

Extension/Land Conservation Committee
Tuesday, February 6, 2024, 8:30 A.M.
Barron County Government Center
Room 2151

335 East Monroe Avenue, Barron, WI

Agenda

1. Call to Order
2. Acknowledgement of Public Posting Requirements
3. Public comment
4. Approval of Agenda
 - Approval of Minutes of Previous Meeting – 10/3/23
 - Edit List
 - Announcements –
5. Appoint Vice Chair – action item
6. Wildlife Damage: Cody Knoop, USDA APHIS
 - Set Crop Prices – action item
 - Review/Approve Claims – action item
7. Land & Water Resource Mgt. Plan: 5 year Review: Gruetzmacher – discussion item
8. Staff Reports – NRCS, FSA, SWCD, and UWEX (10 minutes) information only
 - Executive Committee Report
 - Fair Board Report
9. Set date for the next meeting – March 5, 2024
10. Adjourn

*****If you cannot make the meeting, PLEASE call the SWCD at 715-537-6315.**

(All times are estimated)

ADA Statement for Agenda

Any person who has a qualifying disability under the Americans with Disabilities Act and requires the meeting or materials at the meeting to be in an accessible format must contact the County Clerk's office at 715-537-6200 at least 24 hours prior to the meeting so that arrangements may be made to accommodate your request.

cc: Cook, Gores, Langman, Kusilek, Fowler, G. Nelson, Huth, County Clerk, County Administrator, Webmaster, Public postings

EXTENSION-LCC COMMITTEE MEETING

Tuesday, October 3, 2023, 8:30 a.m.

Room 2151

Members present: Gary Nelson, Kirsten Huth, Jerry McRoberts, Jim Gores, Randy Cook, Fran Langman and Audrey Kusilek. Staff present: Tyler Gruetzmacher, Dave Gifford, Justin Everson, Jeff French, Lori Baltrusis, Sarah MacDonald, Justin Gensing and Kim Collins.

Cook called the meeting to order at 8:30 a.m. and Collins confirmed proper posting of the meeting. No public comment.

Motion: (Nelson/McRoberts) to approve the agenda; carried. **Motion: (Kusilek/Langman)** to approve the minutes of September 5, 2023 meeting; carried. No questions on edit lists and no announcements.

Item #5. Gruetzmacher presented two resolutions to authorize staff to apply for grant funding. For the Barron County Surface Water Management Grant resolution, **motion: (Kusilek/Gores)** to approve; carried. For the Lake Monitoring & Protection Network AIS Grant resolution, **motion: (Nelson/Huth)** to approve; carried.

Item #6. Staff Reports –

NRCS – No NRCS report.

FSA – MacDonald provided an overview of FSA program activities and introduced Gensing.

SWCD – Gruetzmacher provided an update on conservation projects and concerns.

UWEX – Baltrusis discussed bringing Educators to the November meeting and the proposed moved to the campus.

Executive Committee – French stated the committee would be reviewing the budget.

Fair Board – French discussed storm damage.

After discussion, the next meeting is set for November 7, 2023 at 8:30 a.m.

Future agenda items: *NRCS Funding*

Motion: (Nelson/Gores) to adjourn; meeting adjourned by unanimous consent at 9:08 a.m.

Respectfully submitted,

Kim Russell-Collins

Administrative Secretary, Land Services

COUNTY OF BARRON

Payment Request Edit
On-Line Vouchers

Vendor No/Name	Line#	voucher#	Account Desc	Date	Description	Amount
6696 NOBLE'S TIRE SERVICE INC	1	C0086145	VEHICLE EXPENSE-LAND SERVICES	10/19/23	LS-FLAT REPAIR/2014 F150	18.00
302 SWANT GRABER FORD	1	C0086146	VEHICLE EXPENSE-LAND SERVICES	10/19/23	LS-3 OIL CH + REPAIR/'13 F150	260.11
266639 AB SEEDS & CONSULTING INC	1	C0086147	SUPPLIES	10/19/23	SWCD-20 BAGS/WATERWAY SEED	1,500.00
272400 BECKER THOMAS H	1	C0086148	CONSERVATION COST SHARING	10/19/23	SWCD-COVER CROP 23BC015	975.00
322580 BRAML JOHN	1	C0086149	CONSERVATION PAYMENTS	10/19/23	SWCD-MDV INCENTIVE 23MDV026	1,000.00
218472 BRUDER RUSS	1	C0086150	CONSERVATION COST SHARING	10/19/23	SWCD-COVER CROP 23BC026	1,000.00
345 JENNIE-O TURKEY STORE, BARRON SUP	1	C0086151	POSTAGE	10/19/23	SWCD-SHIPPING/MDV SOIL SAMPLES	17.61
312835 LITWILLER TYLER	1	C0086152	CONSERVATION COST SHARING	10/19/23	SWCD-COVER CROP 23BC014	1,000.00
277134 MASSIE NOAH	1	C0086153	CONSERVATION COST SHARING	10/19/23	SWCD-COVER CROP 23BC020	750.00
72982 NELSON JASON	1	C0086154	CONSERVATION COST SHARING	10/19/23	SWCD-COVER CROP 23BC017	775.00
113468 US DEPARTMENT OF AGRICULTURE	1	C0086155	PROFESSIONAL SERVICES	10/19/23	SWCD-WILDLIFE DAMAGE 3RD QUARTE	9,236.26
75965 UW SOIL TESTING LAB	1	C0086156	SOIL & WATER TESTING	10/19/23	SWCD-MDV SOIL TESTING	16.00
274259 APG MEDIA OF WISCONSIN LLC	1	C0086157	PUBLICATIONS	10/19/23	ZA-PUB NOTICE/#3940, 3941 & MAN	185.27
744 CHETEK ALERT INC	1	C0086158	PUBLICATIONS	10/19/23	ZA-PUB NOTICE/ANDERSON RZ	48.32
289493 BUREAU OF CORRECTIONAL ENTERPRISE	1	C0086159	ADDRESS SIGNING	10/19/23	ZA-RURAL ADDRESS SIGNS	36.00
3565 SAFETY AND BUILDINGS DIVISION	1	C0086160	DUE TO STATE - SANITATION FEES	10/19/23	ZA-STATE SAN FEES/SEPT 2023	2,700.00
Totals:						19,517.57

MANUAL VOUCHERS/JOURNAL ENTRIES

DEPT	NAME	ACCOUNT	DESCRIPTION	AMOUNT
LS	BC HIGHWAY DEPT	220-12-53400-332-000	FUEL 8/18 - 9/29	\$1,187.58

MANUAL VOUCHERS TOTAL: \$1,187.58

GRAND TOTAL: \$20,705.15

Dept Approval

Admin Approval

Land Services Total: \$1,465.69
 Land Information Total: \$0.00
 Soil & Water Conservation Total: \$16,269.87
 Zoning Administration Total: \$2,969.59

COUNTY OF BARRON
 Payment Request Edit
 On-Line Vouchers
 LAND SERVICES DEPT

Vendor No/Name	Line#	voucher#	Account Desc	Date	Description	Amount
6645 SWANT GRABER MOTORS	1	C0086222	VEHICLE EXPENSE-LAND SERVICES	10/26/23	ZA-OIL CH/'18 CHEVY	86.28
22632 RICE LAKE PRINTERY INC	1	C0086223	OFFICE SUPPLIES	10/26/23	ZA/RPL-TAX BILLS	184.00
167 AYRES ASSOCIATES INC	1	C0086224	ASSIGNED RESERVE	10/26/23	LIO-DAM FAILURE/TEN MILE LAKE D	269.00
258229 BROKER FRED JOHN	1	C0086225	CONSERVATION COST SHARING	10/26/23	SWCD-COVER CROP/23BC027	1,000.00
186732 FRIE RONALD M	1	C0086226	CONSERVATION COST SHARING	10/26/23	SWCD-COVER CROP/23BC032	1,000.00
6831 LENTZ CHRIS	1	C0086227	CONSERVATION (CLIENT) PAYMENTS	10/26/23	SWCD-WW, CAS, FENCE/22BC042	1,609.40
322660 RIHN CHARLIE	1	C0086228	CONSERVATION COST SHARING	10/26/23	SWCD-COVER CROP 23BC022	1,000.00
289493 BUREAU OF CORRECTIONAL ENTERPRISE	1	C0086229	ADDRESS SIGNING	10/26/23	ZA-RURAL ADDRESS SIGNS	124.00
Totals:						5,272.68

MANUAL VOUCHERS/JOURNAL ENTRIES

<u>DEPT</u>	<u>NAME</u>	<u>ACCOUNT</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
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MANUAL VOUCHERS TOTAL: \$0.00

GRAND TOTAL: \$5,272.68

Dept Approval _____

Admin Approval _____

Land Services Total:	\$270.28
Land Information Total:	\$269.00
Soil & Water Conservation Total:	\$4,609.40
Zoning Administration Total:	\$124.00

COUNTY OF BARRON

Payment Request Edit

FPEDT01G

On-Line Vouchers

LAND SERVICES DEPT

Vendor No/Name	Line#	voucher#	Account Desc	Date	Description	Amount
6645 SWANT GRABER MOTORS	1	C0086423	VEHICLE EXPENSE-LAND SERVICES	11/16/23	LS-OIL CHANGE/'16 CHEVY	91.63
322911 GOERTZEN DWIGHT	1	C0086424	CONSERVATION COST SHARING	11/16/23	SWCD-COVER CROP 23BC034	750.00
322920 HANSON DENTON	1	C0086425	CONSERVATION COST SHARING	11/16/23	SWCD-COVER CROP 23BC035	660.00
238252 LENTZ RICHARD	1	C0086426	CONSERVATION COST SHARING	11/16/23	SWCD-COVER CROP 23BC024	1,000.00
322679 NELSON JOEL	1	C0086427	CONSERVATION COST SHARING	11/16/23	SWCD-COVER CROP 23BC016	1,000.00
75965 UW SOIL TESTING LAB	1	C0086428	SOIL & WATER TESTING	11/16/23	SWCD-MDV SOIL TEST/C OLSON	8.00
274259 APG MEDIA OF WISCONSIN LLC	1	C0086429	PUBLICATIONS	11/16/23	ZA-EJ CAM PUBLIC NOTICE	38.30
289493 BUREAU OF CORRECTIONAL ENTERPRISE	1	C0086430	ADDRESS SIGNING	11/16/23	ZA-RURAL ADDRESS SIGNS	124.00
3565 SAFETY AND BUILDINGS DIVISION	1	C0086431	DUE TO STATE - SANITATION FEES	11/16/23	ZA-STATE SAN FEES/OCT 2023	3,700.00
Totals:						7,371.93

MANUAL VOUCHERS/JOURNAL ENTRIES

DEPT	NAME	ACCOUNT	DESCRIPTION	AMOUNT
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MANUAL VOUCHERS TOTAL: \$0.00

GRAND TOTAL: \$7,371.93

Dept Approval

Admin Approval

Land Services Total: \$91.63
 Land Information Total: \$0.00
Soil & Water Conservation Total: \$3,418.00
 Zoning Administration Total: \$3,862.30

COUNTY OF BARRON

Payment Request Edit

On-Line Vouchers

FPEDT01G

LAND SERVICES DEPT

Vendor No/Name	Line#	voucher#	Account Desc	Date	Description	Amount
259918 HANSON IRVIN M OR KATHLEEN L	1	C0086541	CONSERVATION COST SHARING	11/30/23	SWCD-COVER CROP 23BC031	1,000.00
80128 JEFFERIES NICK	1	C0086542	CONSERVATION COST SHARING	11/30/23	SWCD-COVER CROP 23BC037	825.00
221775 LENTZ ROBERT	1	C0086543	CONSERVATION COST SHARING	11/30/23	SWCD-COVER CROP 23BC023	1,000.00
323101 MILLER JUSTIN	1	C0086544	CONSERVATION COST SHARING	11/30/23	SWCD-COVER CROP 23BC013	1,000.00
319228 SAN-DAL DAIRY	1	C0086545	CONSERVATION COST SHARING	11/30/23	SWCD-COVER CROP 23BC029	1,000.00
220272 SIGURDSEN ALAN L	1	C0086546	CONSERVATION COST SHARING	11/30/23	SWCD-COVER CROP 23BC025	1,000.00
159964 SCHEIL CONSTRUCTION LLC	1	C0086547	EDUCATIONAL	11/30/23	SWCD-DEMO FARM SOIL PIT	270.00

Totals: 6,095.00

MANUAL VOUCHERS/JOURNAL ENTRIES

DEPT	NAME	ACCOUNT	DESCRIPTION	AMOUNT
LS	BC HIGHWAY DEPT	220-12-53400-332-000	FUEL 9/30 - 10/27/23	\$868.39

MANUAL VOUCHERS TOTAL: \$868.39

GRAND TOTAL: \$6,963.39

Dept Approval

Admin Approval

Land Services Total: \$868.39
 Land Information Total: \$0.00
Soil & Water Conservation Total: \$6,095.00
 Zoning Administration Total: \$0.00

COUNTY OF BARRON

Payment Request Edit
On-Line Vouchers

Vendor No/Name	Line#	voucher#	Account Desc	Date	Description	Amount
184985 ACSESS	1	C0086671	PREPAID EXPENDITURES	12/12/23	SWCD-EVERSON CCA	85.00
134961 UW STEVENS POINT - CONTINUING EDU	1	C0086672	PREPAID EXPENDITURES	12/12/23	LIO-CONFERENCE#402217	375.00
263869 SEILER INSTRUMENT & MFG CO INC	1	C0086673	OFFICE SUPPLIES	12/12/23	SWCD-CATALYST ON DEMAND 10 HOUR	390.00
213489 VERMILLION LAKE ASSOC	1	C0086674	INVASIVE SPECIES CONTROL	12/12/23	SWCD-LAKE ASSISTANCE	500.00
134961 UW-STEVENS POINT COLLEGE OF NAT R	1	C0086675	PROF SERVICES - WATER QUALITY ST	12/12/23	SWCD-3000525, 3000466	38,734.00
274259 APG MEDIA OF WISCONSIN LLC	1	C0086676	PUBLICATIONS	12/12/23	ZA-EL CAM PUBLIC HEARING	27.89
289493 BUREAU OF CORRECTIONAL ENTERPRISE	1	C0086677	ADDRESS SIGNING	12/12/23	ZA-RURAL ADDRESS FEES	72.00
3565 SAFETY AND BUILDINGS DIVISION	1	C0086678	DUE TO STATE - SANITATION FEES	12/12/23	ZA-STATE SAN FEE/NOV 2023	1,000.00
Totals:						41,183.89

MANUAL VOUCHERS/JOURNAL ENTRIES

DEPT	NAME	ACCOUNT	DESCRIPTION	AMOUNT
LS	BC HIGHWAY DEPT	220-12-53400-332-000	FUEL 10/28 - 11/24/23	\$494.49

MANUAL VOUCHERS TOTAL: \$494.49

GRAND TOTAL: \$41,678.38

Dept Approval

Admin Approval

Land Services Total:	\$579.49
Land Information Total:	\$375.00
Soil & Water Conservation Total:	\$39,624.00
Zoning Administration Total:	\$1,099.89

2023

COUNTY OF BARRON

Payment Request Edit

On-Line Vouchers

LAND SERVICES DEPT

Vendor No/Name	Line#	voucher#	Account Desc	Date	Description	Amount
59463 HAYES INSTRUMENT COMPANY	1	C0086960	NEW EQUIPMENT	01/11/24	LIO-CABLE/HARWARE	131.04
922 WIEHES HARDWARE HANK	1	C0086961	REPAIR & EXPENSE	01/11/24	SWCD-HITCH PIN//TRAILER ACCT 92	2.69
113468 US DEPARTMENT OF AGRICULTURE	1	C0086962	PROFESSIONAL SERVICES	01/11/24	SWCD-4TH QUARTER/WILDLIFE DAMAG	5,256.81
744 CHETEK ALERT INC	1	C0086963	PUBLICATIONS	01/11/24	ZA-KROEGER PUBLIC NOTICE	60.23
1686 HALCO PRESS	1	C0086964	PUBLICATIONS	01/11/24	ZA-SAPUTO PUB NOTICE	61.31
289493 BUREAU OF CORRECTIONAL ENTERPRISE	1	C0086965	ADDRESS SIGNING	01/11/24	ZA-RURAL ADDRESS SIGNS	124.00
3565 SAFETY AND BUILDINGS DIVISION	1	C0086966	DUE TO STATE - SANITATION FEES	01/11/24	ZA-STATE SAN FEES/DEC '23	900.00
Totals:						6,536.08

MANUAL VOUCHERS/JOURNAL ENTRIES

DEPT	NAME	ACCOUNT	DESCRIPTION	AMOUNT
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MANUAL VOUCHERS TOTAL: \$0.00

GRAND TOTAL: \$6,536.08

Dept Approval

Admin Approval

Land Services Total: \$0.00
Land Information Total: \$131.04
Soil & Water Conservation Total: \$5,259.50
Zoning Administration Total: \$1,145.54

2024

COUNTY OF BARRON

Payment Request Edit
On-Line Vouchers
LAND SERVICES DEPT

Vendor No/Name	Line#	voucher#	Account Desc	Date	Description	Amount
161578 THE SEPTIC GAL	1	C0086975	EMPLOYEE EDUCATION & TRAINING	01/11/24	LS/ZA-POWTS TRAINING, BLACK, MA	1,100.00
33413 WI COUNTY CODE ADMINISTRATORS	1	C0086976	ASSOCIATION/MEMBERSHIP DUES	01/11/24	LS/ZA-ANNUAL MEMBERSHIP/4 STAFF	130.00
6025 WI LAND & WATER CONSERVATION ASSN	1	C0086977	ASSOCIATION/MEMBERSHIP DUES	01/11/24	LS/SWCD-ANNUAL MEMBERSHIP	2,037.78
135615 WI REAL PROPERTY LISTERS ASSN	1	C0086978	ASSOCIATION/MEMBERSHIP DUES	01/11/24	LS/RPL-ANNUAL MEMBERSHIP	80.00
119245 WI SOCIETY OF LAND SURVEYORS	1	C0086979	ASSOCIATION/MEMBERSHIP DUES	01/11/24	LS/LIO-ANNUAL MEMBERSHIP/PHELPS	180.00
74101 LEICA GEOSYSTEMS INC	1	C0086980	FIELD SUPPLIES	01/11/24	LIO-ANNUAL MAINTENANCE CONTRACT	2,276.00
320978 SCHNEIDER GEOSPITAL LLC	1	C0086981	OTHER PROFESSIONAL SERVICES	01/11/24	LIO-ANNUAL SITE HOSTING/GIS	3,768.00
124273 ENGEL'S NURSERY	1	C0086982	TREE PURCHASES	01/11/24	SWCD-TREE DEPOSIT	368.63
10057 LAURA'S LANE NURSERY	1	C0086983	TREE PURCHASES	01/11/24	SWCD-TREE DEPOSIT	1,789.00
Totals:						11,729.41

MANUAL VOUCHERS/JOURNAL ENTRIES

DEPT	NAME	ACCOUNT	DESCRIPTION	AMOUNT
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MANUAL VOUCHERS TOTAL: \$0.00

GRAND TOTAL: \$11,729.41

Dept Approval

Admin Approval

Land Services Total:	\$3,527.78
Land Information Total:	\$6,044.00
Soil & Water Conservation Total:	\$2,157.63
Zoning Administration Total:	\$0.00

2023 Barron County WDACP Crop Prices

Grain Commodities: (Only those crops/commodities necessary to settle the current year claims are presented.)

CORN: The Risk Management Agency (RMA) produces two prices. Two price discovery periods are used, one February 1 – February 28, 2023 the other October 1 – October 31, 2023. The Chicago Mercantile Exchange (CME) closing price for each day within the discovery period is averaged, resulting in two prices based on averaged closing prices The February projected price is approved at \$5.91. The October harvest price is approved at \$4.88.

Proposed corn price #1:

- #2 Yellow Corn (RMA) = **\$5.91/4.88/bu**

Proposed corn price #2:

- #2 Yellow Corn (local cash average) = **\$4.30/bu**
- Corn price #2 reflects average, area local cash price paid per bushel. Jennie-O, Bloomer, Rice Lake Synergy and Stanley Ethanol prices were averaged for November 2023

Proposed corn price #3:

- #2 Yellow Corn (NASS) = **\$5.63/bu AUG / \$5.07 SEPT / \$4.80 OCT / \$4.40 NOV**
- NASS price is an averaged price received in Wisconsin for August / September and is published the following month (October prices are available late November)

Committee approved price (if different than proposed and include justification):

Corn:

February LCC meeting

Five Year Review of the Barron County Land & Water Resources Management Plan.
The plan was written in 2019 and is in effect from 2020-2029.

Wisconsin law requires each county to have a land and water resource management plan that has been approved by the Wisconsin Department of Agriculture, Trade and Consumer Protection.

The Land and Water Conservation Board reviews plans and recommends action to DATCP.
Plans are approved for a 10-year period, with a review by the board in year 5.

The questionnaire that we are answering is included in the packet along with our 2023 Work Plan.
The 2024 work plan will be developed over the next month.

This is a draft for discussion that will then be approved at the March LCC meeting. We will be presenting this to the Wisconsin Land and Water Board on April 2, 2024 in Madison.

Committee members have a printed copy of the plan, please bring it to the meeting if possible and here is the link for the plan online <http://tinyurl.com/c8pk3t8m>

Upcoming events

Red Cedar Basin Conference - March 14 in Menomonie

This year's conference will be focussing on Groundwater. The keynote speaker will be Kevin Masarik from UWSP Groundwater center. His lab did the testing for our study. We will also be presenting a joint groundwater study review with Dunn and Chippewa Counties.

Barron County Groundwater presentation - March 14 evening

We will be presenting our findings at an informational meeting either in the Veteran's Memorial Auditorium or the BACC Auditorium. This will provide an opportunity for individuals to ask questions related to their test results. Kevin Masarik will be at the meeting.

West Central Conservation Association Tour - June 12 - Buffalo County



Land and Water Conservation Board
County Land and Water Resource Management Plan
Five Year Review of LWRM Plans

County: Barron

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 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.**

Farmland Preservation Program: Since Jan. 1, 2020 we have gained 24 new FPP participants adding a total of 3,973 acres. Staff continues to monitor the annual compliance of all 193 participants, equaling a total of 45,788 acres. Utilization of nutrient management plans for cost savings/increased yields and the importance of owner/operator communication have recently been emphasized in order to foster participation and understanding of program goals.

The addition of a Lakes and Invasive Species Specialist position was identified as a goal in the plan. In 2023 the Barron County Board of Supervisors voted to include the position in the 2024 budget. Recruitment for the position will begin in spring 2024.

Barron County has partnered with the USDA-NRCS for closure of animal waste storage facilities. Construction of earthen manure storage facilities was quite popular (210 installed) from the mid 1970s to 1983 during an era of comparatively lax engineering standards. With the attrition in the dairy industry, the number of idle manure storage facilities on the landscape would far exceed our DATCP SWRM annual funding to properly close them. Partnering with NRCS, where the county provides the outreach and technical support and NRCS the funding, has resulted in the closure of a total of 156 facilities to date with 37 since 2020 and 12 pending for 2024.

Groundwater study: Barron County contracted the Groundwater Center at UWSP to conduct a drinking water study in 2022 and 2023. Approximately 800 samples were taken by citizens and submitted for testing. Chippewa and Dunn Counties also have done testing through UWSP which allowed for integration of the studies into a regional compilation. Our collective data was presented at the Red Cedar Basin Conference on **Mar 14, 2024**

Demonstration Farm Creation: Barron County owns a 12-acre parcel of cropland, and it became available for a demonstration site in 2021. It is located on sandy outwash soils in the center of the county and has been converted to a 3 crop no-till rotation. Staff will track the changes in a variety of soil health parameters which will be shared with the farming community.

Multi-Discharge Variance: Our department has been coordinating this with local WWTPs for 3 years, using the funds to plant grass headlands. Serious erosion on headlands has been identified, in many cases when the rest of the field is in good condition, and targeted for conservation practices. One goal or objective of the program is to reduce Phosphorus runoff. Over the last 3 years approximately 1100 lbs of Phosphorus reductions have been calculated across the County from the headlands that have been established to grass so far.

Nonmetallic Mining Reclamation Program: The reclamation of nonmetallic mine sites helps reduce non-point pollution of surface water, groundwater, and wetlands. Over the past 4 years Barron County has evaluated 369 acres of partially reclaimed mine sites and 142 acres of final reclaimed sites. All reclamation plans and activities are required to meet the uniform standards of NR135 Wisconsin Administrative Code and the Barron County Nonmetallic Mining Reclamation Ordinance. These uniform standards are consistent with the goals and objectives described in the Barron County Land & Water Resource Management Plan.

- 2. Identify any areas where the county was unable to make desired progress in implementing activities identified in multiple 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.**

Areas of sandy outwash soils with the potential to impact groundwater have not yet been addressed. County staff are planning to use results from the recent groundwater study to expand our work in this area, specifically Nutrient Management Planning. Traditionally, our department has not had much contact with the landowners in these areas due to minimal livestock operations and limited slope/HEL; these are mainly flat croplands without erosion, barnyard, or manure storage issues. Targeted Nutrient Management Planning to reduce infiltration to groundwater can be initiated with the new groundwater data.

- 3. Describe how the county's work plans implement its priority farm strategy and the effectiveness of county actions implementing agricultural performance standards and conservation practices on farms. In particular, the county should describe outreach, farm inventories, and additional funds that were pursued to implement its strategy.**

Farmland Preservation Program planned acreage continues to increase, providing planning coverage and ensuring compliance with standards. Staff is always available to explain the benefits of planning and attends numerous public events for outreach as well as education. The increased tax credit is expected to increase the interest in the program.

NRCS funds used for storage closure: Letters were sent to landowners with idle manure storage facilities describing the County Ordinance requirements and the technical process of closure, encouraging them to sign up with the NRCS for EQIP cost incentives. We have been using this process since 2012, and it has become more and more popular. We have closed 37 facilities since 2020, 35 with EQIP funds. All time we have closed 156. The EQIP cost incentive is generally greater than the 70% DATCP rate, and the funding pool is larger than the State of Wisconsin's. We have 16 facilities pending for closure in 2024 in this program.

Barron County has provided \$20,000 for 20+ years to encourage implementation of conservation practices. Originally these funds were used as incentive for no-till planting. More recently, funding has been utilized for cover crops. The county offers simple, one year agreements to plant cover crops on up to 40 acres at \$25/acre, and these have worked well to entice operators and owners to try cover crops.

Inventories of barnyard areas and manure storage facilities have been completed, and barnyard feeding areas have delineated utilizing orthophotography, which is updated every 3 years. The number and type of cattle is estimated, and this information into BARNY to determine the potential for runoff. High runoff areas are then targeted for conservation practice outreach.

4. Provide representative examples that show changes in direction for work planning in the upcoming five years, with specific examples provided showing adjustments in planned activities in the county's most recent work plan.

The results of the groundwater study will be coming out this year. This will be used for informational campaigns outlining the importance of Nutrient Management Planning.

The addition of a Lakes and Invasive Species position will allow for additional efforts in these areas. A variety of potential conservation benefits will be explored as new programs and ideas evolve beyond an initial position description. This staff will not only bring focus to these areas but also work to identify any additional objectives that may not currently be planned.

The Industrial Sand Mining work has changed direction from new reclamation plan applications and review process to overseeing reclamation activities on existing permitted sites. It is anticipated that as more reclamation of these sites occurs it will be important to make sure the reclamation work is consistent with the approved reclamation plan and permit. It is further anticipated that more work will be done to review modifications to existing reclamation plans and permits.

Annual Work Plans

Attach both of the following:

- a. The most current annual work prepared by the county.
- b. The work plan for the previous year that includes a column that identifies the progress in implementing the planned activities for that year.

Board Review Process

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. Counties have the option to prepare a brief presentation to illustrate their successes and future priorities.

Land Conservation Committee Notification

The LCC was provided a completed copy of these questions (including attachments) on:

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

Send completed questionnaire and attachments to:
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DRAFT

Summary of the Barron County Land & Water Resources Management Plan 2020 - 2029

Wisconsin Counties work with the Wisconsin Department of Agriculture, Trade and Consumer Protection on conservation issues. In order to receive funding for staff and cost sharing to accomplish conservation goals, a County Land & Water Resource Management Plan must be developed by a county. Barron County has produced a plan with input of a Citizens Advisory Committee, that was presented and approved by the Wisconsin Land & Water Conservation Board on August 6, 2019. On August 19, 2019, a presentation will be given to the Barron County Board of Supervisors, after which they will vote on its approval. It is a ten year plan, with a review at 5 years. A full copy of the plan can be viewed from the home page of <https://www.barroncountymi.gov/>

The Barron County LWRMP defines our resource concerns as:

- Soil Erosion & Depletion
- Non-Point Pollution of Surface Water
- Loss of Productive Farmland
- Quality & Quantity of Groundwater
- Loss of Resources/Habitat Protection
- Protection of Forested Areas & Wildlife Habitat

To address water quality issues, a Total Maximum Daily Load (TMDL) plan was developed by the Red Cedar Partnership of which Barron County is a partner. The TMDL area is composed of the Red Cedar River Basin, south to Lake Menomin. It encompasses over 1.1 million acres, covering the northern half of Dunn County and extending north through nearly all of Barron County as well as parts of Washburn, Sawyer, Rusk, Chippewa, St. Croix, and Polk Counties. Barron County dominates this watershed, and the success of the TMDL relies on work done here. The TMDL calls for a 65 percent reduction in the quantity of phosphorus entering Tainter Lake to achieve water quality goals. By virtue of our inclusion in the TMDL, Barron County is eligible for additional federal funding for projects to improve water quality.

Land Services staff work continually with the county agricultural community to develop farm plans which protect both our agricultural and environmental assets. A farm in Barron County will be given priority status if one or more items from each of the categories below pertain to that farm:

- **Sites with known State Manure Prohibitions:**
 - Overflow of manure storage facilities.
 - Unconfined manure piles in a water quality management area.
 - Direct runoff from feedlots or stored manure into state waters.
 - Unlimited livestock access to waters of the state in locations where high concentrations of animals prevent the maintenance of adequate or self-sustaining vegetative cover.
- **Farmland Preservation Plan** program participants needing assistance to achieve or maintain program eligibility. This program currently has 211 participants who have achieved compliance with the state conservation rules, covering 46,177 acres. With compliance, participants are eligible for an annual \$7.50/acre tax credit.
- Located on glacial outwash soils - for situations potentially impacting groundwater.
- Location of farm – the sites above will be given additional precedence if found to have direct influence on an Impaired waterbody on the 303(d) list and or Exceptional or Outstanding Water Resource.

The Plan addresses the storage and distribution of livestock manure. Barron County has had a long history with manure storage facilities. The first was constructed in 1971, and a total of 360 have been built since. Many are earthen facilities that could not be constructed today to meet the NRCS standards due to the

increased clay liner requirements. All are identified in the County GIS mapping system. There are an estimated 77 facilities in the county that are on farms that no longer house cattle. State Law and the Barron County Manure Storage Ordinance require that these facilities be properly closed within 2 years of no longer receiving manure. A goal of the plan is to work with landowners to properly close these facilities. There are several cost sharing options available. Distribution of manure, an important component to crop success and the soil conservation system, is managed via nutrient management plans (NMP). Currently only 20% of the cropland in the county is reported to have a nutrient management plan. A goal of the plan is to increase the amount of NMP by 5% annually, which is roughly 10,000 acres.

All landowners can participate in improving soil health. Healthy soils are a key to improving many situations with benefits including increased nutrient and water availability for crops and decreased runoff as the water is soaking deep into the soil for future use. The five keys to improving soil health (with the exception of #5) apply everywhere from a corn field to a lakeshore setting:

1. Armor the soil.
2. Minimizing soil disturbance.
3. Increased plant diversity.
4. Continual live plant root.
5. Integrate livestock with proper managed grazing.

In order to further our progress with this, a goal of the plan is to create a Soil Health Specialist position to work with landowners on soil health issues. This person would also work with farmers to establish and implement a Demonstration Farm System in the county to show techniques to improve soil health.

Groundwater quality has been in the news throughout the region. This plan has several goals related to groundwater:

- Develop and implement an ongoing drinking water testing program for the citizens of Barron County. Data gathered from this program would be used to increase public information on the subject and guide future efforts to reduce contamination. Three testing areas have been determined based on underlying geologic structure: Cambrian Sandstone, Glacial Outwash, and Glacial Till - with a possible fourth area in the Quartzite Blue Hills.
- Target areas of cropland on sandy glacial outwash for intensive improvements in soil health in order to increase the capacity of the soil to hold nutrients for use by the crops vs leaching into the groundwater. We are also going to investigate the internally drained areas of sandy glacial outwash to see if there are groundwater recharge areas that are hotspots for nitrate contamination.
- Work with landowners to properly close idle wells.

Lakes and their health are vital to the social and economic well-being of the county. We have over 250 lakes and roughly 25 of them are the classic northern Wisconsin recreational lakes. Roughly 30% of the valuation of properties in Barron County is on lakeshores. As funding allows, Barron County will create a Lakes and Invasive Species Technician position. This position would work with lakeshore landowners throughout the county on shoreline naturalization/mitigation projects, assisting lake organizations, developing a countywide lakes association, and training volunteers in monitoring and educational projects as well as coordinating the invasive species work of the county, both terrestrial and aquatic.

Conclusion

Barron County strives to maintain our agricultural heritage and improve the status of all the natural resources which contribute to our quality of life here in northern Wisconsin. We have productive soils that are the result

of thousands of years of formation. The loss of soil productivity diminishes the agricultural portion of our economy and the runoff degrades the lakes, rivers and wetlands, harming our quality of life.

A greater variety of resource concerns, an increased participation in county-led programs, and more intense use of the county's natural resources has led to more demand on current county staff. We all have a vested interest in protecting soil and water resources and can all do our part; however, the success of the goals of this plan is dependent on funding from the state and county. Staff provides assistance with conservation issues in the form of education, training, organization, and other fieldwork, helping to connect landowners with the information they need to make informed decisions regarding the resources under their care.

Additional staff is vital to the implementation of many of the important projects we have outlined, and cost-sharing and funding will assist landowners with protecting the resources we all share.

This Land and Water Resource Management Plan renews and guides the county's conservation efforts into the future.

2023 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 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 wastewater (number)

**BARRON COUNTY 2023 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

**BARRON COUNTY 2023 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> 		
<p>Cropland, soil health and/or nutrient management</p>	<p>*Using Barron County funds (\$20,000), cost share 800 acres of cover crops, targeting individuals with limited experience and new techniques</p> <p>*Administer the Farmland Preservation Program, conducting 50 Status Reviews on current participants Issue Conservation Compliance Certificates (FPP and NR151) for new locations.</p> <p>*For Nutrient Management Planning, using the SEG funds for 1000 acres of new plans.</p> <p>*Using the MDV program, implement a Headland & Buffer planting program</p> <p>*Work one on one and in small groups of farmers to assist them in writing their own nutrient management plans.</p> <p>*We will use SNAP Plus to run the Soil Erosion Transect Survey.</p> <p>*Install 6,000 feet (6 acres) of grassed waterway</p> <p>*Demonstration Farm</p>	<p>Acres of Cover Crop cost shared Goal of 800</p> <p>Number of Status Reviews completed Goal of 50 -Acres on these farms</p> <p>Number of Certificates of Compliance issued Goal of 15 Acres on these farms</p> <p>Nutrient Management Planning acres cost shared Goal of 1000ac</p> <p>Acres of headland and buffer plantings – Goal of 50 acres</p> <p>Goal of 45 individual training sessions</p> <p>Nutrient Management Planning acres assisted – Goal of 10,000 ac</p> <p>Feet and Acres of Grassed Waterways installed. Goal of 6 acres</p> <p>Soil Health Tests In field demonstration days Goal of 2 Soil Health Workshop with UW Goal of 1</p>
<ul style="list-style-type: none"> <i>Livestock</i> 		
<p>Livestock</p>	<p>Work with 3 landowners to correct livestock runoff prohibitions using Clean Water Diversions, fencing and roof runoff outlets.</p> <p>Review waste storage designs for permitting under the Barron County Manure Storage Ordinance.</p>	<p>Number of projects completed – Goal of 3</p> <p>Pounds of P reduced using BARNY</p> <p>Number of reviews</p>

**BARRON COUNTY 2023 ANNUAL WORK PLAN
LOCALLY IDENTIFIED PRIORITIES**

	Inspections of existing manure storage facilities (5) Inspections of barnyard areas for compliance with NR151 Manure storage facility closures	Number of inspections – Goal of 5 Number of inspections – Goal of 5 Number of closures – Goal of 12
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- *Water quality*

Water quality/quantity (other than activities already listed in other categories)	Groundwater Quality Study – Year 2 of 2	Number of samples – Goal of 450 Host a groundwater education meeting	<i>Type and units of practice(s)</i> <i>Amount of cost-share dollars</i> <i># lbs of sediment reduced (us</i> <i># lbs of P reduced (using any</i>
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- *Forestry*

Forestry	<i>None</i>	
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- *Invasive*

Invasive species	Continue program of cutting and spraying, purple loosestrife, Japanese Knotweed, garlic mustard, and other invasive species, focusing on early infestations. Use the GLEDN App for mapping of sites in the county. Raising bio-control beetles for Purple Loosestrife and assisting Lake Associations in their efforts Inspect 40 boat landings for signage Display at the County Fair	Number of control efforts Sites treated Sites recorded by staff Release sites Number of landings inspected
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- *Wildlife*

Wildlife-Wetlands-Habitat (other than forestry or invasive species)	Conduct annual tree sale Rental of County Tree Planters	Number of trees sold - Goal of 19,000 trees Number of trees planted
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- *Urban*

Urban issues	<i>None</i>	
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- *Watershed*

Watershed strategies	Participate in the Red Cedar Basin Partnership	6 meetings annually
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- *Other*

Other	Review of Reclamation Plans: Number of Reclamation Plan Reviews: Issue Reclamation Permits:	80 annual reviews Plan amendments goal of 3
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**BARRON COUNTY 2023 ANNUAL WORK PLAN
LOCALLY IDENTIFIED PRIORITIES**

	Monitor active mining operations site visits: Annual Survey of Active mining areas:	100 site visits
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Table 2: Planned activity related to permits and ordinances

Permits and Ordinances	Plans/application reviews anticipated	Permits anticipated to be issued
Feedlot permits	NA	
Manure storage construction and transfer systems	3	3
Manure storage closure	5	5
Livestock facility siting	0	0
Nonmetallic/frac sand mining	2	2
Stormwater and construction site erosion control	NA	
Shoreland zoning	NA	
Wetlands and waterways (Ch. 30)	NA	
Other		

Table 3: Planned inspections

Inspections	Number of inspections planned
Total Farm Inspections	60
For FPP	60
For NR 151	60
Animal waste ordinance	10
Livestock facility siting	2
Stormwater and construction site erosion control	NA
Nonmetallic mining	100

**BARRON COUNTY 2023 ANNUAL WORK PLAN
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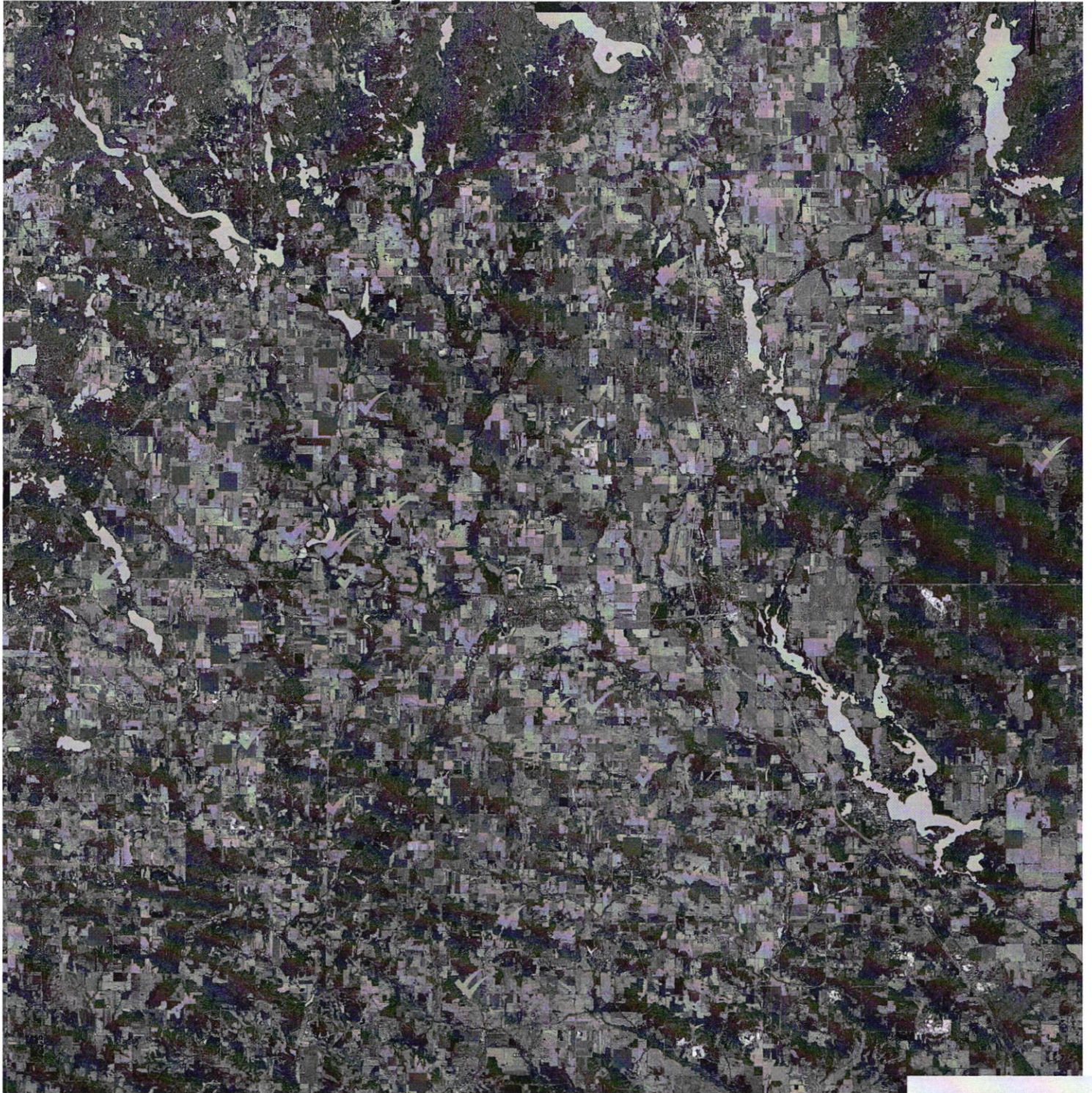
Table 4: Planned outreach and education activities

Activity	Number
Tours	1
Field days	2
Trainings/workshops	45
School-age programs (camps, field days, classroom)	6 th Grade tour Poster Contest Speaking Contest
Newsletters	
Social media posts	25
News release/story	5

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

Staff/Support	Hours	Costs
County Conservationist/Technician (95%)	1976	\$107,118.67
Conservation Planner	2080	\$107,118.67
Conservation Specialist	2080	\$100,813.40
Administrative Assistant (50%)	1040	\$39,012.75
Director – Department Head (33.3%)	684.4	\$49,177.80
Cost Sharing (can be combined)		
DATCP SWRM Bonding	<i>N/A</i>	\$56,000 + \$37,954.57 (2022 carryover)
DATCP SEG for NMP	<i>N/A</i>	\$10,000
MDV	<i>N/A</i>	
Barron County Conservation Funds		\$20,000

Barron County Projects 2020 - 2023



Legend

Projects_20-29

● <all other values>

Type

■ AWSF Closure

⊕ Critical Area

■ Grade Stabilization

✓ Waterway