an annual Soil and Water Resource Management Grant (SWRM) is contingent upon meeting this requirement. The County Board has approved previous plans for 1999-2004, an extension for 2004-2007, extension for 2007-2011, and the expiring plan for 2012 - 2022. With the expiration of the 2012-2022 plan, the LCD is required to submit a revised 10-year comprehensive plan in accordance with ATCP 50.12 (5) of Wis. Adm. Codes.

Public and Agency Participation

This plan document is a result of input from the Citizen Advisory Committee, Land Conservation Commission (LCC), staff, many interested advisors to the LCD, LCC meetings, and the LCC's October 11, 2022 public hearing. Advisors who provided comments include the WI DNR, lake organizations, groundwater advisors, and DATCP staff.

Land Conservation Commission

The LCC held a public hearing on October 11, 2022, and unanimously (8-0) voted to recommend approval of the plan.

Land and Water Conservation Board Approval

The plan was reviewed by the Department of Agriculture, Trade and Consumer Protection with staff recommendation of approval and presented to the Land and Water Conservation Board on December 6, 2022, who also recommended approval.

A copy of the LWRM plan is available at the Planning & Development office or by following these links: [LWRM Plan](#) and the [Appendix](#).

Fiscal Impact: An approved LWRM plan allows Eau Claire County to request annual grant funds through the DATCP & DNR SWRM program. In 2022 alone, Eau Claire County was awarded \$286,664.00 from the SWRM program. Annual allocations fluctuate but are expected to be similar for each of the planned years.

Respectfully Submitted,

Chad Berge, Land Conservation Manager
Eau Claire County Department of Planning and Development

2
3
4 RESOLUTION TO APPROVE THE 2022-2032 EAU CLAIRE COUNTY LAND AND
5 WATER RESOURCE MANAGEMENT (LWRM) PLAN
6

7 WHEREAS, Eau Claire County is required under Wis. Admin. Code § ATCP 50.12
8 to prepare and submit a comprehensive, county-wide Land and Water Resource
9 Management plan; and
10

11 WHEREAS, this plan is a guide to protecting the County’s soil and water resources
12 by setting goals and establishing a ten year implementation strategy; and
13

14 WHEREAS, the ability to accept state grants is contingent upon the County having
15 a plan approved by the Eau Claire County Board and the Wisconsin Land and Water
16 Conservation Board (LWCB); and
17

18 WHEREAS, the Eau Claire County Board and the WI LWCB have previously
19 approved a Land and Water Resource Management Plan for 1999–2004, updated versions
20 for 2004–2007 and 2007-2012, and a new plan approval for 2012-2022; and
21

22 WHEREAS, Eau Claire County is scheduled to submit a comprehensive plan
23 revision for the time frame beginning in the year 2022; and
24

25 WHEREAS, the Land Conservation Commission, Citizen Advisors, and the
26 public have all provided input, set goals, and reviewed the document resulting in the 2022-
27 2032 LWRM plan.
28

29 NOW THEREFORE BE IT RESOLVED, that the Eau Claire County Board of
30 Supervisors and Land Conservation Commission recognizes the importance of protecting our land
31 and water resources and hereby approves the 2022-2032 Eau Claire County Land & Water
32 Resource Management Plan.
33

34 ENACTED:
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Land Conservation Commission

VOTE: _____ AYE _____ NAY

Dated this _____ day of _____, 2022.



Land and Water Conservation Board
County Land and Water Resource Management Plan
Review of LWRM Plan Revisions

County: Eau Claire

Implementation Covering Past Five Years and Future Directions

Answer these four questions in writing (not to exceed 4 pages)

1. Provide a representative number of accomplishments within the last five years that can be directly traced to activities identified in multiple work plans. For each accomplishment, explain how the planning process helped the county achieve its outcome, including planning adjustments that helped better target county activities.

Over the last 5 years, 2017-2021, Eau Claire County has consistently identified nutrient management planning, allocation of SWRM bond funding to Best Management Practice (BMP) implementation and review and inspections of Stormwater and Erosion Control permits in the annual work plans.

The LCD has mainly utilized the Farmland Preservation Program (FPP) to work with county farmers to establish, implement and maintain nutrient management plans. The FPP is also the main strategy used to bring farms into compliance with NR 151. There have been approximately 270 program participants over this timeframe with the annual work plans indicating staff will review 60 plans per year. Due to staff turnover, the LCD has fell short of this goal but still managed to review 40 or more plans most years. The LCD has maintained an active Nutrient Management Farmer Education Program holding 8 meetings a year with an average farmer attendance of 37 participants.

Eau Claire County has received an average of \$47,500 in SWRM bond funds to cost share voluntary landowner BMP installation. The LCD has consistently allocated the yearly funding which is used to cost -share projects as outlined in the annual work plans. The following practices have been installed with LCD involvement:

- Grassed Waterways – 8
- Streambank Protection – 8
- Well Abandonment – 29
- Manure Storage Closure – 10
- Stream Crossings – 2
- Grade Stabilization Structures – 1
- Pasture Pump - 1

A significant workload for LCD staff is implementing Title 17.05 Erosion Control and 17.06 Stormwater Management. The division averages 29 Erosion Control Permits and 7 stormwater permits per year which is consistent with the annual work plans. A

requirement of these programs is to complete inspections to ensure the permits are being followed and to ensure erosion and stormwater are being controlled.

2. Identify any areas where the county was unable to make desired progress in implementing activities identified in recent work plans. For each area identified, explain the work plan adjustments that were made to refocus planned activities. If no areas are identified, explain how the county was able to make progress in all the areas planned.

The LCD has fell short in completing FPP 4 year on-farm site inspections. The planned progress has not been met mainly due to staff turnover. During this timeframe the LCD transitioned to the Ascent Permit Management Suite which has streamlined program management. The LCD is now fully staffed and is looking to add a summer intern to help with the inspections. Moving forward into the next plan it is anticipated the LCD can make up the backlog of inspections and meet the planned yearly requirement.

The LCD has not been able to expand Nutrient Management Planning outside of FPP. Over the next 10 years the LCD is planning to reach out to farms within the “priority farm” that have not participated in programs and work with these farmers to voluntarily implement a nutrient management program if they aren’t already. The LCD is also looking to initiate NMFE workshops in the Augusta area to provide an opportunity for the Amish community to work with the Division.

3. Describe the county’s approach to implementation of its priority farm strategy including outreach, farm inventories and making use of multiple funding sources. How has the county evaluated the effectiveness of its priority farm strategy and used this information to improve implementation of the agricultural performance standards and conservation practices on farms?

See Page 45 of current plan Priority Farm Strategy and page 45 of old plan “Priority Watersheds”.

4. Provide representative examples that show changes in direction in the county’s LWRM plan and annual work plans, with specific examples provided showing adjustments in goals, objectives, or planned activities.
 - *In 2020 the LCD purchased a no-till drill and created the No-Till Drill Rental Program. Page 49*
 - *In 2019 the LCD established a Water Quality Trading agreement with the City of Augusta to act as the Broker for the project. Page 49*
 - *In December of 2017 LCD entered into a Phosphorus Multi-Discharger Variance Agreement with the DNR. Page 49*
 - *The LCD is looking to assist with the creation of a producer led group within the county. Page 56*

Please consider answering the following optional question (not to exceed 1 page)

1. The LWCB is interested in learning how county conservation staff are addressing changing weather patterns. To this end, the LWCB reached out to WI Land + Water for guidance, see the [WI Land+Water memo](#) dated for October 28, 2020. Your response to the following question will be appreciated.

Is climate change resiliency contained in your LWRM plan (Yes or No). If yes, indicate with page number(s) or statement(s) where within the LWRM plan it is located and please consider the factors below, as examples, in your answer.

- a. *Plants and natural communities (forests, wetlands, prairies, invasive species)*
- b. *Soil and agriculture*
- c. *Weather (growing season, seasonal temperatures, precipitation)*
- d. *Infrastructure*
- e. *Land owners (residents)*
- f. *Water resources (groundwater and surface water quality and quantity)*
- g. *Fisheries*
- h. *Wildlife*
- i. *Human health and recreation*

Answer Below

Page 49 – Best Management Practice Technical Assistance

Annual Work Plans

Attach both of the following:

- a. The most current annual work plan, prepared in the current format from DATCP, and addresses all required items such as needed funding and staff hours.
- b. The work plan for the previous year that includes a column that identifies the progress in implementing the planned activities for that year.

Presentation Regarding County Resource Concerns

Prepare and present an 8-10 minute snapshot to the board regarding county resources and management issues. The county must prepare one of following as part of this brief presentation:

- a. A PowerPoint (showing what your county looks like, can include maps), or
- b. A hand out (2 page max)

Guidance on Board Review Process

The LWCB's review supplements, but does not replace compliance with the DATCP checklist for LWRM plan approval. This encourages and supports honest presentations from the county. The county is strongly encouraged to have the LCC chair or committee member be a part of the presentation to the Board to contribute policy and other insights to the discussion. The goal of the review is not to fail counties. The board recognizes the dynamic nature of the planning process. Board members are interested in how counties tackle priorities over time and how they respond to changing conditions in pursuing their priorities. The board will evaluate a county's planning and implementation based on how well the county balances and prioritizes the following: agricultural performance standards, other state priorities (impaired waters, FPP checks), and local priorities. When needed, the Board will provide constructive support to counties to improve the quality of their planning.

Land Conservation Committee Notification

The LCC was provided a completed copy of this form (including attachments) on: October 11, 2022

Signature of Authorized Representative: _____ **Date:** _____
(e.g. County Conservationist, LCC chair)

Send completed form and attachments to:
Lisa.Trumble@wi.gov

2021 ANNUAL WORK PLAN LOCALLY-IDENTIFIED PRIORITIES

Guidance

Items included in the annual work plan must be consistent with the goals and objectives described in the County's LWRM Plan. References to the county LWRM plan, such as goal number or objective number, are not required, but can be added to Table 1 under "Category."

The work plan template includes five tables. Table 1 is designed to allow for a more detailed and county-specific narrative summary of planned activities and performance measurements. Tables 2, 3 and 4 are designed to capture activities that are more easily quantified. If you include information in Table 2, 3 and 4, you do not have to also include this information in Table 1. Table 5 can be used to meet LWRM planning requirements for costs and hours.

To complete Table 1:

- Describe all relevant planned activities for each applicable category, including those beyond what is supported directly with SWRM funds. If a category is not applicable in your county, skip that category.
- Identify benchmarks for each planned activity.
- Identify performance measures. In particular, performance measures related to sediment and nutrient reductions if applicable and known.

Please note, the items identified in the template are **examples** of activities and performance measurements. It is not expected that all counties do all of these things. Replace and/or delete each activity as needed. If there is a category that is not applicable, do not include it in your work plan.

Examples of practices for each category and examples of landscape-scale surveys and/or inventories are listed below:

Cropland practices may include:

- NM plan development (acres)
- Grassed waterways (acres)
- Cover crops (acres)
- No-till (acres)
- WASCOB (number)
- Grade stabilization (number)
- Critical area stabilization (number)
- Contour strips (acres)

Livestock practices may include:

- Barnyard runoff control – not roof or diversion (number)
- Roof runoff systems (number)
- Clean water diversion (feet)
- Grazing plan (number)
- Manure storage closure (number)
- Trails and walkways (feet)
- Livestock watering facilities (number)
- Stream crossing (feet)
- Livestock fencing (feet)
- Feed storage runoff control (number)
- Milking center waste water (number)

**Eau Claire County 2021 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Water quality practices may include:

- Streambank/shoreline protection (feet)
- Well decommissioning (number)
- Sinkhole treatments (number)
- Riparian buffers (acres)
- Critical area stabilization (number)

Forestry practices may include:

- Forest management plans (number)
- Trails, access roads and walkways (feet)
- Stream crossings (feet)

Landscape-scale survey and/or inventories might include:

- Transect survey
- Use of SnapPlus to estimate soil loss
- Mapping of certain geographic features
- Inventories of certain types of practices or where practices are needed
- Inventory of certain types of operations or structures within WQMAS
- EVAAL of areas in county

**Eau Claire County 2021 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 1: Planned activities and performance measures by category

CATEGORY (goal and objective from LWRM plan can be added in each category)	PLANNED ACTIVITIES WITH BENCHMARKS If applicable identify focus areas, e.g. HUC 12 watershed code (examples of types of “planned activities” in italics)	PERFORMANCE MEASUREMENTS (examples in italics)
<ul style="list-style-type: none"> <i>Cropland</i> 		
Cropland, soil health and/or nutrient management	Grassed waterways Cover crops with cost-share No-till planting through no-till drill rental program Convert 40 acres cropland to rotational grazing Provide additional local funding for practice installation	Install 7 grassed waterways – 8 acres Install 700 acres cover crops installation with cost-share – 249 ac 600 ac. no-till drill rental program – 1,022 ac Convert 40 acres cropland to rotational grazing Provide \$10,000.00 additional local funding for practice installation
	NMP with SEG cost-share NMP with NMFE cost-share NMP without cost-share Host nutrient management workshops One-on-one NMP update meetings with farmers Continuance of 42 acre Demo Farm	Plan 1,375 acres NMP with SEG cost-share – 1,612 ac Plan 1,500 acres NMP with NMFE cost-share – 235 ac Plan 22,125 acres NMP without cost-share – 25,520 ac Host 4 nutrient management workshops – 8 45 one-on-one NMP update meetings with farmers – 42 Continuance of 42 acre Demo Farm for cover crop and no-till practices
	FPP status reviews Operation and maintenance reviews of practices	50 FPP status reviews - 50 Operation and maintenance reviews on 5 practices
<ul style="list-style-type: none"> <i>Livestock</i> 		
Livestock	Barnyard runoff management system Animal waste storage facility closures Pasture pump/fencing systems Cattle stream crossings Livestock watering facility Cattle lane Rotational grazing plan Provide additional local funding for practice installation	Install one covered barnyard runoff management system Permit & inspect 4 animal waste storage facility closures - 3 Install one pasture pump/fencing systems Install two cattle stream crossings – 50’ Install one livestock watering facility – 1 Install 1,100 ft protected cattle lane – 1,375’ Develop one rotational grazing plan Provide additional local funding for practice installation - \$10,000
	Operation and maintenance reviews	Operation and maintenance reviews on 5 practices

**Eau Claire County 2021 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Water quality

Water quality/quantity (other than activities already listed in other categories)	Streambank protection Access road stabilization Stream machinery crossing Streambank livestock exclusion In-stream habitat improvement Continue to provide additional local funding for practice installation	1,600 ft streambank protection – 586’ 1,000 feet access road stabilization 1 stream machinery crossing – 1 2,800 ft streambank livestock exclusion – 1,500’ fencing 1,175 ft in-stream habitat improvement Continue to provide additional local funding for practice installation - \$10,000.00
	Bathymetric/sediment lake survey Assist Public Health Department with phosphorous monitoring in local lakes Develop stream modeling and in-stream sedimentation monitoring program	Bathymetric/sediment lake survey Assist Public Health Department with phosphorous monitoring in local lakes Develop stream modeling and in-stream sedimentation monitoring program
	CREP	Review for possible renewal of 5 CREP contracts
	Groundwater	Continue implementation of the State of the Groundwater Report for Eau Claire County priority recommendations Continue Wellntel monitoring on 5 wells Provide local funding for 7 well abandonments – 3

• *Forestry*

Forestry	Management Plans	Refer requests to DNR private forester
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• *Invasive*

Invasive species	Management plans	Increase coordination with 5 county Lower Chippewa Invasives Partnership (LCIP) through agreement with Beaver Creek Reserve
	Control	Increase implementation of invasive species control in coordination with all other activities – Lake Monitoring & Protection Network Agreement with Beaver Creek Reserve

• *Wildlife*

Wildlife-Wetlands-Habitat (other than forestry or invasive species)	Wildlife damage program	Respond to Wildlife damage claims as needed Perform operation and maintenance reviews on 8 projects – 3
	Tree and plant sales	Sell 29,500 trees – 30,700 Sell 600 native plants – 768

**Eau Claire County 2021 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

• *Urban*

Urban issues	Stormwater control	60 plan reviews and site visits/inspections 5 permits issued – 8
	Construction site erosion control	60 plan reviews and site visits/inspections - 40 permits issued – 31
	Education/Outreach	Work with Rain to Rivers on developing Storm Water Education advertising and outreach. Develop Storm Water Trainings with Rain to Rivers through the assistance of a DNR Storm Water Grant. Provide MS4 Permit updates to County Board and LCC members.

• *Watershed*

Watershed strategies	Eau Claire River 9-key element plan implementation	12 collaboration meetings attended - 12 12 planning/strategy meetings for specific programming 4 presentations given Collaborate with UW-Eau Claire on FFA education program Continuation of Demonstration Farm for Soil Health and No-till BMPs
	Water Quality Trading (WQT) Program	Continue implementation of Water Quality Trading agreement with the City of Augusta with construction of BMPs (which are listed above in their appropriate categories)
	Multi-Discharger Variance (MDV) Program	Develop 3 Watershed Plans for MDV Program (BMP scheduled for construction listed above in their appropriate categories)

• *Other*

Other	Non-metallic and frac sand mining	1 plan review 4 site visits/inspections Development of a 1 ac. seeding demonstration site for reclamation activities
	Land Stewardship	Continue Land Stewardship program to provide long- term conservation/preservation for future generations

**Eau Claire County 2021 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 2: Planned activity related to permits and ordinances

Permits and Ordinances	Plans/application reviews anticipated	Permits anticipated to be issued
Feedlot permits		
Manure storage construction and transfer systems	1	1 0
Manure storage closure	4	4 3
Livestock facility siting	0	
Nonmetallic/frac sand mining	1	1 0
Stormwater and construction site erosion control	45	45 39
Shoreland zoning		
Wetlands and waterways (Ch. 30)		
Certified Survey Maps (CSM) reviews	40	62

Table 3: Planned inspections

Inspections	Number of inspections planned
Total Farm Inspections	65 50
For FPP	60 50
For NR 151	5 0
Animal waste ordinance	5 3
Livestock facility siting	0
Stormwater and construction site erosion control	120
Nonmetallic mining	5 0

Table 4: Planned outreach and education activities

Activity	Number
Tours	3 1
Field days	3 1
Trainings/workshops	5 8
School-age programs (camps, field days, classroom)	4
On-air radio interviews	15 12
Social media posts	80
News release/story	3
Drone Videorecording flights of BMPs (before and after)	4 1

**Eau Claire County 2021 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 5: Staff Hours and Expected Costs (staff can be combined or listed individually)

Staff/Support	Hours	Costs
Conservation Staff	9,866	\$402,520
Support Costs	n/a	\$58,557
Cost Sharing (can be combined)		
DATCP: Bonding, SEG, Supplemental SEG, NMFE	N/A	\$136,793
DNR: TRM-Large & Small Scale	N/A	\$256,445
MDV	N/A	\$14,220
WQT	N/A	\$165,775
Local funds (local tax levy, landowner funds)	N/A	\$155,750

2022 ANNUAL WORK PLAN LOCALLY-IDENTIFIED PRIORITIES

Guidance

Items included in the annual work plan must be consistent with the goals and objectives described in the County's LWRM Plan. References to the county LWRM plan, such as goal number or objective number, are not required, but can be added to Table 1 under "Category."

The work plan template includes five tables. Table 1 is designed to allow for a more detailed and county-specific narrative summary of planned activities and performance measurements. Tables 2, 3 and 4 are designed to capture activities that are more easily quantified. If you include information in Table 2, 3 and 4, you do not have to also include this information in Table 1. Table 5 can be used to meet LWRM planning requirements for costs and hours.

To complete Table 1:

- Describe all relevant planned activities for each applicable category, including those beyond what is supported directly with SWRM funds. If a category is not applicable in your county, skip that category.
- Identify benchmarks for each planned activity.
- Identify performance measures. In particular, performance measures related to sediment and nutrient reductions if applicable and known.

Please note, the items identified in the template are **examples** of activities and performance measurements. It is not expected that all counties do all of these things. Replace and/or delete each activity as needed. If there is a category that is not applicable, do not include it in your work plan.

Examples of practices for each category and examples of landscape-scale surveys and/or inventories are listed below:

Cropland practices may include:

- NM plan development (acres)
- Grassed waterways (acres)
- Cover crops (acres)
- No-till (acres)
- WASCOB (number)
- Grade stabilization (number)
- Critical area stabilization (number)
- Contour strips (acres)

Livestock practices may include:

- Barnyard runoff control – not roof or diversion (number)
- Roof runoff systems (number)
- Clean water diversion (feet)
- Grazing plan (number)
- Manure storage closure (number)
- Trails and walkways (feet)
- Livestock watering facilities (number)
- Stream crossing (feet)
- Livestock fencing (feet)
- Feed storage runoff control (number)
- Milking center waste water (number)

**Eau Claire County 2022 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Water quality practices may include:

- Streambank/shoreline protection (feet)
- Well decommissioning (number)
- Sinkhole treatments (number)
- Riparian buffers (acres)
- Critical area stabilization (number)

Forestry practices may include:

- Forest management plans (number)
- Trails, access roads and walkways (feet)
- Stream crossings (feet)

Landscape-scale survey and/or inventories might include:

- Transect survey
- Use of SnapPlus to estimate soil loss
- Mapping of certain geographic features
- Inventories of certain types of practices or where practices are needed
- Inventory of certain types of operations or structures within WQMA's
- EVAAL of areas in county

**Eau Claire County 2022 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 1: Planned activities and performance measures by category

CATEGORY (goal and objective from LWRM plan can be added in each category)	PLANNED ACTIVITIES WITH BENCHMARKS If applicable identify focus areas, e.g. HUC 12 watershed code (examples of types of “planned activities” in italics)	PERFORMANCE MEASUREMENTS (examples in italics)
<ul style="list-style-type: none"> • <i>Cropland</i> 		
Cropland, soil health and/or nutrient management	Practice Installation	<ul style="list-style-type: none"> • Install 1,100 feet of grassed waterway • Install 500 acres cover crops installation with cost-share • Facilitate 1,500 acres no-till planting through no-till drill rental program • Convert 40 acres cropland to rotational grazing • Continue to provide additional local funding for practice installation
	NM planning and training	<ul style="list-style-type: none"> • Plan 1,625 acres NMP with SEG cost-share • Plan 1,250 acres NMP with NMFE cost-share • Plan 30,000 acres NMP without cost-share • Host 8 nutrient management workshops • Conduct 50 one-on-one nutrient management update meetings with individual farmers • Continuance of 42 acre Demo Farm for cover crop and no-till practices
	Landscape-scale surveys, inventories, and reviews	<ul style="list-style-type: none"> • Conduct 50 FPP status reviews • Perform operation and maintenance reviews on 5 practices
<ul style="list-style-type: none"> • <i>Livestock</i> 		
Livestock	Practice installation	<ul style="list-style-type: none"> • Install one covered barnyard runoff management system • Permit & inspect two animal waste storage facility closures • Install one pasture pump/fencing systems to limit livestock access to streambanks • Develop one rotational grazing plan • Continue to provide additional local funding for practice installation
	Landscape-scale surveys, inventories, and reviews	<ul style="list-style-type: none"> • Perform operation and maintenance reviews on 5 practices

**Eau Claire County 2022 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Water quality

Water quality/quantity (other than activities already listed in other categories)	Practice Installation	<ul style="list-style-type: none"> • 800 ft streambank protection • 850 feet access road stabilization • 1 stream machinery crossing • 250 ft in-stream habitat improvement • Continue to provide additional local funding for practice installation
	Landscape-scale surveys and/or inventories	<ul style="list-style-type: none"> • Bathymetric/sediment lake survey • Assist Public Health Department with phosphorous monitoring in local lakes • Develop stream modeling and in-stream sedimentation monitoring program
	CREP	<ul style="list-style-type: none"> • Review for possible renewal of 5 CREP contracts
	Groundwater	<ul style="list-style-type: none"> • Continue implementation of the State of the Groundwater Report for Eau Claire County priority recommendations • Continue WellIntel monitoring on 5 wells • Provide local funding for 7 well abandonments

• *Forestry*

Forestry	Management Plans	<ul style="list-style-type: none"> • Refer requests to DNR private forester
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• *Invasive*

Invasive species	Management plans	<ul style="list-style-type: none"> • Increase coordination with 5 county Lower Chippewa Invasives Partnership (LCIP) through agreement with Beaver Creek Reserve
	Control	<ul style="list-style-type: none"> • Increase implementation of invasive species control in coordination with all other activities

• *Wildlife*

Wildlife-Wetlands-Habitat (other than forestry or invasive species)	Wildlife damage program	<ul style="list-style-type: none"> • Respond to Wildlife damage claims as needed • Perform operation and maintenance reviews on 8 projects
	Tree and plant sales	<ul style="list-style-type: none"> • Sell 29,500 trees • Sell 600 native plants
	Pollinator Habitat	<ul style="list-style-type: none"> • Provide increased opportunities to include native prairie/pollinator plantings with No-till drill program

**Eau Claire County 2022 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

• *Urban*

Urban issues	Stormwater control	<ul style="list-style-type: none"> • 60 plan reviews and site visits/inspections • 5 permits issued
	Construction site erosion control	<ul style="list-style-type: none"> • 60 plan reviews and site visits/inspections • 40 permits issued • Conduct 50 Certified Survey Map (CSM) reviews
	Education/Outreach	<ul style="list-style-type: none"> • Work with Rain to Rivers on developing Storm Water Education advertising and outreach. • Develop Storm Water Trainings with Rain to Rivers through the assistance of a DNR Storm Water Grant. • Provide MS4 Permit updates to County Board and LCC members.

• *Watershed*

Watershed strategies	Eau Claire River 9-key element plan implementation	<ul style="list-style-type: none"> • 12 collaboration meetings attended • 12 planning/strategy meetings for specific programming • 4 presentations given • Collaborate with UW-Eau Claire on FFA education program • Continuation of Demonstration Farm for Soil Health and No-till BMPs • Continue facilitating Eau Claire River Watershed Technical Committee • Assist local farmers in creation of Producer-Led Watershed group
	Water Quality Trading (WQT) Program	<ul style="list-style-type: none"> • Continue implementation of Water Quality Trading agreement with the City of Augusta with construction of BMPs (which are listed above in their appropriate categories)
	Multi-Discharger Variance (MDV) Program	<ul style="list-style-type: none"> • Develop 3 Watershed Plans for MDV Program (BMP scheduled for construction listed above in their appropriate categories)

• *Other*

Other	Non-metallic and frac sand mining	<ul style="list-style-type: none"> • 1 plan review as needed • 4 site visits/inspections • Development of a 1 ac. seeding demonstration site for reclamation activities
	Land Stewardship	<ul style="list-style-type: none"> • Continue Land Stewardship program to provide long-term conservation/preservation for future generations

**Eau Claire County 2022 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 2: Planned activity related to permits and ordinances

Permits and Ordinances	Plans/application reviews anticipated	Permits anticipated to be issued
Feedlot permits		
Manure storage construction and transfer systems	1	1
Manure storage closure	2	2
Livestock facility siting	0	
Nonmetallic/frac sand mining	1	1
Stormwater and construction site erosion control	45	45
Shoreland zoning		
Wetlands and waterways (Ch. 30)		
Certified Survey Maps (CSM) reviews	50	

Table 3: Planned inspections

Inspections	Number of inspections planned
Total Farm Inspections	65
For FPP	60
For NR 151	5
Animal waste ordinance	5
Livestock facility siting	0
Stormwater and construction site erosion control	120
Nonmetallic mining	5

**Eau Claire County 2022 ANNUAL WORK PLAN
LOCALLY-IDENTIFIED PRIORITIES**

Table 4: Planned outreach and education activities

Activity	Number
Tours	3
Field days	3
Trainings/workshops	5
School-age programs (camps, field days, classroom)	4
On-air radio interviews	15
Social media posts	80
News release/story	3
Drone Videorecording flights of BMPs (before and after)	2

Table 5: Staff Hours and Expected Costs (staff can be combined or listed individually)

Staff/Support	Hours	Costs
Conservation Staff	9,918	\$465,492
Support Costs	n/a	\$55,463
Cost Sharing (can be combined)		
DATCP: Bonding, SEG, Supplemental SEG, NMFE	N/A	\$120,899
DNR: TRM-Large & Small Scale	N/A	\$256,445
MDV	N/A	\$16,337
WQT	N/A	\$102,546
Local funds (local tax levy, landowner funds)	N/A	\$128,500



National Association of Conservationists

2022 Donation
\$125

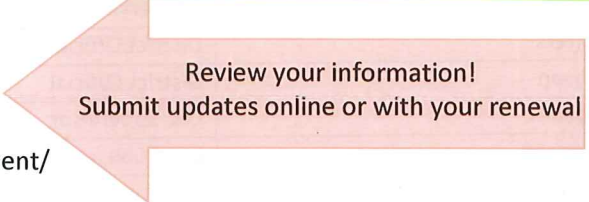
Customer #: 39060

CONSERVATION

Investment

Eau Claire County Land Conservation Department
721 Oxford Avenue, Suite 3344
Eau Claire, WI 54703-1601

Phone: 715 - 839-6226
Email: lcd@co.eau-claire.wi.us
URL: http://www.co.eau-claire.wi.us/departments/departments-l-z/planning-development/
Facebook:
Twitter:
Other:



PLEASE RENEW YOUR MEMBERSHIP NOW!

This is the first invoice for NACD's 2023 fiscal year which runs October 1, 2022 to September 30, 2023. We hope you continue to show your support for your National Association with a full membership contribution of \$775. Complete the application form and send with payment to NACD headquarters.

Gary Blair
NACD Secretary/Treasurer

Conservation Investment FY23 (check one)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Platinum (\$3,001 +)	Diamond (\$1,776 - \$3,000)	Gold (\$775 - \$1,775)	Silver (\$501 - \$774)	Bronze (\$101 - \$500)	Contributor (\$1 - \$100)

Payment

<input type="checkbox"/> Final Payment	<input type="checkbox"/> Check # _____
<input type="checkbox"/> Installment _____ of _____	<input type="checkbox"/> Visa <input type="checkbox"/> MasterCard <input type="checkbox"/> Discover
Amount Paid: _____	Card No. _____ CVV _____ Exp. _____
	Name on Card _____ Signature _____

Pay online at:

<https://nacdnet.app.neoncrm.com/forms/fy23-membership>



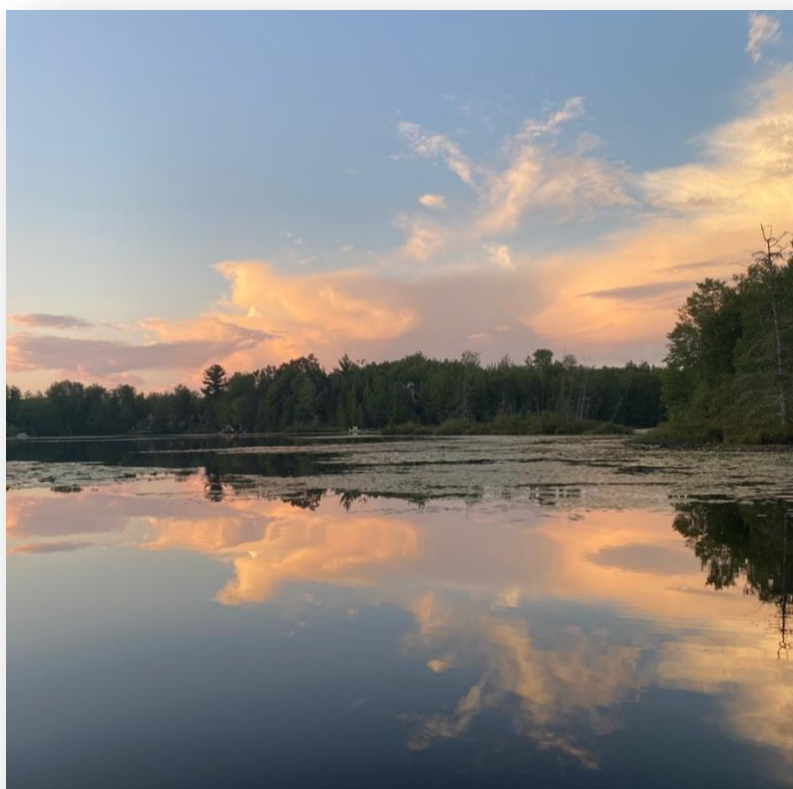
Mail check and form to:

NACD
509 Capitol Court NE
Washington, DC 20002
Fax: 202-547-6450
Email: membership@nacdnet.org

Buffalo, Chippewa, Dunn, Eau Claire, Pepin, & Rusk Counties

Lake Monitoring and Protection Network

Cooperative Agreement, 3rd Quarter Report



Written and compiled by:

Lia Landowski

Citizen Science Center

September 2022



CONNECTING PEOPLE WITH NATURE

Lia Landowski AIS Coordinator & Citizen Science Technician

S1 County Road K | Fall Creek, WI 54742 | Phone/Fax: (715) 877-2212 | lia@beavercreekreserve.org



Lake Monitoring & Protection Network

Quarter 3 Regional Report, 2022

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Lake Monitoring & Protection Network

Quarter 3 Regional Report, 2022

Citizen Lake Monitoring Network

7/1: Ordered and directed delivery of a new temperature gauge for a CLMN volunteer, Jackie McDaniel.

9/4: Communicated with Sarah Widder regarding becoming a CLMN volunteer for Lake Menomin (WBIC 2065900) in Dunn County.

9/26: Contacted Paul Skawinski to order CLMN secchi disk equipment for Sarah Widder. Will train for Fall 2022 monitoring once equipment is delivered.

Clean Boats, Clean Waters

7/1-7/4: Four watercraft inspectors participated in the WDNR's statewide [Landing Blitz Campaign](#). The inspectors relayed the state laws regarding aquatic invasive species and handed out towels with the printed campaign message. Participants were stationed on the following Chippewa County lakes: Long Lake (WBIC 2351400), Lake Wissota (WBIC 2152800), and Otter Lake (WBIC 215700). Lia was interviewed by WQOW and was featured discussing invasive species in a [news article](#) and the 6 o'clock news.

7/10: Sent AIS technicians supplemental materials from the WDNR website and a quiz on the NR 40.

8/19: Completed the 2022 boater behavior study as requested by the WDNR. Volunteers collected data at two lakes and three boat landings including: Dan Liske at Otter Lake (WBCI 215700), Mackenzie Curtis at Lake Wissota (WBIC 2152800) and Shelby Robinson at Lake Wissota.

Dock Service Provider Outreach

9/24: Mailed AIS outreach letters to seven businesses as part of the fall dock service provider outreach. A template of this letter was uploaded to SWIMS (*See Appendix A*). The dock service providers contacted include:

A&D Docks and Service (Chippewa County)

Lake Country Custom Docks, Tool & Design (Chippewa County)

MJ Dock and Lift Services LLC (Rusk County)

Northwoods Property Services (Sawyer County)

Wissota Dock (Chippewa County)



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Buky Lift, Inc. (Chippewa County)

TSB Lakefront Restoration and Diving (Chippewa County)

Early Detection and Monitoring Surveys

7/13: Completed and submitted an incident report for a population of Japanese knotweed in Chippewa County.

7/21: Checked crayfish traps on Lake Altoona with Ben Ewoldt – DNR as part of a response monitoring project for a Red Swamp Crayfish specimen found at a residence in Altoona (Eau Claire County) (Figure 1).

7/28: Revisit to crayfish traps on Lake Altoona for Red Swamp monitoring project.

8/1: Revisit crayfish traps on Lake Altoona for Red Swamp monitoring project.

8/16: DNR AIS monitoring survey for Pike Lake (WBIC 2157900) in Chippewa County.

8/31: DNR AIS monitoring survey for Sand Lake (WBIC 2352600) Rusk County.

8/31: Completed and submitted an incident report for multiple populations of purple loosestrife in Chippewa County. Rusk County was contacted, and seed heads were clipped. A biocontrol project will be proposed to Chippewa County LCFM.

9/7: DNR AIS monitoring survey for Round Lake (WBIC 2169200) Chippewa County.



Figure 1. Red swamp crayfish specimen that was collected from an Altoona residence.



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Lake Groups

Amacoy Lake Property Owners Association

9/14: Provided grant technical assistance to ALPOA for a large-scale control AIS grant through the DNR Surface Water Grants.

Chippewa County Lakes Group

Four emails were sent to the Chippewa County Lakes Group with AIS topics, news, and outreach. The topics are as follows:

7/20: Invitation to Project RED virtual training

7/29: Invitation to Purple loosestrife biological control webinar

9/14: Information on jumping worm including a link to a podcast and DNR page

9/23: Shared posts from Melinda Meyers including phragmites & social media trends as well as proper disposing of water garden plants

Lake Wissota Improvement and Protection Association

7/5: Met with Jodi Lepsch (DNR Lakes Biologist) and LWIPA to discuss surface water grant project ideas.

8/10: Hosted a surface water grants meeting with LWIPA AIS committee.

9/12: Wrote a CBCW article for LWIPA's Fall Newsletter.

Lower Long Lake Protection and Rehabilitation District

7/30: Attended a LLLPRD meeting. Blayde Lecher, a WCI stationed on the Morris-Erickson landing, gave a final report of CBCW activities.

Newsletter

7/19: Sent July AIS Newsletter to 98 contacts ([link to newsletter](#)).

8/19: Sent August AIS Newsletter to 98 contacts ([link to newsletter](#)).



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9/27: Sent informational flier on an upcoming webinar series, Invaders in 15 ([link to newsletter](#)).

Outreach and Education

7/17: Hosted an outreach table at the Otter Lake Booster Club annual picnic (Figure 2).

8/1: Presented on the LMPN projects and Eau Claire County specific activities to the Land Conservation Committee.

8/4: Presented on volunteer opportunities through the LMPN to Master Naturalist students.

8/4: Conducted a stream survey for Master Naturalist students at Beaver Creek Reserve.

8/5: Hosted a virtual Project RED training through Zoom.

8/11: Hosted a virtual Purple loosestrife biological control program through Zoom.

8/20: Hosted [Statewide Snapshot Day](#) in Chippewa County. Surveyed five water access points and confirmed one AIS, Eurasian Watermilfoil, that was known to be present in the waterbody (Lake Wissota). A press release was sent before and after the event to WQOW and WEAU 13 (*See Appendix B*).

9/13: Presented to Dr. Nic Wheeler's invertebrate zoology class on BCR LMPN work, invasive species, and stream monitoring methods. Conducted stream monitoring demonstration on Little Niagara (Stn. 10039299) (Figure 3).

9/24: Held a stream survey program for the Scouts and Trout Unlimited. WEAU 13 published a [news article](#) about the weekend events.



Figure 2. AIS outreach booth at Otter Lake Booster Club's annual picnic.



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Figure 3. Tyler Mesalk (DNR) and Dr. Nic Wheeler’s invertebrate zoology class participating in a mock stream study.

Project Riverine Early Detection

Conducted Project RED stream surveys at bridge access points of multiple streams. Stream survey results are found in Table 1.

Table 1. Stream name, access points (station), and AIS presence from surveys using Project RED protocol in 2022.

County	Stream	WBIC	Station	AIS
Buffalo	Waumandee	1808300	063022	No
Buffalo	Danuser Creek	1812000	10021006	No
Buffalo	Swinns Valley Creek	1776000	NA	No
Buffalo	Eagle Creek	1808400	10008465	No
Chippewa	Duncan Creek	2150600	10012899	Curly-leaf pondweed
Eau Claire	Black Creek	2135700	183080	No
Eau Claire	Bridge Creek	2130600	10047629	No
Eau Claire	Horse Creek	2137100	10047765	No
Eau Claire	Lowes Creek	2123900	10020889	Aquatic forget-me-not, Purple loosestrife
Eau Claire	Otter Creek	2125700	N/A	No
Pepin	Bogus Creek	2438900	10010796	Curly-leaf pondweed



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Pepin	Bogus Creek	2438900	10008839	No
Pepin	Elk Creek	2051900	N/A	No
Pepin	Little Plum Creek	2051000	10008965	No
Pepin	Plum Creek	2051300	100140321	Aquatic forget-me-not, Curly-leaf pondweed, Japanese knotweed
Pepin	Plum Creek	2051300	10009073	Curly-leaf pondweed



Figure 4. Lia Landowski and Tom Frank (AIS Island Chain Committee) preparing to release reared *Galerucella* beetles into the wild populations of purple loosestrife on Island and Chain Lakes in Chippewa and Rusk Counties.

Purple Loosestrife Biological Control

7/15: Release *Galerucella* beetles at eight locations on Island (WBIC 2350200) and Chain Lake (WBIC 2350500) in Chippewa and Rusk Counties (Figure 4). Beetle release data was completed by Lia and submitted to SWIMS.

Signage

9/27: Finalized Land Use Agreement with Chippewa County for installation of an AIS cleaning station sign at Hwy S landing on Lake Wissota. Waiting for confirmation before installing.



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Travel and Meetings

7/5	Attended monthly Lakes & Rivers Partnership Meeting
7/6	Lake Hallie (WBIC 2150200) GPS points for AIS – Chippewa County
7/7	Silver Birch Lake (WBIC 2054600) AIS check – Pepin County
7/11	Otter Lake (WBIC 2157000) tour/AIS check w/ Dan Liske – Chippewa County
7/18	Met with AIS Technicians to check-in, discuss projects, and end of year report
7/18	Attended boater behavior study overview webinar, hosted by Erin McFarlane
7/19	Met with Altoona (Eau Claire County) resident regarding an AIS specimen – specimen confirmed as red swamp crayfish <i>*see early detection and monitoring section</i>
8/2	Attended monthly Lakes & Rivers Partnership meeting
9/1	Met with UWEC professor Nic Wheeler and Tyler Mesalk to discuss UWEC outreach/stream survey day
9/6	Attended monthly Lakes & River Partnership meeting
9/9	Met with Lynda Schweikert – Chippewa County LCFM Director for LMPN 2023
9/21	Attended MAISRC - virtual
9/22	Met with Chase Cummings – Dunn County Conservationist for LMPN 2023
9/22	Met with Case Severson – Buffalo County Land Conservationist for LMPN 2023
9/23	Met with Jessica McMahon (Pepin County Conservationist) & LeAnna Bender for LMPN 2023
9/27	Met with Nick Stadnyk – Rusk County Conservationist for LMPN 2023
9/28	Met with Chad Berge – Eau Claire Land Conservation Manager for LMPN 2023



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GLOSSARY

AIS – Aquatic invasive species

ALPOA – Amacoy Lake Property Owners Association

BCR – Beaver Creek Reserve

CBCW – Clean Boats, Clean Waters

CLMN – Citizen Lake Monitoring Network

CSC – Citizen Science Center (Beaver Creek Reserve)

LCC – Land Conservation Committee (Eau Claire County)

LCFM – Land Conservation and Forest Management (Chippewa County)

LLLPRD – Lower Long Lake Protection and Restoration District

LMPN – Lake Monitoring and Protection Network

LWIPA – Lake Wissota Improvement and Protection Association

Secchi disk – instrument used to measure water clarity

Station – Specified location on a waterbody with historical and/or continuous associated fieldwork

SWIMS – Surface Water Integrated Monitoring System

WBIC – Waterbody identification code

WCI – Watercraft inspector

WDNR – Wisconsin Department of Natural Resources



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Appendix A: Dock service letter



A&D Docks
22455 State Hwy 27
Cornell, WI 54732

September 23, 2022

Subject: Help prevent the spread of aquatic invasive species

Dear Lake Service Provider,

As you may know, aquatic invasive species (AIS) are a major threat to the health of our lakes and rivers and can severely degrade our recreational opportunities, fisheries, aquatic habitats, economy, human health, and so much more. Simply put, AIS are a significant threat to our outdoor life as we know it in Wisconsin! Unfortunately, any activity that involves installing, removing, operating, and transporting water-related equipment, structures, and gear presents an extremely high risk of inadvertently transporting and spreading AIS.

This is why we need your help! As a company that works with boats, boatlifts, docks and other water-related equipment and gear, it is important to know and follow the AIS laws for Wisconsin waters in order to help protect our beautiful lakes and rivers.

To help prevent the spread, follow these simple steps before entering or leaving any waterbody:

- **INSPECT** your boat, trailer, and equipment
- **REMOVE** any attached aquatic plants or animals
- **DRAIN** all water from boats, motors, and all equipment

Decontamination: To further minimize the risk of spreading AIS, your company could also consider decontaminating all equipment and gear. Some options for decontamination include:

- Have a dedicated set of equipment to use in waterbodies that you visit frequently
- Use a hot water pressure washer or steam cleaner to clean equipment (reaching a contact temperature of 140°F)
- Spray equipment with a bleach solution (2.5 Tablespoons/gallon of water)
- Allow equipment to dry for at least 5 days
- Visit dnr.wisconsin.gov/topic/Invasives/disinfection for more information on decontamination.

Know Your AIS Infested Waters: Included with this letter is a list of waterbodies in your area infested with AIS. You can also find the infested waters list for every county in Wisconsin at the DNR website: dnr.wi.gov/lakes/invasives.

How to Report New AIS: If you come across what you believe to be a new AIS infestation, please take photos and, if possible, collect a specimen. Make note of the location and report your finding to me as soon as feasible.

THANK YOU to those who are already helping Wisconsin waters through preventative steps and decontamination measures.

Please feel free to contact me if you find something suspicious, want educational brochures, identification cards, or other aquatic invasive species information. We appreciate the dock service providers, such as yourselves, that help give citizens access to the waters that they so enjoy and cherish. Thank you for your partnership and for helping to keep our lakes and rivers healthy!

Best fishes,
Lia Landowski
Aquatic Invasive Species Coordinator
lia@beavercreekreserve.org



S1 County Rd K | Fall Creek, WI 54742
Phone/Fax: (715) 877-2212
Website: www.beavercreekreserve.org
CONNECTING PEOPLE WITH NATURE



Enclosed: AIS in Chippewa County Waters – September 2022

Appendix B: Press release



Lia Landowski - Aquatic Invasive Species Coordinator
Beaver Creek Reserve Citizen Science Center
lia@beavercreekreserve.org
Work: (715) 877-2212 Personal cell: (336) 963-0023

Eau Claire, Chippewa, and surrounding County residents invited to help search Wisconsin's waters for invasive species on August 20th.

Chippewa Falls, Wisconsin - Water lovers of all ages are invited to join Beaver Creek Reserve on a search for aquatic invasive species (AIS), August 20th, 2022 at the Chippewa Rod & Gun Club. This fun, hands-on effort, known as Snapshot Day, relies on participants to monitor streams, lakes, and wetlands at designated sites across the state, for signs of non-native plants and animals that pose risks to Wisconsin waterways and wildlife.

Coordinated in partnership by UW-Madison Division of Extension, River Alliance of Wisconsin, and the Wisconsin Department of Natural Resources, Snapshot Day is entering its' 9th successful year. Information collected will be provided to the WI DNR to inform and guide monitoring and response efforts. Volunteers are key to the success of the event.

"More and more people want to know how they can help protect the local lakes, rivers and streams they love. Snapshot Day makes taking action a fun, efficient and community-building event," explained Natalie Dutack, former AIS Watershed Groups Manager at River Alliance of Wisconsin. "We've seen nature lovers, paddlers and anglers take part. We've also had families, troops of Scouts, and retirees come out. Everyone enjoys the hands-on opportunity to learn more about the waters near them, and by providing a venue and some training we can help them become stewards of their waters", Dutack continued.

In Chippewa County, Beaver Creek Reserve's Citizen Science Center is gearing up for their 5th year hosting this event. "Snapshot Day is an excellent opportunity for people of all ages to participate as data collectors and citizen scientists for this statewide program! Documenting and verifying aquatic invasive species populations in local waterbodies is the first step toward management and control," shared Lia Landowski, Aquatic Invasive Species Coordinator. "Wisconsin is in a unique region in the United States; we are rich in natural resources including invaluable freshwater. Events, like Snapshot Day, assist in getting a "snapshot" of the health of our state's waters while simultaneously initiating discussions of mitigation for areas in need."

Beaver Creek Reserve joins a larger network of over 20 conservation organizations helping to prevent the spread of invasive species across Wisconsin. This year, the event will continue to have precautions put in place to ensure the event is safe for everyone who would like to participate. Training for the event will be provided virtually prior to Snapshot Day and on the day of the event we ask all non-vaccinated volunteers to practice social distancing and wear a mask.

Coordination of this event is made possible with generous support from the Wisconsin Department of Natural Resources through an Aquatic Invasive Species Education, Planning and Prevention grant.

EVENT DETAILS:

Saturday, August 20th

8:30 am-12:30 pm

MEETING POINT:

Chippewa Rod & Gun Club

16160 74th Ave, Chippewa Falls, WI 54729

Volunteers will look for invasive species at critical monitoring sites, and potential invasive species will be verified and cataloged with the Wisconsin Department of Natural Resources to guide species removal and conservation plans.

No experience is necessary, and training is provided virtually prior to the event. This is a free event. Recommended for ages 8 and up, minors must be accompanied by an adult.

REGISTRATION:

Register and see all event details at: <https://wateractionvolunteers.org/events/>

Advance registration is requested to help Site Leaders build monitoring plans, but will remain open until August 14th.

ABOUT BEAVER CREEK RESERVE CITIZEN SCIENCE CENTER:

Since the early 1990's, the Beaver Creek Reserve Citizen Science Center has been involving people of all ages in scientist studies for the Wisconsin Department of Natural Resources. From studying birds & bats to monitoring water quality, the Citizen Science Center at Beaver Creek Reserve has provided valuable data to help scientists learn more about our natural world.

EVENT SUMMARY:

The AIS Coordinator and one volunteer surveyed five water access points on and near Lake Wissota. At each access point, participants conducted a visual shoreline survey as well as a rake survey to detect presence of invasive species. An invasive species, Eurasian watermilfoil, was found at one of the five access points on Lake Wissota. Eurasian watermilfoil was first verified on Lake Wissota in 2005 and has been addressed by Lake Wissota Improvement and Protection Association with rapid response grants, control treatments, and continuance of the Clean Boats, Clean Waters DNR program.